



SemiLEDs Corporation
2025 Annual Report

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K

(Mark One)

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended August 31, 2025

OR

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number: 001-34992

SemiLEDs Corporation

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

3F, No.11 Ke Jung Rd., Chu-Nan Site,
Hsinchu Science Park, Chu-Nan 350,
Miao-Li County, Taiwan, R.O.C.

(Address of principal executive offices)

20-2735523

(I.R.S. Employer
Identification Number)

350

(Zip Code)

Registrant's telephone number including area code: +886-37-586788

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.0000056	LEDS	The Nasdaq Stock Market

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☐ No ☒

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	☐	Accelerated filer	☐
Non-accelerated filer	☐	Smaller reporting company	☒
		Emerging growth company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the Registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. ☐

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements ☐

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b). ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

The aggregate market value of voting stock held by non-affiliates of the registrant as of February 28, 2025 (the last business day of the registrant's most recently completed second fiscal quarter), based upon the closing price of the common stock reported by the NASDAQ Capital Market on such date, was approximately \$5.7 million. Shares of common stock held by each executive officer and director of the registrant and by each person who owns 10% or more of the registrant's outstanding common stock have been excluded in that such persons may be deemed to be affiliates. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

Number of shares outstanding of the registrant's Common Stock, par value \$0.0000056 per share, as of November 20, 2025: 8,226,153

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SemiLEDs Corporation
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Smaller Reporting Company— Scaled Disclosure

Pursuant to Item 10(f) of Regulation S-K promulgated under the Securities Act of 1933, as amended, as indicated herein, we have elected to comply with the scaled disclosure requirements applicable to “smaller reporting companies.”

PART I.

Forward-looking Statements

This Annual Report on Form 10-K contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. All statements other than statements of historical facts contained in this Form 10-K, including statements regarding the future results of operations of SemiLEDs Corporation, or “we,” “our” or the “Company,” and financial position, strategy and plans, and our expectations for future operations, are forward-looking statements. Any statements contained herein that are not statements of historical facts may be deemed to be forward-looking statements. The words “believe,” “may,” “should,” “plan,” “potential,” “project,” “will,” “estimate,” “continue,” “anticipate,” “design,” “intend,” “expect” and similar expressions are intended to identify forward-looking statements. We have based these forward-looking statements largely on our current expectations and projections about future events and trends that we believe may affect our financial condition, results of operations, strategy, short-term and long-term business operations and objectives, and financial needs. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those described in Item 1A, Risk Factors. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this Form 10-K may not occur, and actual results and the timing of certain events could differ materially and adversely from those anticipated or implied in the forward-looking statements as a result of many factors.

Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. We have not assumed any obligation to, and you should not expect us to, update or revise these statements because of new information, future events or otherwise.

Item 1. Business

Company Overview

We develop, manufacture and sell light emitting diode (LED) chips and LED components, LED modules and systems. Our products are used for general lighting and specialty industrial applications, including ultraviolet, or UV, curing of polymers, LED light therapy in medical/cosmetic applications, counterfeit detection, germicidal and viricidal devices LED lighting for horticulture applications, architectural lighting and entertainment lighting.

Utilizing our patented and proprietary technology, our manufacturing process begins by growing upon the surface of a sapphire wafer, or substrate, several very thin separate semiconductive crystalline layers of gallium nitride, or GaN, a process known as epitaxial growth, on top of which a mirror-like reflective silver layer is then deposited. After the subsequent addition of a copper alloy layer and finally the removal of the sapphire substrate, we further process this multiple-layered material to create individual vertical LED chips.

We package our LED chips into LED components, which we sell to distributors and a customer base that is heavily concentrated in a few select markets, including India, Japan, the Netherlands and the United States. We also sell our “Enhanced Vertical,” or EV, LED product series in blue, white, green and UV in selected markets. We sell our LED chips to packagers or to distributors, who in turn sell to packagers. Our lighting products customers are primarily original design manufacturers, or ODMs, of lighting products and the end-users of lighting devices. We also contract other manufacturers to produce for our sale certain LED products, and for certain aspects of our product fabrication, assembly and packaging processes, based on our design and technology requirements and under our quality control specifications and final inspection process.

We have developed advanced capabilities and proprietary know-how in:

- reusing sapphire substrate in subsequent production runs;
- optimizing our epitaxial growth processes to create layers that efficiently convert electrical current into light;
- employing a copper alloy base manufacturing technology to improve our chip’s thermal and electrical performance;
- utilizing nanoscale surface engineering to improve usable light extraction;
- manufacturing extremely small footprint LEDs with optimized yield, ideal for Mini LED applications;
- developing a LED structure that generally consists of multiple epitaxial layers which are vertically-stacked on top of a copper alloy base;
- developing low cost Chip Scaled Packaging (CSP) technology;
- developing multi-pixel Mini LED packages for commercial displays; and

- developing small format AI sensors having a light source and photodetector in cooperation with our Japanese partners for various applications such as dot projectors and photoplethysmogram (PPG) sensors.

These technical capabilities enable us to produce LED chips, LED component, LED modules and System products. We believe these capabilities and know-how should also allow us to reduce our manufacturing costs and our dependence on sapphire, a costly raw material used in the production of sapphire-based LED devices.

We were incorporated in the State of Delaware on January 4, 2005. We are a holding company for our wholly owned operating subsidiary, Taiwan Bandaoti Zhaoming Co., Ltd., which conducts our research, development, manufacturing, marketing and sale of LED components and employs the Company's employees.

Our Technology

Our proprietary technology integrates copper alloy in a vertical LED structure. We first grow epitaxial layers on a sapphire wafer. The epitaxial layers are multiple doped GaN layers. At this point in the process, our structure has the following order: (i)sapphire; (ii)n-doped GaN (N-GaN); (iii)multi-quantum well layers (MQWs); and (iv)p-doped GaN (P-GaN). Next, we deposit and define (by patterning and etching) multiple metal layers on the P-GaN layer. These metal layers consist of several different mirror layers and copper alloy layers, which are deposited on top of the mirror layers by electroplating. The copper alloy metal layers, which are collectively called the P-Contact Metal Layer, create low resistance contact with the P-GaN layer.

We then remove the sapphire wafer from the N-GaN layer through laser radiation, and the sapphire wafer is removed from the production line and recycled. The remaining device structure—consisting of the P-Contact Metal Layer on top of the epitaxial layers—is then ready for further processing. To complete our LED device structure, we then deposit and define additional metal layers on top of the N-GaN layers to achieve low resistance contact with the N-GaN layers. These additional metal layers are collectively called the N-Contact Metal Layer. After this process, our final LED chip structure is: (i)copper alloy metal layer; (ii)P-GaN; (iii)MQWs; (iv)N-GaN; and (v) N-contact Metal layer. Our final LED chip structure is diced into individual LED chips and then separated, tested and binned according to customer specifications, such as wavelength (color) and brightness. When a constant electrical current flows from our P-Contact Metal Layer to our N-contact Metal layer, light is generated in the MQWs and emitted through the surface of the N-GaN.

We believe that most conventional GaN LEDs grown on sapphire wafers are based on a lateral design. However, we believe a superior combination of both light output efficiency and heat removal is realized in a vertical LED chip design with a copper alloy metal structure. Among pure metals at room temperature, copper has the second highest electrical and thermal conductivity, after silver. Heat is generated by passing electrical current through resistive materials. In our vertical LED chips, electrical current flows from the low resistance copper alloy base to the epitaxial layers also with low electrical resistance, thereby resulting in lower heat generation. Furthermore, due to the high thermal conductivity of the copper alloy layer, the heat generated in our device is effectively conducted to the packaging materials, where it can be dissipated through a heat sink. The resulting lower operating temperature helps to maintain LED device performance and reliability.

Once light is generated in the MQWs of our LED chips, the light is emitted out of the N-GaN surface. Our chip uses a high reflectivity metal between the copper alloy layer and the P-GaN surface that acts as a mirror to reflect light more effectively out of the internal structure of the device. In contrast, in conventional sapphire-based LED devices, leakage can occur when light escapes through the sides of the substrate or is converted to heat due to the higher internal resistance of the device. Furthermore, by optimizing the internal structure and surface of our epitaxial layers through our proprietary nanosurface engineering, a greater portion of light is extracted after generation within the device, whereas conventional sapphire-based LED devices have a semi-transparent contact layer (STCL) which absorbs and reduces the amount of light that can be emitted vertically from the chip. We are also developing various packaging technologies, such as component cost reducing Advanced Packaging Technology called CSP, Multi-Channel Emitters (MCE) and Chip-On-Board (COB).

Discussed in further detail below, our newly developed wafer level package technology allows us to interconnect photonic devices together with a photodetector and/or device driver Integrated Circuit (IC) without using an interposer in one thin-format package.

Our Products

LED Chips

We produce and purchase a wide variety of blue, white, green and UV LED chips, including our EV LED product series, currently ranging from chip sizes of 380 microns, or μm , by 380 μm to 1520 μm by 1520 μm . We sell our LED chips to packaging customers or to distributors, who in turn sell to packagers. Our LED chips are used primarily for applications in the specialty lighting market, including

commercial, and industrial sectors. Our LED chips may be used in specialty industrial applications, such as UV curing of polymers, LED light therapy in medical/cosmetic applications, counterfeit detection, LED lighting for horticulture applications, and architectural lighting. Currently, we focus mostly on UV LED applications.

LED Components

We currently package a portion of our LED chips into LED components for sale to distributors and end-customers in selected markets. The majority of our LED components use chips that are greater than 860µm by 860µm, focusing on high wattage (>3W) applications. Our packaged products can be categorized into three different groups: UV, Multi-Channel Emitter (MCE), automotive and Specialty lighting. Besides the standard products, we provide customization service for all market segments. Our UV LED product portfolio ranges from two to 260 electrical watts, and are designed for industrial applications such as printing, coating, curing, and medical/cosmetic uses. The MCE packages target entertainment, architectural, aquarium and horticultural lighting sectors. Variations of four, seven, 12, 16 channel LEDs allow users to control each LEDs separately to produce all colors in the visible light spectrum. We use specialized chip bonding technology to ensure minimal chip-to-chip distance in order to deliver optimized color mixing capability in compact packages. Specialty lighting is mainly in the infrared spectrum with options of 30, 60, 90 and 120 degree view angles. These are used in surveillance, IP cameras and night vision applications.

To differentiate ourselves from other LED package manufacturers, we are putting more resources towards module and system design. Along with our technical know-how in the chip and package sectors, we are able to further integrate electrical, thermal and mechanical manufacturing resources to provide customers with one-stop system services. Services include design, prototyping, OEM and ODM. Key markets that we target at the system end include different types of UV LED industrial printers, aquarium lighting, medical applications, niche imaging light engines, horticultural lighting, high standard commercial lighting and multi-pixel Mini-LED package (16 RGB pixels in one package) for fine pitch Mini-LED display market, and disinfection markets.

Our packaging process includes chip bonding, wire bonding, phosphor coating, encapsulation, scribing, dicing and testing. We may, from time to time, establish packaging operations in selected markets for sale to distributors and end-customers in such markets. We also contract with other manufacturers to produce for our LED components based on our design and technology requirements and under our quality control specifications and final inspection process.

Lighting Products

We design, assemble and sell lighting fixtures and systems for general lighting applications, including commercial, residential and industrial lighting. Our lighting products consist primarily of LED luminaries and LED retrofits. Our lighting product customers are primarily ODMs of lighting products and the end-users of lighting devices.

OEM/ODM Services

We provide design and manufacturing services at the modular and system level. Currently, most of the design projects involve high power UV LED lamps to be incorporated/retrofitted into large scale press equipment. Besides hardware, we also provide software development to lamp control and equipment-to-lamp signal communication. With our design capability and high precision packaging capabilities, Taiwan Bandaoti Zhaoming Co., Ltd. assisted in the design and manufacturing of transceiver modules to be used for ADAS (Advanced Driver Assistance Systems) applications.

Sensor Development with Japanese Partner

We are working with a Japanese company developing new sensors for smartphones, smartwatches, and Augmented Reality/ Virtual Reality glasses, utilizing our newly-developed wafer level package technology. This technology allows us to interconnect photonic devices together with photodetectors and/or device drivers IC without using an interposer in one package having thin format. These new sensors, such as dot projectors using Meta lens and photoplethysmogram (PPG) sensors, are intended for smartwatches, smartphones and smart glasses. We also developing flood illuminator for 3D sensing.

Manufacturing

Our manufacturing operations are located in Taiwan. Since late 2011, we have suffered from the underutilization of our manufacturing capacity, primarily for our LED chips. Consequently, a portion of our manufacturing equipment was idled, resulting in significant excess capacity charges. We also use contract manufacturers to produce certain LED products, and for certain aspects of our product fabrication, assembly and packaging processes, based on our design and technology requirements and under our quality control specifications and final inspection process. We have moved toward a fabless business model in which we utilize foundry fabs to ODM our chips using our developed technology and continue to explore opportunities to sell our chip manufacturing equipment, which will help us to

reduce the idle capacity costs. Over the long term, we expect to invest substantially in LED component products development and production equipment while managing our costs and expenses.

Raw Materials and Components

We use the following raw materials in our LED chip manufacturing: metal organics, sapphire, copper alloy, gold slugs, sodium gold sulfite, aluminum granules and electrolytic nickel, among others. We use the following assembly materials in the production of our LED component products: gold bond wire, lead frame, ceramic substrate, phosphor, silicon zener-diode, silicone rubber, eutectic (AuSn) bonding material and silver paste, among others. We also purchase industrial and general chemicals and gases for the manufacture of both our LED chips and LED components. We do not manufacture our lighting products from the raw materials, but we assemble our lighting products from individual components, such as LED emitters, electronic components, printed circuit boards, heat-sink, lenses and other metal and plastic components.

We purchase raw materials and components from a wide range of suppliers around the world. The raw materials and components we use are readily available. We have two or more suppliers for a majority of the raw materials we use. Historically, we have never experienced any significant delay or shortage in the supply of our raw materials and components.

Quality Management

We have implemented quality control measures at each stage of our operations, including obtaining supplier qualifications, inspecting incoming raw materials and random testing during our production process, to ensure consistent product yield and reliability. We test all new processes and new products prior to commercial production. We also inspect all final products prior to deliver to our customers to ensure that production standards are met. If we encounter defects, we conduct an analysis in an effort to identify the cause of the defect and take appropriate corrective and preventative measures. We provide standard product warranties on our products, which generally range from three months to two years. Our manufacturing facility is certified in compliance with ISO 9001:2015. The facility is subject to periodic inspection by relevant governmental authorities for safety, environmental and other regulatory compliance.

We require all of our employees involved in the manufacturing and engineering process to receive quality control training, according to a certification system depending on the level of skills and knowledge required. The training program is designed to ensure consistent and effective application of our quality control procedures.

Sales and Marketing

We market and sell our products through both our direct sales force and distributors. We primarily sell our LED components to distributors and end-customers in selected markets. Our packaging customers package our LED chips and sell the packaged product to distributors or end-customers. Our distributors resell our LED chips either to packagers or to end-customers. We sell our LED chips to packagers and distributors. Our lighting product customers consist primarily of ODMs of lighting products and the end-users of lighting devices with the sales made by our direct sales force. For modules and systems, we mainly deal with end-customers directly.

Our direct sales force is primarily based in Taiwan. We assign our sales personnel to different geographic regions so that they can keep abreast of trends in specific markets. We plan to continue expanding our sales coverage in Asia as we grow our business. In addition, we may enter into strategic relationships with companies in Taiwan or other countries that we believe may provide strategic value to us.

We focus our marketing efforts on brand awareness, product advantages and qualified lead generation. We rely on a variety of marketing strategies, including participation in industry conferences and trade shows, to share our technical message with customers, as well as public relations, industry research and online advertising.

Customers

We package our LED chips into LED components, which we sell to distributors and end-customers in selected markets. In addition, we sell a portion of our LED chips products to packaging customers and LED chip distributors.

We have historically derived a significant portion of our revenues from a limited number of customers. For the years ended August 31, 2025 and 2024, our top ten customers collectively accounted for 99% and 91% of our revenues, respectively. Some of our largest customers and what we produce, or have produced, for them have changed from quarter to quarter primarily as a result of the timing of discrete, large project-based purchases and broadening customer base, among other things. For the years ended August 31, 2025 and 2024, sales to our three largest customers, in the aggregate, accounted for 94% and 61% of our revenues, respectively.

Our revenues are concentrated in a few select markets. We expect that our revenues will continue to be substantially derived from these countries for the foreseeable future. Given that we are operating in a rapidly changing industry, our sales in specific markets may fluctuate from quarter to quarter. Therefore, our financial results will be impacted by general economic and political conditions in these markets.

Intellectual Property

Our ability to compete successfully depends upon our ability to protect our proprietary technologies and other confidential information. We rely, and expect to continue to rely, on a combination of confidentiality and license agreements with our employees, licensees and third parties with whom we have relationships, and trademark, copyright, patent and trade secret protection laws, to protect our intellectual property, including our proprietary technologies and trade secrets.

As of August 31, 2025, we had 81 patents issued and 10 patents pending with the United States Patent and Trademark Office covering various aspects of our core technologies. As of August 31, 2025, we also had 97 patents issued and 11 patents pending before patent and trademark offices outside the United States. Of these 178 issued patents, 116 expire between 2026 and 2030, 34 expire between 2031 and 2035, 26 expire between 2036 and 2042, and two expire after 2042. Thirty of our issued patents are design patents and none of our pending patents is a design patent. We believe that factors such as the technological and innovative abilities of our personnel, the success of our ongoing product development efforts and our efforts to maintain trade secret protection are more important than patents in maintaining our competitive position. We pursue the registration of certain of our trademarks in the United States, Taiwan and China and have been granted trademarks with respect to “SemiLEDs” in the United States, and “MvpLED” in China.

Our industry is characterized by frequent intellectual property litigation involving patents, trade secrets, copyrights, mask designs, among others. From time to time, third parties may allege that our products infringe on their intellectual property rights. Defending against any intellectual property infringement claims would likely result in costly litigation and ultimately may lead to our not being able to manufacture, use or sell products found to be infringing. Furthermore, other third parties may also assert infringement claims against our customers with respect to our products, or our customers’ products that incorporate our technologies or products. Any such legal action or the threat of legal action against us, or our customers, could impair such customers’ continued demand for our products. This could prevent us from growing or even maintaining our revenues, or cause us to incur additional costs and expenses, and adversely affect our financial condition and results of operations. See “Risk Factors— Risks Related to Our Business— Intellectual property claims against us or our customers could subject us to significant costs and materially damage our business and reputation.”

Research and Development

We focus our research and development efforts on our design methodology and process technology for our LED products. We also focus on improving our production yields and increasing wafer sizes to lower our production costs. Our research and development team work closely with our manufacturing team. We conduct our research and development activities at our manufacturing facilities in Taiwan. Our future research and development strategy will primarily focus on developing new products in collaboration with our ODM partners utilizing our vertical technology and our expertise in the manufacturing of LED components. We expect to be continually engineering new products and systems, as well as enhancements to existing products, to meet the needs of our customers. By leveraging the fabless business model, we expect to be able to minimize our own research and development costs associated with chip products, increase the scale of our business without increasing overhead and diversify our business risk among many sales channels. In addition, we are partnering with a Japanese manufacturer developing new sensors such as dot projectors and photoplethysmogram (PPG) sensors.

Competition

We believe that our advanced technology helps us to compete in the innovative, intensely competitive and rapidly changing market of LED design and manufacturing. To succeed, however, we must continue to manufacture products that meet the demanding requirements of high performance at low costs. We do not account for a significant percentage of the total market volume today, and we face significant competition from other more established providers of similar products as well as from new entrants into our markets.

We compete with many LED chip manufacturers and LED packaging manufacturers, many of which compete directly with us and are much larger than us. These potential competitors have extensive experience in developing semiconductor chips, which is similar to the manufacturing process for LED chips and LED packaging. We are also aware of a number of well-funded private companies that are developing competing products. We also compete with numerous smaller companies entering the market, some of whom may receive significant government incentives and subsidies pursuant to government programs designed to encourage the use of LED lighting and to establish LED-sector companies.

Some of our existing and potential competitors possess significant advantages, including longer operating histories, greater financial, technical, managerial, marketing, distribution and other resources, more long-standing and established relationships with our existing and potential customers, greater name recognition, larger customer bases and greater government incentives and support.

We believe that the key competitive factors in our markets are:

- consistently producing high-quality LED chips with high efficacy;
- providing a low total cost of ownership (i.e., cost, efficacy and lifespan) for end-customers;
- producing UVA LED for niche markets where customers value quality and performance more than cost;
- providing unique and high performance UV LED systems to replace mercury lamp;
- providing high precision packaging solutions to automotive industries to enable high accuracy demands for LiDAR applications;
- providing a unique wafer level package technology; and
- our sales channels.

Competition in the markets for LED products is intense, and we expect that competition will continue to increase, thereby creating a highly aggressive pricing environment. Some of our competitors have in the past reduced their average selling prices, and the resulting competitive pricing pressures have caused us to similarly reduce our prices, accelerating the decline in the gross margin of our products. When prices decline, we must also write down the value of our inventory.

Government Regulation

In our research and development and manufacturing processes, we use a variety of hazardous materials and industrial chemicals. In each of the jurisdictions in which we operate, we are subject to a variety of laws and regulations governing the exposure to and storage, handling, emission, discharge and disposal of these materials or otherwise relating to the protection of the environment. Environmental laws and regulations are complex and subject to constant change, with a tendency to become more stringent over time. Failure to comply with any new or existing laws, whether intentional or inadvertent, could subject us to fines, penalties and other material liabilities to the government or third parties, injunctions requiring the suspension of operations, redemption costs or other remedies, and the need for

additional capital, equipment or other process requirements, any of which could have a material adverse effect on our business and reputation.

Human Capital Resources

Talent is the catalyst for our success. We are fortunate to have talented and outstanding employees. To retain talented people who share our goals and interests, we work hard to cultivate a dynamic and enjoyable work environment full of opportunities to learn new skills.

To that end, we aim to foster open communication between employees and management to create a sense of community and a shared purpose. We stress teamwork, and we believe that high-performing teams are crucial to our success. We encourage our employees to brainstorm, develop and refine new ideas to help us innovate and achieve our goals.

We award each employee according to their contributions. These awards consist of performance-based awards, including cash and equity such as stock options and restricted share units. We believe these equity awards create a sense of ownership for the employee and furthers employee commitment to the company's long-term vision, while simultaneously helping to retain talented employees.

As of August 31, 2025, we had approximately 118 employees. All of our employees are based in Taiwan. None of our employees are represented by a labor union. We consider relations with our employees to be good.

Financial Information about Geographic Areas

We derive a substantial portion of our revenue from product sales to international customers. For information concerning geographic areas of our customers and geographic information concerning our long-lived assets, see Note 11, "Product and Geographic Information," of the Notes to Consolidated Financial Statements in Item 8, Financial Statements and Supplementary Data, of this Annual Report. International operations expose us to risks that are different from operating in the United States, including foreign currency translation and transaction risk, risk of changes in tax laws, application of import/export laws and regulations and other risks described further in Item 1A, Risk Factors, of this Annual Report.

Available Information

At our investor relations website, <https://www.semileds.com/investors>, we make available free of charge our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, and any amendments to those reports filed or furnished pursuant to Section 13 or 15(d) of the Exchange Act, as soon as reasonably practicable after such materials are electronically filed with or furnished to the SEC. The information found on our website is not part of this or any other report we file with or furnish to the SEC. In addition, the SEC maintains a website (<http://www.sec.gov>) that contains reports, proxy and information statements and other information regarding us, and other issuers that file electronically with the SEC. The information on our website (or any webpages referenced in this Annual Report on Form 10-K) is not part of this or any other report we file with, or furnish to, the SEC, and all website addresses in this report are intended to be inactive textual references only.

Item 1A. Risk Factors

A wide range of factors could materially affect our business, operating results and financial condition. The following factors and other information included in this Annual Report should be carefully considered. Although the risk factors described below are the ones management deems significant, additional risks and uncertainties not presently known to us or that we presently deem less significant may also impair our business operations. If any of the following risks actually occur, our business, operating results, and financial condition could be adversely affected. In that event, the trading price of our common stock could decline and you could lose part or all of your investment.

Risks Related to Our Business

We have incurred net losses in recent periods and may require additional financing. If financing is not available, we may be required to further downsize or discontinue operations.

We incurred net losses attributable to SemiLEDs stockholders of \$1.1 million and \$2.0 million for the years ended August 31, 2025 and 2024, respectively. We can give no assurance that we will not continue to incur net losses in future periods. Our revenue and operating results may continue to decline for a variety of reasons, some of which are described elsewhere in this “Risk Factors” section and are beyond our control. As of August 31, 2025, we had an accumulated deficit of \$190 million and cash and cash equivalents of \$2.6 million. These facts and conditions raise substantial doubt about our ability to continue as a going concern, and our independent registered public accounting firm has included an explanatory paragraph regarding going concern qualification in its audit report. However, our management believes it has a liquidity plan, as further described in elsewhere in this annual report that if executed successfully should provide sufficient liquidity to meet our obligations as they become due for a reasonable period of time. While we believe that these liquidity plan measures will be adequate to satisfy our liquidity requirements for the twelve months ending August 31, 2026, there is no assurance that the liquidity plan will be successfully implemented. Failure to successfully implement the liquidity plan may have a material adverse effect on our business, results of operations and financial position, and may adversely affect our ability to continue as a going concern. If we do not become consistently profitable, our accumulated deficit will grow larger and our cash balances will decline further, and we will require additional financing to continue operations. Any such financing may not be accessible on acceptable terms, if at all. If we cannot generate sufficient cash or obtain additional financing, we may be required to downsize our business further or discontinue our operations altogether.

In the year ended August 31, 2025, we derived the significant majority of our revenues from the purchase and sale of equipment from vendors in China. Our inability to grow our buy-sell revenues would have a negative impact on our financial condition and results of operation.

In the year ended August 31, 2025, revenues attributable to other revenues, which were primary related to buy-sell purchase orders of equipment, represented 94% of our total revenues and improved our gross market, operating results and cash flows. Our ability to continue to grow and improve our financial position depends on our continued ability to enter into buy-sell purchase orders of equipment. However, if the buy-sell orders diminish or stop altogether, our gross margin, operating results, and cash flows could be adversely affected.

We depend on contract manufacturing for portions of our supply chain. The inability of our contract manufacturers to produce products that satisfy our requirements may have a material adverse effect on our business.

From time to time, we may use contract manufacturers to produce products or some parts of our products. Our reliance on such contract manufacturers exposes us to a number of significant risks, including:

- reduced control over delivery schedules, quality assurance, manufacturing yields and production costs;
- lack of guaranteed production capacity or product supply; and
- the possible breach of the manufacturing agreement by the contract manufacturers because of factors beyond our control.

If these contract manufacturers fail to deliver products on time and at a satisfactory level of quality, we could have difficulties fulfilling our customer orders and our net revenues could decline. If our contract manufacturers were to become unable or unwilling to continue to manufacture our products at requested quality, quantity, yields and costs, or in a timely manner, our business and reputation could be seriously harmed. As a result, we would have to attempt to identify and qualify substitute manufacturers, which could be time consuming and difficult, and might result in unforeseen manufacturing and operations problems. In such events, our customer relationships, business, financial condition and results of operations would be adversely affected.

Our success depends on the successful development, introduction, commercialization and acceptance of new products and enhancements to existing product lines.

Rapid change and technical innovation characterize the LED chips and components market. Our success depends on the successful development, introduction, commercialization and acceptance of new products and enhancements to existing product lines. We have made and continue to make significant investments in growth initiatives. For example, we moved down the supply chain, supplying customers with full UV LED lamp systems. We expect to continue our efforts at further research and development of innovative products. We may need to spend more time and money than we expect to develop and introduce new products or enhancements and, even if we succeed, these new products or enhancements may not be sufficiently profitable for us to recover all or a meaningful part of our investment. In addition, our new products or enhancements may need certifications or require qualifications by our customers or potential customers. However, both of the certification and qualification processes are lengthy and uncertain and may negatively impact our sales and marketing efforts to sell or transition our customers to such new products or enhancements. Furthermore, once introduced, new products may adversely impact sales of our older generation products, or make them less desirable or even obsolete, and could adversely impact our revenues and operating results.

Our ability to successfully develop and introduce new products and product enhancements, and the revenues and costs associated with these efforts, are affected by our ability to (i) properly identify customer needs, (ii) prove the feasibility of new products, (iii) price our products competitively and profitably, (iv) accurately predict and control costs and yields associated with manufacturing the products, (v) manufacture and deliver new products timely and in sufficient volume, (vi) assist the customers in qualifying or adopting the new products in a timely manner and (vii) anticipate and compete successfully with competitors. Even if we are successful, if a customer requires certain certifications for or new qualification process of our new products, the time when that customer will actually purchase our products and we will be able to receive revenue from that customer will be significantly delayed.

We derive substantially all of our revenues from a limited number of customers, including distributor customers, and generally do not enter into long-term customer contracts. The loss of, or a significant reduction in purchases by, one or more of these customers, or the failure by one of these customers to pay, could adversely affect our operating results and financial condition.

We have historically derived a significant portion of our revenues from a limited number of customers, including distributor customers. For the years ended August 31, 2025 and 2024, our top ten customers collectively accounted for approximately 99% and 91% of our revenues, respectively. Some of our largest customers and what we produce for them change from quarter to quarter, primarily as a result of the timing of discrete, large project-based purchases and broadening customer base, among other things. For the years ended August 31, 2025 and 2024, sales to our three largest customers, in the aggregate, accounted for approximately 94% and 61% of our revenues, respectively.

The sales cycle from initial contact to confirmed orders with our customers is typically long and unpredictable. We typically enter into individual purchase orders with large customers, which can be altered, reduced or cancelled with little or no notice to us. We do not generally enter into long-term commitment contracts with our customers. As such, these customers may alter their purchasing behavior and reduce or cancel orders with little or no notice to us. Consequently, any one of the following events may cause material fluctuations or declines in our revenues:

- reduction, delay or cancellation of orders from one or more of our major customers;
- loss of one or more of our major customers and our failure to identify additional or replacement customers; and
- failure of any of our major customers to make timely payment for our products.

We may not be able to effectively develop, maintain and expand our sales and distribution channels, which could negatively affect our ability to expand our sales and business and damage our brand reputation.

As part of our strategy, we market and sell our products through third-party distributors in certain markets. We rely on these distributors to service end-customers, and our failure to maintain strong working relationships with such distributors could have a material adverse impact on our operating results and revenues from such jurisdictions and damage our brand reputation. If we are unable to effectively develop and expand our distribution channels, or do so in a timely manner, to ensure our products are reaching the appropriate customer base, our sales and results of operations may be adversely impacted. In addition, if we successfully develop these channels, we cannot guarantee that customers will accept our products or that we will be able to manufacture and deliver products in the timeline established by our customers. We have attempted to direct our efforts to areas of business where we see the best opportunity for the most profitable sales of our LED products, which includes primarily a focus on the UV LED market segment and placing a greater emphasis on the sale of LED components in selected markets where pricing pressure is significant, and pursuing new market opportunities that leverage our core competencies. We are now focused on developing as an end-to-end LED module solution supplier by providing our customers with high quality, flexible and more complete LED system solution, customer technical support and LED module/system design, as opposed to just providing customers with individual components. Continual introductions of new products and solutions, services, and enhancement of existing products and services, and effective servicing of customers are key to our competitive strategy. We also work to develop relationships with a select number of our customers to develop relationships which would continue to enhance our component product growth and profitability to complement our strategic focus. Our primary business objective is to provide our customers with a convenient, full-service, one-stop shopping solution for their needs by offering customized design services and high-quality products at good value. These strategies may negatively impact our revenues as we may not be able to develop and expand our customer base and distribution channels in a timely manner, among other reasons.

We do not control the activities of our distributors with respect to the marketing and sales of and customer service support for our products. Therefore, the reputation and performance of our distributors and the ability and willingness of our distributors to sell our products, uphold our brand reputation for quality, by providing, for example, high quality service and pre- and post-sales support, and their ability to expand their businesses and their sales channels are essential to the future growth of our business and has a direct and material impact on our sales and profitability in such jurisdictions. Also, as with our individual customers, we do not have long-term purchase commitments from our distributor customers, and they can therefore generally cancel, modify or reduce orders with little or no advance notice to us. As a result, any reductions or delays in, or cancellations of, orders from any of our distributors may have a negative impact on our sales and budgeting process.

In addition, we have entered and may from time to time enter into exclusivity or other restrictions or arrangements of a similar nature as part of our agreements with our distributors. Such restrictions or arrangements may significantly hinder our ability to sell additional products, or enter into agreements with new or existing customers or distributors that plan to sell our products, in certain markets, which may have a material adverse effect on our business, financial condition and results of operations.

Moreover, we may not be able to compete successfully against those of our competitors who have greater financial resources and are able to provide better incentives to distributors, which may result in reduced sales of our products or the loss of our distributors. The loss of any key distributor may force us to seek replacement distributors, and any resulting delay may be disruptive and costly.

We operate in highly competitive markets that are characterized by rapid technological changes and declining average selling prices. Competitive pressures from existing and new companies and/or damage to our brand may harm our business and operating results.

Competition in the markets for LED products is intense, and we expect that competition will continue to increase. Increased competition could result in increased pricing pressure, reduced profit margins, increased sales and marketing expenses, and failure to increase, or the loss of, market share, any of which would likely seriously harm our business, operating results and financial condition. Competitors may reduce average selling prices faster than our ability to reduce costs, and competitive pricing pressures may accelerate the rate of decline of our average selling prices. To address increased pricing pressure, we have improved and increased our production yields to reduce the per-unit cost of production for our products. However, such cost savings currently have a limited impact on our gross profit, as we have suffered from the underutilization of manufacturing capacity and must absorb a high level of fixed costs, such as depreciation.

We compete with many LED chip manufacturers and LED packaging manufacturers. We have a number of competitors that compete directly with us and are much larger than us. These potential competitors have extensive experience in developing semiconductor chips, which is similar to the manufacturing process for LED chips and LED packaging. We are also aware of a number of well-funded private companies that are developing competing products. We will also compete with numerous smaller companies entering the market, some of whom may receive significant government incentives and subsidies pursuant to government programs designed to encourage the use of LED lighting and to establish LED-sector companies.

Our existing and potential competitors may have a number of significant advantages over us, including greater financial, technical, managerial, marketing, distribution and other resources, more long-standing and established relationships with our existing and potential customers, greater name recognition, larger customer bases and greater government incentives and support. In addition, some of our competitors have been in operation much longer than we have and therefore may have more long-standing and established relationships with our current and potential customers.

We compete primarily on the basis of our products' performance, price, quality, and reliability and on our ability to customize products to meet customer needs. However, our competitors may be able to develop more competitive products, respond more quickly to new or emerging technologies, offer comparable products at more competitive prices or bring new products to the market earlier. Any failure to respond to increased competition in a timely or cost-effective manner could have a material adverse effect on our business, financial condition, results of operations and prospects. Furthermore, intellectual property claims against us, including pending claims and litigation, regardless of the outcome, could be used by our competitors to damage our brand reputation and our relationships with existing and potential customers.

Historically, we have derived our revenues mainly from the sales of our LED components. Our inability to grow our revenues generated from the sales of LED components would have a negative impact on our financial condition and results of operation.

Until recently, LED components were the core products from which we derived our revenues. Revenues attributable to the sales of our LED components represented approximately 5% and 51% of our revenues for the years ended August 31, 2025 and 2024, respectively. Excluding revenues from buy-sell orders of equipment, we expect to continue to generate our revenues mainly from the sales of LED components for the foreseeable future. As such, the continued market acceptance of our LED components is critical to our continued success. Our inability to grow our revenues generated from the sales of LED components would have a negative impact on our business, financial condition and results of operations.

The market for LEDs has historically been, and we expect will continue to be, highly volatile, which could harm our business and result in significant fluctuations in the market price of our common stock.

Fluctuations in supply and demand for LEDs pose serious risks to our prospects, business, financial condition and results of operations. Our industry, akin to the semiconductor industry, is highly cyclical and characterized by rapid technological change, rapid product obsolescence, declining average selling prices and wide fluctuations in supply and demand. Our industry's cyclical results from a complex set of factors, including, but not limited to:

- fluctuations in demand for end-products that incorporate LED chips and LED components;
- ongoing reductions in the number of LED chips and LED components required per application due to performance improvements; and
- fluctuations in the unutilized manufacturing capacity available to produce LED chips and LED components.

If market demand increases and we are not able to increase our capacity or if we experience delays or unforeseen costs in increasing our capacity levels, we may not be able to achieve our financial targets. Alternatively, as market demand decreases or as market supply surpasses demand, we may not be able to reduce manufacturing expenses or overhead costs proportionately. If an increase in supply outpaces the increase in market demand, or if demand decreases, the resulting oversupply could adversely impact our sales and result in the underutilization of manufacturing capacity, high inventory levels, changes in revenue mix and rapid price erosion, which would lower our margins and adversely impact our financial results. For example, over the past few years, we recorded significant excess capacity charges as we suffered from underutilization of our manufacturing capacity as a result of a decrease in customer demand, and significant write-downs of inventories as a result of a decline in their average selling prices. We may experience similar problems in the future, and we cannot predict when they may occur or the severity of such difficulties and the impact on our margins and operating results.

Our ongoing cost and capital expenditure reduction efforts may not be effective, might have unintended consequences, and could negatively impact our business.

We have implemented certain actions to accelerate operating cost reductions and improve operational efficiencies in response to changes in the economic environment, our industry and demand. In connection with the implementation of our cost and capital expenditure reduction programs, we developed a strategic plan to address areas of business where we see the best opportunity for the most profitable

sales of our LED products, which includes primarily a focus on the UV LED market segment and placing a greater emphasis on the sale of LED components in selected markets where pricing pressure is less significant, and pursuing new market opportunities that leverage our core competencies. We continue to monitor prices and, consistent with our existing contractual commitments, may decrease our activity level and capital expenditures further. This plan reflects our strategy of controlling capital costs and maintaining financial flexibility. We also disposed of a certain level of our idle equipment to reduce the excess capacity charges that we have suffered for many years. In addition, to provide sufficient liquidity to meet our obligations as they become due for a reasonable period of time, we reduced our capital expenditures as appropriate. The cost reduction plan is further enhanced through the fabless business model in which we implemented certain workforce reductions and have sold certain patents that we were no longer actively developing and are exploring the opportunities to consign or sell certain equipment related to the manufacturing of vertical LED chips, in order to reduce the idle capacity charges, minimize our research and development activities associated with chips manufacturing operation.

Despite our planning, some cost-cutting and capital expenditure reduction measures could have unexpected negative consequences. As part of our ongoing cost reduction efforts, we may reduce our work force further and experience additional attrition, which may expose us to legal claims against us and loss of necessary human resources. If we face costly employee or contract termination claims, our operations and prospects could be harmed. Furthermore, capital expenditure reduction could adversely impact our future sales. While our cost and capital expenditure reduction efforts reduced, or are expected to reduce, our operating costs as well as capital expenditure, we cannot be certain that all efforts will be successful or that we will not be required to implement additional actions to structure our business to operate in a cost-effective manner in the future.

If we are unable to implement our product innovation strategy effectively, our business and financial results could be materially and adversely affected.

As part of our growth strategy, we plan to continue to be innovative in product design, to deliver new products and improve our manufacturing efficiencies. In particular, as the LED industry develops and technical specifications and market standards change, we must continue to innovate and develop competitive products that are accepted by the marketplace. Our existing or potential customers could develop, or acquire companies that develop, products or technologies that may render our products or technologies obsolete or noncompetitive. Our future success depends on our ability to develop and introduce new, technologically advanced and lower cost products, such as high quality, flexible and more complete LED system solution. If we are unable to achieve technological breakthroughs, introduce new products that are commercially viable and meet rapidly evolving customer requirements, and keep pace with evolving technological standards and market development, we may experience reduced market share and our ability to compete may be adversely impacted. If we are unable to execute our product innovation strategy effectively, we may not be able to take advantage of market opportunities as they arise, execute our business plan or respond to competition.

If UV LEDs fail to achieve widespread adoption in the UV lighting market, or if alternative technologies gain market acceptance, our prospects will be materially and adversely impacted and we may be unable to achieve and maintain our profitability.

SemiLEDs had moved away from general lighting markets due to extreme price erosion led by companies in China. We have moved on to focus on industrial UV applications. If UVLED does not achieve widespread acceptance and adoption, or if demand for UVLED products does not grow as we anticipate, our revenues may decline and our prospects for growth and profitability will be limited. Moreover, if existing sources of light other than LED devices, such as mercury lamp, remain popular, or if new sources of light are developed, our current products and technologies could become less competitive or obsolete.

Potential customers for UVLED systems may not adopt UVLED as an alternative to mercury lamp technology because of UVLEDs' higher upfront cost. In addition, manufacturers of mercury lamp systems may have substantial investments and know-how related to their existing technologies, and may perceive risks relating to the complexity, reliability, quality, usefulness and cost-effectiveness of UVLED products. Even if UVLED continues to achieve performance improvements and cost reductions, limited customer awareness of the benefits of UVLEDs, lack of widely accepted standards governing UVLED systems, and customer unwillingness to adopt UVLEDs in favor of entrenched solutions could significantly limit the demand for UVLED products. Additional factors that may limit the adoption of UVLEDs for mercury lamps include, among others:

- a significant reduction in or discontinuation of government regulations and economic incentives to promote the development of the UVLED industry or government regulations that discourage the use of mercury;
- changes in economic and market conditions that affect the use of mercury, for example declining environmental awareness of the damage caused by mercury; and
- capital expenditures for new and replacement systems by end-users of UVLED products, which may decline during economic downturns.

Our gross margins could fluctuate as a result of changes in our product mix, decreases in the average selling prices of our products, underutilization of our manufacturing capacity, and other factors, which may adversely impact our operating results.

Our gross margins have fluctuated and may continue to fluctuate from period to period as a result of the mix of products that we sell and the utilization of our manufacturing capacity in any given period, among other things. For example, as a strategic plan, we placed greater emphasis on the sales of LED components rather than the sales of LED chips where we have been forced to cut prices on older inventory. In 2024, sales decreased but gross margin increased due to higher other revenues rather than LED chips, LED components and lighting products sales compared to 2023. In 2025, sales increased but gross margin decreased due to higher other revenues, which generally have lower margins than LED chips, LED components and lighting products sales. We intend to continue to pursue opportunities for profitable growth in areas of business where we see the best opportunity for our UV market, focusing on product enhancement and developing our UV LED into many other applications or devices. As we expand and diversify our product offerings and with varying average selling prices, or execute new business initiatives, like buy-sell orders of equipment, a change in the mix of products that we sell in any given period may increase volatility in our revenues and gross margin from period to period.

Increased competition and the adoption of alternatives to our products, more complex engineering requirements, lower demand, over-capacity in the market and other factors has led to price erosion and, as a result, lower product margins and lower revenues. For example, some of our competitors have in the past reduced their average selling prices, and the resulting competitive pricing pressures have caused us to similarly reduce our prices, accelerating the decline in the gross margin of our products. We anticipate our competitors will continue to implement such competitive strategies from time to time in the future. Our introduction of new LED component products, such as the LED components that incorporate EV or UV LED chips may further reduce the selling prices of our older generation products or render them obsolete.

We rely on a limited number of key suppliers for certain key raw materials and equipment. The loss of key suppliers may have a material adverse effect on our business.

There are a limited number of companies which supply certain of the specialized raw materials that are important to the manufacture of our products as well as a very limited number of manufacturers of equipment that are critical to our operations. We generally enter into spot purchase orders with our suppliers and do not have long-term or guaranteed supply arrangements with any of them. For example, we purchase Red or IR LED chips, the key material used in the manufacture of our LED components, from a limited number of suppliers. A major shortage of these key raw materials would impair our ability to meet our production needs resulting in increased costs.

We also purchase gases, photo chemicals and other materials from various suppliers on the spot market. Although supply constraints do not currently have an impact on our ability to procure supply, supply constraints have occurred in the past and may occur again from time to time in the future. Additionally, we use metals such as copper alloy and other commodities in our manufacturing process. The price volatility of such materials may make our procurement planning challenging. If the prices of materials increase it may adversely affect our operating margins. Although these materials are generally available and are not considered to be specialty chemicals, our inability to procure such materials in volumes and at commercially reasonable prices could result in a material adverse effect on our business, financial condition and results of operations.

If any of our key raw material suppliers fails to meet our needs on time or at all, we may not be able to procure replacement supplies from other sources on a timely basis or on commercially reasonable terms and our production may be delayed or interrupted, which could impair our ability to meet our customers' needs and damage our customer relationships.

We may not be able to effectively expand our production capacity or upgrade our production facilities or do so in a timely or cost-effective manner, which could prevent us from growing our sales, margins and market share.

While we intend to focus on managing our costs and expenses, over the long term we expect to be required to invest substantially in LED components product development and production equipment if we are to grow. This will mean having to continually expand our production capacity or upgrade our production facilities as we deem appropriate under future market conditions and future customer demand. Such investment could take time to become fully operational, and could otherwise increase our costs, and we may not be able to execute quickly to take advantage of market opportunities as they arise.

Upgrading or expanding existing facilities could result in manufacturing problems that may reduce our yields and utilization rates below our target levels. For example, we have experienced difficulties in the past in achieving acceptable yields when we moved our manufacturing facilities to a new location and when we introduced new products or new manufacturing processes, which has adversely affected our operating results.

Upgrading or expanding production facilities or capacity requires a significant amount of fixed cost since it requires us to add and purchase manufacturing lines, equipment and additional raw materials and other supplies. If we are not able to recoup these costs through increased sales and profits, our business, financial condition and results of operations could be materially and adversely affected.

Sales of our products are concentrated in a few select markets. Adverse developments in these markets could have a material and disproportionate impact on us.

Our revenues are highly concentrated in a few select markets, including India, Japan, the Netherlands and the United States. Net revenues generated from sales to customers in India, Japan, the Netherlands and the United States, in the aggregate, accounted for approximately 97% and 78% of our net revenues for the years ended August 31, 2025 and 2024, respectively. As a result of the concentration of our revenues in these markets, economic downturns, changes in governmental policies and increased competition in these markets could have a material and disproportionate impact on our revenues, operating results, business and prospects. Any unfavorable economic or market conditions in such jurisdictions could have a negative impact on our sales and profitability.

Variations in our production yields and limitations in the amount of process improvements we can implement could impact our ability to reduce costs and could cause our margins to decline and our operating results could suffer.

Our products are manufactured using technologies that are highly complex. The number of saleable products, or yield, from our production processes may fluctuate as a result of many factors, including but not limited to the following:

- variability in our process repeatability and control;
- contamination of the manufacturing environment;
- equipment failure, variations in the manufacturing process, or power outages;
- lack of consistency and adequate quality and quantity of components and raw materials;
- losses from broken wafers, inventory damage or human errors;
- defects in packaging either within our facilities or at our subcontractors; and

- any transitions or changes in our production process, planned or unplanned.

Introduction of new products and manufacturing processes are often characterized by lower yields in the initial commercialization stage. LED chip and component manufacturing is complicated and consists of many layers of complex materials that must interact with each other. In addition, when we introduce new products and processes, we often use new chemical solutions and chemical compounds with which we have less experience. We must analyze how the various solutions, compounds and layers of materials interact with each other and perform as parts of the LED chip structure. It takes time for us to analyze the data from our initial manufacturing runs and optimize our processes, and over time we generally achieve higher yield rates as we gain more experience with the product or processes. We have continuously improved and increased our production yields to reduce the per-unit cost of production for our new LED components that incorporate EV or UV LED chips; however, such cost savings currently have limited impact on our gross profit, as we currently suffer from the underutilization of manufacturing capacity and must absorb a high level of fixed costs, such as depreciation. In the past, we have experienced difficulties in achieving acceptable yields when introducing new products or new manufacturing processes, which has adversely affected our operating results. We may experience similar problems in the future, and we cannot predict when they may occur or the severity of such difficulties and the impact on our business.

In some instances, we may offer products for future delivery at prices based on planned yield improvements or increased cost efficiencies from other production advances. Failure to achieve these planned improvements or advances could significantly affect our margins and operating results.

We may face challenges further expanding our LED components business. In addition, our strategy of marketing our LED components in jurisdictions with limited intellectual property enforcement regimes may limit the markets where we can sell our LED components and may subject our intellectual property rights to infringement.

We face challenges in further expanding our LED components business, which has been our core product now and onward, because it involves processes and technologies that are significantly different from our manufacturing processes for LED chips. For example, we are developing advanced-level LED component manufacturing techniques, such as processes that allow us to manufacture wafer-level packaging. If we are not able to further develop our LED components business or if competitors create or adopt more advanced packaging technologies than ours, then our business, financial condition and results of operations could be materially and adversely affected.

Our distribution strategy limits the sales of our LED components as we are selling only in countries that may not necessarily have the highest demand or market potential. The intellectual property rights related to LED components are particularly complex and characterized by aggressive enforcement of those rights. To minimize the likelihood that one of our competitors or another third party will assert a claim related to our LED components, we have sought to market these products only in countries in which we believe enforcement of intellectual property rights has historically been more limited as identified below and to ensure the new line of LED products are not subject to any effective injunction in the United States, because we believe that it is important for us to consciously manage our exposure to litigation. Any such litigation, whether with or without merit, could divert our management, financial and other resources away from our business and thereby have a negative impact on our continued development and growth. We do not currently sell our LED components in all countries that meet, what we believe to be, an acceptable litigation risk profile. We review profiles of different countries and may determine from time to time that we should sell our products in one or more additional countries that meet our litigation risk profile for sale of our LED components. However, we may not be able to identify additional countries that we find to be suitable markets for these products. We have considered the potential loss of revenues and income that we may suffer as a result of our strategy to sell only in certain select countries and have concluded that, on balance, the potential loss of such revenues and income is not outweighed by the potential litigation risks. Also, there can be no guarantee that, by selling our LED components in these countries, we have not exposed our intellectual property rights, including our patents, to infringement by others. With respect to any potential infringement of our patents and other intellectual property rights by others in countries where we currently sell our LED components, we have considered the potential loss of revenues and income that we may suffer associated with such sales and have made a business judgment that the benefits outweigh any potential loss. In addition, if the countries in which we currently sell our LED components increase their enforcement of intellectual property rights, the risk of litigation would materially increase and our ability to continue to sell our LED components in these markets may be materially and adversely affected. Sales of our LED components and our other products may also be limited in the event that they are subsequently shipped or otherwise resold in a country and a claim is brought against us or our customer pursuant to the intellectual property laws of the country of final destination.

As we continue to operate in the lighting fixtures market, we may face additional competition and our existing customers may reduce orders.

As we continue to operate in the lighting fixtures market and seek to increase our sales of lighting products in the future, we may face competition from fixtures and bulbs manufactured and marketed by other LED lighting fixture companies and from lighting products incorporating incandescent, fluorescent, halogen, ceramic metal halide or other lighting technology. In addition, many of our existing customers who purchase our LED chips and LED components develop and manufacture lighting fixtures using those chips and components. As we continue to operate in that market, our customers may respond by reducing or discontinuing their orders for our products. This could prevent us from growing or even maintaining our revenues from the sale of LED chips and LED components, which would negatively impact our business, financial condition and results of operations.

As with our LED components, to minimize the likelihood that one of our lighting fixture competitors or another third party will assert an intellectual property right related to our lighting fixtures, we have sought to market these products only in countries in which we believe enforcement of intellectual property rights has been more limited. Our sales of lighting products to customers in the United States decreased significantly in recent years. This distribution strategy may limit our sales to countries that do not have the highest demand or market potential, and raise similar issues and risks to those raised with respect to our use of this strategy in connection with marketing our LED components.

We are highly dependent on our customers' ability to produce and sell products incorporating our LED products. If our customers are not successful, our operating results could be materially and adversely affected.

Our customers incorporate our LED products into their products. As such, demand for our products is dependent on demand for our customers' end-products that incorporate our LED products and our customers' ability to sell these products. The general lighting market has only recently begun to develop and adopt standards for fixtures that incorporate LED devices. If the end-customers for our products are unable to manufacture fixtures that meet these standards, our customers' sales, and consequently our sales, will suffer.

With respect to the sale of our LED components, a substantial portion of which is used in specialty industrial applications, such as UV curing of polymers, LED light therapy in medical/cosmetic applications, counterfeit detection, LED lighting for horticulture applications, and architectural lighting. A majority of our sales are to such end-customers in selected markets. Sales by end-customers of our products are generally dependent on their ability to develop high quality and highly efficient lighting products and require complex designs and processes, including thermal design, optical design and power conversion. We are making a transition to develop as an end-to-end LED module solution supplier by providing our customers with high quality, flexible and more complete LED system solution, customer technical support and LED module/system design, as opposed to just providing customers with individual components. Our customer's timely and successful product development, the success of our customers' new product introductions and market acceptance could be materially and adversely affected our operating results.

Any undetected defects in our products may harm our sales and reputation and adversely affect our manufacturing yields.

The manufacture of LED chips and components is highly complex, requiring precise processes in a highly controlled and sterile environment using specialized equipment. We manufacture our LED products to meet customer requirements with respect to quality, performance and reliability. Although we utilize quality control procedures at each stage of our manufacturing process, our products may still contain defects that are undetected until after they are shipped or inspected by our customers, or on operation of the device. For example, there could be sub-micron defects that would not be detected by our quality control procedures; such sub-micron defects may increase the current leakage in the device and could negatively affect the product performance over time. Unsatisfactory performance of or defects in our products may cause us to incur additional expenses, including costs in relation to product warranties, cancellation and rescheduling of orders and shipments, and product returns or recalls. Failure to detect and rectify defects in our products before delivery could subject us to product liability claims and harm our credibility and market reputation, which could materially adversely affect our business and results of operations.

In addition, we do not currently have fully automated manufacturing processes, which could potentially introduce contaminants to the production processes through human error. Defects or other difficulties in the manufacturing process can prevent us from achieving maximum capacity utilization, which is the actual number of wafers that we are able to produce in relation to our capacity, and also can prevent acceptable yields of quality LED chips from those wafers.

Our operations involve the use of hazardous materials, and we must comply with environmental laws, which can result in significant costs, and may affect our business and operating results.

Our research and development and manufacturing activities involve the use of hazardous materials, including acids, adhesives and other industrial chemicals. As a result, we are subject to a variety of environmental, health and safety laws and regulations governing the use, storage, handling, transportation, emission, discharge, exposure to, and disposal of such hazardous materials. Compliance with applicable environmental laws and regulations in each of the jurisdictions in which we operate can be costly, and there can be no assurance that violations of these laws will not occur in the future as a result of human error, accident, equipment failure, or other causes. Liability under environmental and health and safety laws can be joint and several, and without regard to fault or negligence. The failure to comply with past, present, or future laws could subject us to increased costs and significant fines and penalties, damages, legal liabilities, suspension of production or operations, alteration of our manufacturing facilities or processes, curtailment of our sales and adverse publicity. Any of these events could harm our business and financial condition.

Furthermore, environmental protection and workplace safety regulations may become more stringent in the future, and although we cannot predict the ultimate impact of any such new laws, they may impose greater compliance costs or result in increased risks or penalties, which could harm our business. Existing and future environmental laws and regulations could also require us to acquire pollution abatement or remediation equipment, modify our product designs or incur other expenses associated with such laws and regulations. As our industry continues to evolve, we may be required to evaluate and use new materials in our manufacturing process that may be subject to regulation under existing or future environmental laws and regulations, and our use of such new materials may be restricted. Any such restriction could require us to alter our manufacturing processes or increase our expenses. If we fail to comply with current and future environmental laws and regulations, whether intentional or inadvertent, we may be required to pay fines and other liabilities to the government or third parties, suspend production or even cease operation.

We may be required to delay the recognition of revenues if the shipment of equipment purchased on buy-sell orders is delayed.

In fiscal year 2025, we entered into buy-sell purchase orders pursuant to which we purchased equipment and then resold the goods to our customer. The revenue relating to these purchase orders was \$38 million, and the associated cost of revenue was \$36.5 million.

We anticipate more buy-sell purchase orders in fiscal year 2026. As a result of these purchase orders and associated uncertainty of the business, our revenue, cost of revenues, receivables, inventories and customer deposits over future quarters may vary significantly. In addition, if our shipments are delayed, revenue recognition may be delayed into future quarters. We cannot assure you when, or if, the revenue will be recognized, when payments will be received, or if we will receive further orders in the future.

Trade matters, including tariffs, may impact our ability to compete cost-effectively.

Our operations are subject to complex trade and customs laws, regulations, and tax requirements. The countries in which our products are sold may impose duties, tariffs, or other restrictions from time to time on our sales or adversely change existing restrictions. For example, the United States has recently imposed or proposed imposing substantial tariffs on goods imported from many countries, including a 20% tariff on goods imported from Taiwan. In fiscal year 2025, 1.6 percent of our products, by dollar value, were sold into the United States. The current political landscape, including with respect to the United States' foreign policy priorities and relations with trading partners, has introduced greater uncertainty with respect to future tax and trade policy. We are unable to determine the impact that changes in tax and trade policy could have on our sales into the United States or other countries, but it could be material.

Risks Relating to Our Holding Company Structure

Our ability to receive dividends and other payments from Taiwan Bandaoti Zhaoming Co., Ltd. may be restricted by commercial and legal restrictions, which may materially and adversely affect our ability to grow, fund investments, make acquisitions, pay dividends and otherwise fund and conduct our business.

We are a holding company with one material asset, which is our ownership interest in Taiwan Bandaoti Zhaoming Co., Ltd.

Dividends and interest on intercompany loans we receive from our subsidiaries in Taiwan, if any, will be subject to withholding tax under Taiwan law. The ability of our subsidiaries in Taiwan to pay dividends, repay intercompany loans from us or make other distributions to us is restricted by, among other things, the availability of funds, the terms of various credit arrangements entered into by our subsidiaries, as well as statutory and other legal restrictions. In addition, although there are currently no foreign exchange control regulations that restrict the ability of our subsidiaries located in Taiwan to distribute dividends to us, we cannot assure you that the relevant regulations will not be changed and that the ability of our subsidiaries to distribute dividends to us will not be restricted in the future. A Taiwan company is generally not permitted to distribute dividends or to make any other distributions to stockholders for any year in which it did not have either earnings or retained earnings (excluding reserves). In addition, before distributing a dividend to stockholders following the end of a fiscal year, the company must recover any past losses, pay all outstanding taxes and set aside 5% of its annual net income (less prior years' losses and outstanding taxes) as a legal reserve until the accumulated legal reserve equals its paid-in capital, and may set aside a special reserve.

Our ability to operate our holding company in the U.S. is dependent on Taiwan Bandaoti Zhaoming Co., Ltd.'s ability to repay its obligations to SemiLEDs Corporation.

SemiLEDs Corporation has substantial intercompany receivables from Taiwan Bandaoti Zhaoming Co., Ltd. However, we are dependent on Taiwan Bandaoti Zhaoming Co., Ltd.'s ability to raise money through the sale of a portion of its subsidiary and the restructuring of its chip operation to pay back SemiLEDs Corporation. On July 5, 2019, Taiwan Bandaoti Zhaoming Co., Ltd. entered into two new loan agreements to refinance existing real estate loans of Taiwan Bandaoti Zhaoming Co., Ltd. and provide for operating capital.

Our ability to make further investments in Taiwan Bandaoti Zhaoming Co., Ltd. may be dependent on regulatory approvals in Taiwan.

Taiwan Bandaoti Zhaoming Co., Ltd. depends on us to meet its equity financing requirements. Any capital contribution by us to Taiwan Bandaoti Zhaoming Co., Ltd. requires the approval of the relevant Taiwan authorities, such as the Hsinchu Science Park Administration. We may not be able to obtain any such approval in the future in a timely manner, or at all. We cannot assure you that we will be able to complete these government registrations or obtain the government approvals on a timely basis, if at all, with respect to future loans or capital contributions by us to our subsidiaries or any of their respective subsidiaries. If we fail to complete these registrations or obtain the approvals, our ability to capitalize Taiwan Bandaoti Zhaoming Co., Ltd. may be negatively affected, which could adversely and materially affect our liquidity and our ability to fund and expand our business.

The rights of stockholders may be limited as we conduct a substantial portion of our operations in Taiwan and a substantial portion of our assets and substantially all of our directors and officers reside outside the United States.

Although we are incorporated in Delaware, a substantial portion of our operations are conducted in Taiwan through Taiwan Bandaoti Zhaoming Co., Ltd. As such, a substantial portion of our assets are located in Taiwan. In addition, substantially all of our directors and officers reside outside the United States, and a substantial portion of the assets of those persons are located outside of the United States. Therefore, it may be difficult or impossible for you to bring an action against us or against these individuals in the United States in the event that you believe that your rights have been infringed under applicable securities laws or otherwise. Even if you are successful in bringing an action, the laws of Taiwan may render you unable to enforce a United States judgment against our assets or the assets of our directors and officers.

For judgments obtained in courts outside of Taiwan to be recognized and enforceable in Taiwan without review of the merits, the Taiwan court in which the enforcement is sought must be satisfied that: the foreign court rendering such judgment has jurisdiction over the subject matter in accordance with the Taiwan law; the judgment and the court procedure resulting in the judgment are not contrary to the public order or good morals of Taiwan; the judgment is a final judgment for which the period for appeal has expired or from which no appeal can be taken; if the judgment was rendered by default by the foreign court, the defendant was duly served in the jurisdiction of such court within a reasonable period of time in accordance with the laws and regulations of such jurisdiction, or process was served on the defendant with the Taiwan judicial assistance; and judgment of Taiwan courts is recognized and enforceable in the foreign court rendering the judgment on a reciprocal basis.

Risks Related to Owning Our Common Stock

We may fail to qualify for continued listing on Nasdaq which could make it more difficult for investors to sell their shares.

Our common stock is listed on the Nasdaq Capital Market. To maintain that listing, we must satisfy the continued listing requirements of Nasdaq for continued listing on the Nasdaq Capital Market, including among other things, a minimum stockholders' equity of \$2.5 million and a minimum bid price for our common stock of \$1.00 per share.

On December 4, 2024, we received a notice from Nasdaq indicating that we did not meet the minimum of \$2.5 million in stockholders' equity required by Nasdaq Listing Rule 5550(b)(1) for continued listing or the alternatives of market value of listed securities or net income from continuing operations. Pursuant to the Nasdaq listing rule, we submitted a plan to Nasdaq. Nasdaq accepted our plan, and we were granted an extension of up to 180 calendar days from December 4, 2024 to evidence compliance.

On February 28, 2025, we repaid \$1,200,000 and \$400,000 of loan principal by delivering 722,891 shares and 240,963 shares of our common stock to Simplot Taiwan Inc. and Trung Doan, respectively. As a result of the repayment in shares, our stockholders' equity exceeded \$2.5 million as of February 28, 2025, and Nasdaq issued a conditional compliance letter on April 17, 2025.

There can be no assurance that we will be able to maintain compliance with Nasdaq's continued listing requirements or that our common stock will not be delisted from Nasdaq.

If our common stock is delisted by Nasdaq, we expect prices for our common stock to be quoted on one of the OTC Markets or the OTC Bulletin Board. Under such circumstances, stockholders may find it more difficult to sell, or to obtain accurate quotations, for our common stock, and our common stock would become substantially less attractive to certain purchasers such as financial institutions, hedge funds and other similar investors. There is no assurance, however, that prices of our common stock would be quoted on one of these other trading systems or that an active trading market for our common stock would thereafter exist, which would materially and adversely impact the market value of our common stock.

We may seek additional capital that may result in stockholder dilution.

We expect to require additional capital due to continuing losses, deteriorating business conditions or other future developments. If our current sources of capital are insufficient to satisfy our cash requirements, we may seek to sell additional equity or debt securities, including through our at-the-market equity program, or obtain bank loans and credit facilities. The sale of convertible debt securities or additional equity securities could result in dilution to our stockholders. The incurrence of further indebtedness, whether in the form of public debt or bonds or bank financing, would result in increased debt service obligations and could result in operating and financing covenants that would restrict our operations and liquidity.

Our ability to obtain external financing is subject to a number of uncertainties, including:

- our future financial condition, results of operations and cash flows and the trading price of our common stock;
- the state of global credit markets and our creditworthiness;
- raising additional cash through potential equity offerings, sales of assets and/or issuance of debt as considered necessary and looking at other potential business opportunities;
- general market conditions for financing activities by companies in our industry; and
- economic, political and other conditions in Taiwan, China and elsewhere.

We cannot assure you that financing, if needed, would be available in amounts or on terms acceptable to us, if at all.

Our directors, executive officers and principal stockholders have substantial control over us and will be able to influence corporate matters.

As of November 20, 2025, our directors and executive officers, together with their affiliates, beneficially owned, in the aggregate, approximately 58.7% of our outstanding common stock. As a result, certain of these stockholders acting alone or these stockholders, acting together, would have the ability to practically control the outcome of matters submitted to our stockholders for approval, including the election of our directors and any merger, consolidation or sale of all or substantially all of our assets. In addition, these stockholders, acting together, would have the ability to control the management and affairs of our company. Accordingly, this concentration of ownership might harm the market price of our common stock by:

- limiting stockholders' ability to influence corporate matters;
- delaying, deferring or preventing a change in corporate control;
- impeding a merger, consolidation, takeover or other business combination involving us; or
- discouraging a potential acquirer from making a tender offer or otherwise attempting to obtain control of us.

There can be no assurance that our interests will not conflict with those of these stockholders, who may also take actions that are not in line, or may conflict, with our other stockholders' best interests.

Delaware law and our certificate of incorporation and bylaws will contain anti-takeover provisions that could delay or discourage takeover attempts that stockholders may consider favorable.

Certain provisions in our certificate of incorporation and bylaws may have the effect of delaying or preventing a change of control or changes in our management. As long as our major stockholder, Simplot Taiwan, Inc., which is beneficially owned by Scott R. Simplot, one of our directors, continues to hold 25% or more of the total voting power of all outstanding shares of our stock entitled to vote generally in the election of directors, shareholders holding at least 25% of the total voting power of all outstanding shares of our stock entitled to vote generally in the election of directors are able to call a special meeting in accordance with our bylaws; provided, however, at such time when the ownership interest of Simplot Taiwan, Inc. first falls below 25% of our total voting power, our amended and restated certificate of incorporation requires that a special meeting may be called only by a majority of our board of directors. Our amended and restated certificate of incorporation precludes stockholder action by written consent. In addition, our amended and restated bylaws require that any stockholder proposals or nominations for election to our board of directors must meet specific advance notice requirements and procedures, which may make it more difficult for our stockholders to make proposals or director nominations. In addition, the authorization of undesignated preferred stock makes it possible for our board of directors to issue preferred stock with voting or other rights or preferences that could impede the success of any attempt to change our control.

Furthermore, because we are incorporated in Delaware, we are governed by the provisions of Section 203 of the Delaware General Corporation Law. These provisions may prohibit or restrict large stockholders, in particular those owning 15% or more of our outstanding voting stock, from merging or combining with us. These provisions in our certificate of incorporation and bylaws and under Delaware law could discourage potential takeover attempts and could reduce the price that investors might be willing to pay for shares of our common stock in the future and result in our market price being lower than it would be without these provisions.

General Risks

Epidemics, pandemics, and other outbreaks could disrupt the Company's operations and adversely affect its business, results of operations, and cash flows.

Epidemics, pandemics, and other outbreaks of an illness, disease, or virus have adversely affected, and could adversely affect in the future, workforces, customers, economies, and financial markets globally, potentially leading to economic downturns. The significance of the impact on our operations of an epidemic, pandemic, or other outbreak depends on numerous factors that we may not be able to accurately predict or effectively respond to, including, without limitation: the duration and scope of an outbreak (including the extent of surges, mutations, or strains of the outbreak and the efficacy of vaccination and other efforts to contain the outbreak or treat its effects); actions taken by governments, businesses, and individuals in response to the outbreak; the effect on economic activity and actions taken in response; the effect on customers and their demand for our products and services; the effect on the health, wellness, and productivity of our employees; and our ability to manufacture, sell, and service its products, including without limitation as a result of supply chain challenges, facility closures, social distancing, restrictions on travel, fear or anxiety by the populace, and shelter-in-place orders. These and other factors relating to or arising from an epidemic, pandemic, or other outbreak could have a material adverse effect on our business, results of operations, and cash flows, as well as the trading price of our common stock.

Our operating results may fluctuate from quarter to quarter, which could make our future performance difficult to predict and could cause our operating results for a particular period to fall below expectations, resulting in a severe decline in the price of our common stock.

Our quarterly operating results are difficult to predict and may fluctuate significantly in the future. We have experienced seasonal and quarterly fluctuations in the past. As such, our past quarterly operating results may not be good indicators of future performance.

The following factors could cause our operating results to fluctuate:

- our ability to retain existing customers, attract new customers and successfully enter new geographic markets;
- changes in supply and demand and other competitive market conditions, including pricing actions by our competitors and our customers' competitors;
- timing of orders from and shipments to major customers and end-customers, including as part of LED project-based orders, and our ability to forecast demand and manage lead times for the manufacturing of our products; and
- seasonal fluctuations in our customers' purchasing patterns.

For these or other reasons, the results of any prior quarterly or annual periods should not be relied upon as indications of our future performance, and our actual revenue and operating results in future quarters may fall short of the expectations of investors and financial analysts, which could have a severe adverse effect on the trading price of our common stock.

Our stock price has been and may continue to be volatile and you may be unable to resell shares of our common stock at or above the price you paid.

The trading price of our common stock has been and may continue to be subject to broad fluctuations. The market price of shares of our common stock could be subject to wide fluctuations in response to various risk factors listed in this section and others beyond our control, including:

- actual or anticipated fluctuations in our key operating metrics, financial condition and operating results;
- changes in the composition of and the orders received from our customers;

- actual or anticipated changes in our growth rate;
- issuance of new or updated research or reports by securities analysts that have a change in outlook regarding the performance of our business or the future trading price of our common stock;
- our announcement of actual results for a fiscal period that are higher or lower than projected or expected results or our announcement of revenue or earnings guidance that is higher or lower than expected;
- fluctuations in the valuation of companies perceived by investors to be comparable to us;
- share price and volume fluctuations attributable to inconsistent trading volume levels of our shares;
- sales or expected sales of additional common stock;
- announcements from, or operating results of, our competitors; and
- general economic and market conditions.

Furthermore, the stock markets have experienced extreme price and volume fluctuations that have affected and continue to affect the market prices of equity securities of many companies. These fluctuations often have been unrelated or disproportionate to the operating performance of those companies. These broad market and industry fluctuations, as well as general economic, political and market conditions, such as recessions, interest rate changes or international currency fluctuations, may cause the market price of shares of our common stock to decline. In the past, companies that have experienced volatility in the market price of their stock have been subject to securities class action litigation. We had ever been a defendant in two filed actions and may be the target of this type of litigation in the future. Securities litigation against us could result in substantial costs and divert our management's attention from other business concerns, which could seriously harm our business.

We do not anticipate paying any cash dividends on our common stock and, consequently, your ability to achieve a return on your investment will depend on appreciation in the price of our common stock.

We have never declared or paid any cash dividends on our common stock or convertible preferred stock and do not intend to do so for the foreseeable future. We currently intend to invest our future earnings, if any, to fund our growth. Therefore, you are not likely to receive any dividends on your common stock for the foreseeable future and the success of an investment in shares of our common stock will depend upon future appreciation in their value. There is no guarantee that shares of our common stock will appreciate in value or maintain the price at which our stockholders purchased their shares.

We may be exposed to litigation, which could adversely affect our financial condition and results of operations.

In the ordinary course of our business, we may be exposed to general commercial claims related to the conduct of our business, class action lawsuits, employment claims and other litigation claims. Any such litigation, whether with or without merit, could result in significant costs. In addition, members of our senior management may be required to divert significant attention and resources to these matters, reducing the time, attention and resources they have available to devote to managing our business. These additional expenses and diversion of attention and resources, along with any reputational issues raised by these lawsuits, may have a material negative impact on our business, financial condition and results of operations.

We are required to assess our internal control over financial reporting on an annual basis and any future adverse findings from such assessment could result in a loss of investor confidence in our financial reports, significant expenses to remediate any internal control deficiencies and ultimately have an adverse effect on our share price.

Section 404 of the Sarbanes-Oxley Act of 2002 requires that we include a management report that assesses the effectiveness of our internal control over financial reporting in our annual report on Form 10-K. Our testing may reveal deficiencies in our internal controls over financial reporting that are deemed to be material weaknesses, which we will be required to disclose. Our compliance with Section 404 requires that we incur substantial accounting expenses and expend significant management resources and time on compliance related issues. If we are unable to comply with the requirements of Section 404 in a timely manner, or if we identify deficiencies in our internal controls over financial reporting that are deemed to be material weaknesses, we may be subject to sanctions or investigations by regulatory agencies such as the SEC. In addition, failure to meet the requirements of Section 404 or to disclose any material weakness may cause investors to lose confidence in our financial statements and the trading price of our common stock may decline. Moreover, if we fail to remedy any material weakness, our financial statements may be inaccurate, our ability to report our financial results on a timely and accurate basis may be adversely affected, our access to the capital markets may be restricted, we may be subject to sanctions or investigation by regulatory authorities, including the SEC and The Nasdaq Stock Market, or Nasdaq, and our stated results of operations and reputation may be materially and adversely affected.

We may undertake joint ventures, investments, acquisitions, joint projects, and other strategic alliances and such undertakings, as well as our existing joint ventures, may be unsuccessful and may have an adverse effect on our business.

We have grown our business in part through strategic alliances and acquisitions. We continually evaluate and explore strategic opportunities as they arise, including product, technology, business or asset transactions, such as acquisitions or divestitures. Such undertakings may not be successful or may take a substantially longer period than initially expected to become successful, and we may never recover our investments or achieve desired synergies or economies from these undertakings.

This notwithstanding, we may in the future continue to seek to grow our operations in part by entering into joint ventures, undertaking acquisitions or establishing other strategic alliances with third parties in the LED and LED-related industries. These activities involve challenges and risks in negotiation, execution, valuation and integration, and closing of the transactions could be delayed or prevented by regulatory approval requirements, including antitrust review, or other conditions.

Any future agreements that we may enter into also could expose us to new operational, regulatory, market, litigation and geographical risks as well as risks associated with significant capital requirements, the diversion of management and financial resources, unforeseen operating difficulties and expenditures, sharing of proprietary information, loss of control over day-to-day operations, non-performance by a counterparty and potential competition and conflicts of interest. In addition, we may not be successful in finding suitable targets on terms that are favorable to us, or at all. Even if successfully negotiated and closed, expected synergies from a joint venture, acquisition or other strategic alliance may not materialize or may not advance our business strategy, may fall short of expected return-on-investment targets or may not prove successful or effective for our business. We may also encounter difficulty integrating the operations, personnel and financial and operating systems of an acquired business into our current business.

We may need to raise additional debt funding or sell additional equity securities to enter into such joint ventures or make such acquisitions. However, we may not be able to obtain such debt funding or sell equity securities on terms that are favorable to us, or at all. The raising of additional debt funding by us, if required and available, would result in increased debt service obligations and could result in additional operating and financing covenants, or liens on our assets, that would restrict our operations. The sale of additional equity securities, if required and available, could result in dilution to our stockholders.

We are also exposed to liquidity risk in the event of non-performance by the counterparty to the convertible note in the purchase agreement.

Risks Related to Human Capital

We rely on certain key personnel. The loss of any of our key personnel, or our failure to attract, assimilate and retain other highly qualified personnel in the future, could harm our business.

Our future success depends on the continued service and performance of our key personnel, including in particular Trung T. Doan, our chief executive officer, and members of our executive team. We do not maintain key man insurance on any of our officers or key employees.

If Mr. Doan or other key personnel were unable or unwilling to continue in their present positions, we may not be able to replace them readily or on terms that are reasonable, if at all. As such, the loss of Mr. Doan or other key personnel, including other key members of our management team and certain of our key marketing, sales, product development or technology personnel, could significantly disrupt our operations and prevent the timely achievement of our development strategies and growth, which would likely have an adverse effect on our financial condition, operating results and prospects. Moreover, we may lose some of our customers if any of our officers or key employees were to join a competitor or form a competing company. The loss of the services of our senior management for any reason could adversely affect our business, operating results and financial condition.

In addition, competition for experienced employees in our industry can be intense, and we may not be successful in recruiting, motivating or retaining sufficiently qualified personnel on terms that are reasonable, or at all. Cyclical volatility in our industry and in our business may aggravate this problem. For example, the challenges we faced in recent years relating to loss of market share and a sustained decrease in the market price of our common stock, among others, could impact our ability to attract and retain employees. When consumer demand for our products is reduced or delayed, we expect lower net revenue and reduced profitability. When our stock price declines, our equity incentive awards may lose retention value. In response to such downturns, we may further implement cost reduction actions, including spending controls, forced holidays and company shutdowns, employee layoffs, shortened workweeks and involuntary salary reductions. Layoffs during an industry downturn could make it more difficult for us to retain key talent and staff members, or to rehire employees should business improve.

Risks Relating to Intellectual Property

We may be exposed to intellectual property infringement or misappropriation claims by third parties, which could adversely affect our financial condition and results of operations.

Trademark, patent, copyright and other intellectual property rights are critical to our business and the business of our competitors. Our industry is characterized by frequent intellectual property litigation involving patents, trade secrets, copyrights, and mask designs among others. Competitors of ours and other third parties have in the past and will likely from time to time in the future allege that our products infringe on their intellectual property rights.

Litigation to determine the validity and scope of any claim against us for infringement, misappropriation, misuse or other violation of third-party intellectual property rights can be highly uncertain because of the complex scientific, legal and factual questions and analyses involved. Defending against any intellectual property infringement claims would likely result in costly litigation, diversion of the attention and efforts of our technical and management personnel and ultimately may lead to our not being able to manufacture, use or sell products found to be infringing. As a result of any such dispute, we may be required to develop non-infringing technology, pay substantial damages, enter into royalty or licensing agreements to use third-party technology, cease selling certain products, adjust our marketing and advertising activities or take other actions to resolve the claims. These actions, if required, may be costly or unavailable on terms acceptable to us. If we are unable to obtain sufficient rights or develop non-infringing intellectual property or otherwise alter our business practices on a timely basis, our business and competitive position may be adversely affected.

The intellectual property rights related to packaging LEDs with phosphors to make white light LED components are particularly complex and characterized by aggressive enforcement of those rights. Many of our competitors and other third parties hold patents or licenses or cross-licenses that relate to phosphors and the use of phosphors in LED packages to make white light LED components. We have sought to minimize the risk that one of our competitors or another third party will assert a claim related to our packaged LED components by marketing these products only in certain countries in which we believe enforcement of intellectual property rights has

historically been more limited. We cannot assure you that our belief with respect to the enforcement of rights within those markets is accurate. In addition, if the products we sell in a particular country are subsequently shipped or resold to another country, the intellectual property laws of the country of final destination may also apply to our products. Further, we may be subject to claims if our packaging customers for our LED chips lack sufficient intellectual property rights with respect to their packaging process and related packaging materials. We cannot assure you that our competitors or others will not claim that our LED chips or our LED components infringe their intellectual property rights or that, if such claims are made, we will be able to successfully dispute such claims.

If our intellectual property, including our proprietary technologies and trade secrets, are not adequately protected to prevent misuse or misappropriation by our competitors, the value of our brand and other intangible assets may be diminished, and our business may be materially and adversely affected. In addition, the sale of certain patents increases our business risk.

Our future success and competitive position depends in part on our ability to protect our intellectual property, including proprietary technologies and trade secrets. In particular, we have developed advanced capabilities and proprietary know-how in sapphire reclamation, gallium nitride, or GaN, epitaxial growth, copper alloy technology, nanoscale surface engineering and vertical LED structure technology that are critical to our business. We rely, and expect to continue to rely, on a combination of confidentiality and license agreements with our employees, licensees, partner and third parties with whom we have relationships, and trademark, copyright, patent and trade secret protection laws, to protect our intellectual property, including our proprietary technologies and trade secrets.

There can be no assurance that the steps we have taken or plan to take in the future are adequate to protect our intellectual property, including our proprietary technologies and trade secrets. We expect to continue to seek patent and trademark protection for our technologies and know-how. However, we will only be able to protect such technologies and know-how from unauthorized use by third parties to the extent that valid, protectable and enforceable rights cover them. We cannot be certain that our patent and trademark applications will lead to patents being issued and registered trademarks being granted in a timely manner, or at all. Even if we are successful in obtaining such rights, the intellectual property laws of other countries in which our products are sold or may in the future be sold may not protect our products and intellectual property rights to the same extent as the laws of the United States. For example, China currently is thought to afford less protection to intellectual property rights generally than some other jurisdictions. As such, the lack of strong patent and other intellectual property protection in China may significantly increase our vulnerability as regards unauthorized disclosure or use of our intellectual property and undermine our competitive position. The legal standards relating to the validity, enforceability and scope of protection of intellectual property rights in LED-related industries are uncertain and still evolving, both in the United States and in other countries. Moreover, the contractual agreements that we enter into with employees, licensees and third parties to protect our intellectual property and proprietary rights afford only limited protection and may not be enforceable.

We also expect that the more successful we are, the more likely it will be that competitors will try to develop or patent similar or superior technologies, products and services. In the event that our competitors or others are able to obtain knowledge of our know-how, trade secrets and technologies through independent development, our failure to protect such know-how, trade secrets and technologies and/or our other intellectual property and proprietary rights may undermine our competitive position. In addition, third parties may knowingly or unknowingly infringe our trademarks and other intellectual property rights, and litigation may be necessary to protect and enforce our intellectual property rights or determine the validity and scope of our proprietary rights. Any such litigation could be very costly and could divert management attention and resources away from our business, and the outcome of such litigation may not be in our favor. If the protection of our intellectual property, including our proprietary technologies and trade secrets, is inadequate to prevent use or appropriation by third parties, the value of our brand and other intangible assets may be diminished and competitors may be able to more effectively mimic our products and methods of operation. Any of these events may have a material adverse effect on our business, financial condition, reputation and competitive position.

We have also sold certain patents, generally for technology that we are no longer actively developing. While we plan to continue to monetize our patent portfolio through sales of non-core patents, we may not be able to realize adequate interest or prices for those patents. Accordingly, we cannot provide assurance that we will be able to generate revenue from these sales. In addition, although we seek to be strategic in our decisions to sell patents, we might incur reputational harm if a purchaser of our patents sues one of our customers for infringement of the purchased patent, and we might later decide to enter a space that requires the use of one or more of the patents we sold.

Confidentiality agreements with employees and others may not adequately prevent disclosure of trade secrets and other proprietary information.

To protect a substantial amount of our technologies, we have chosen to rely primarily on trade secrets law rather than seeking protection through patents. Trade secrets are inherently difficult to protect. In order to protect our intellectual property rights, including our proprietary technologies and trade secrets, we rely in part on security measures, as well as confidentiality agreements with our employees, licensees and other third parties. These measures and agreements may not effectively prevent disclosure of confidential information, including trade secrets, and may not provide an adequate remedy in the event of unauthorized disclosure of confidential information. While we believe we use reasonable efforts to protect our trade secrets, we could potentially lose future trade secret protection if any unintentional or willful disclosure by our directors, employees, consultants or contractors of such information occurs, including disclosure by employees during or after the termination of their employment with us, in particular if they were to join one of our competitors. Laws regarding trade secret rights in certain markets in which we operate may afford little or no protection. The loss of trade secret protection could make it easier for third parties to compete with our products by copying functionality. Costly and time-consuming litigation could be necessary to enforce and determine the scope of our proprietary rights, and failure to obtain or maintain trade secret protection could adversely affect our business, revenue, reputation and competitive position.

The reduction or elimination of government investment in LED lighting or the elimination of, or changes in, policies in certain countries that encourage the use of LEDs over some traditional lighting technologies could cause demand for our products to decline, which could materially and adversely affect our revenues, profits and margins.

We believe the near-term growth of the LED market will be driven in part by government policies in certain countries that either directly promote the use of LEDs or discourage the use of some traditional lighting technologies. Today, the upfront cost of LED lighting exceeds the upfront cost for some traditional lighting technologies that provide similar lumen output in many applications. However, for environmental reasons, among others, some governments around the world have used policy initiatives to accelerate the development and adoption of LED lighting and other non-traditional lighting technologies that are seen as more environmentally-friendly compared to some traditional lighting technologies. Reductions in, or eliminations of, government investment and favorable energy policies could result in decreased demand for our products and decrease our revenues, profits, margins and prospects.

Political, Geographical and Economic Risks

Due to the location of our operations, we are vulnerable to natural disasters and other events, which may seriously disrupt our operations.

Most of our operations are located in Taiwan, and the operations of many of our LED manufacturing service providers, suppliers and customers are located in Taiwan and the PRC. Our revenues derived from customers located in Taiwan and China (including Hong Kong) were 0.5% and 14% for the years ended August 31, 2025 and 2024, respectively. Our operations and the operations of our customers and suppliers are vulnerable to earthquakes, tsunamis, floods, droughts, typhoons, fires, power losses and other major catastrophic events, including the outbreak, or threatened outbreak, of any widespread communicable diseases. Disruption of operations due to any of these events may require us to evacuate personnel or suspend operations, which could reduce our productivity. Such disasters may also damage our facilities and equipment and cause us to incur additional costs to repair our facilities or procure new equipment, or result in personal injuries or fatalities or result in the termination of our leases and land use agreements. Any resulting delays in shipments of our products could also cause our customers to obtain products from other sources. Although we maintain property insurance for such risks, there is no guarantee that future damages or business losses from earthquakes and catastrophic other events will be covered by such insurance, that we will be able to collect from our insurance carriers, should we choose to claim under our insurance policies, or that such coverage will be sufficient. In addition, natural disasters, such as earthquakes, tsunamis, floods and typhoons, may also disrupt or seriously affect the operations of our customers and suppliers, resulting in reduced orders or shipments or the inability to perform contractual obligations. The occurrence of any of these events could have a material adverse effect on our business, financial condition and results of operations.

Strained relations between the PRC and Taiwan could negatively affect our business and the market price of our common stock.

Taiwan has a unique international political status. Since 1949, Taiwan and the PRC have been separately governed. The PRC government claims that it is the sole government in China and that Taiwan is part of China. Although significant economic and cultural relations have been established during recent years between Taiwan and the PRC, the PRC government has refused to renounce the possibility that it may at some point use force to gain control over Taiwan. Furthermore, the PRC government adopted an anti-secession law relating to Taiwan. Relations between Taiwan and the PRC governments have been strained in recent years for a variety of reasons, including the PRC government's position on the "One China" policy and tensions concerning arms sales to Taiwan by the United States government. Any tension between the Taiwan government and the PRC government, or between the United States and China, could materially and adversely affect the market prices of our common stock.

Past developments in relations between the R.O.C. and the PRC have on occasions depressed the market prices of the securities of companies in the R.O.C. Such initiatives and actions are commonly viewed as having a detrimental effect to reunification efforts between the R.O.C. and the PRC. Relations between the R.O.C. and the PRC and other factors affecting military, political or economic conditions in Taiwan could materially and adversely affect our financial condition and results of operations, as well as the market price and the liquidity of our securities.

If the U.S. dollar or other currencies in which our sales, raw materials, component purchases and capital expenditures are denominated fluctuate significantly against the New Taiwan, or NT, dollar and other currencies, our profitability may be seriously affected.

We have significant foreign currency exposure and are primarily affected by fluctuations in exchange rates among the U.S. dollar, the NT dollar and other currencies. A portion of our revenues and expenses are denominated in currencies other than NT dollars, primarily U.S. dollars. We do not hedge our net foreign exchange positions through the use of forward exchange contracts or otherwise and as a result we are affected by fluctuations in exchange rates among the U.S. dollar, the NT dollar and other currencies. For example, the recently imposed and proposed tariffs by the United States on goods imported from many countries caused severe volatility in global currency exchange rate fluctuations that resulted in the strengthening of the U.S. dollar against foreign currencies in which we conduct business. Any significant fluctuation in exchange rates may be harmful to our financial condition and results of operations.

The PRC government's control of currency conversion and changes in the exchange rate between the Renminbi and other currencies could negatively affect our financial condition and our ability to pay dividends.

The PRC government imposes controls on the convertibility of the Renminbi into foreign currencies and, in certain cases, the remittance of currency out of China. Under existing PRC foreign exchange regulations, payments of current account items, including profit distributions, interest payments and expenditures from trade related transactions, can be made in foreign currencies without prior approval from State Administration of Foreign Exchange in China, or SAFE, provided that we satisfy certain procedural requirements. However, approval from SAFE or its local counterpart is required where Renminbi is to be converted into foreign currency and remitted out of China to pay capital expenses such as the repayment of loans denominated in foreign currencies. The PRC government may also at its discretion

restrict access in the future to foreign currencies for current account transactions. Our revenue from sales in China (including Hong Kong) accounted for 0.3% and 1% of our revenues for the years ended August 31, 2025 and 2024, respectively.

Failure to comply with the U.S. Foreign Corrupt Practices Act could subject us to penalties and other adverse consequences.

We are subject to the U.S. Foreign Corrupt Practices Act, or FCPA, which generally prohibits U.S. companies from engaging in bribery or making other prohibited payments to foreign officials for the purpose of obtaining or retaining business. In addition, we are required to maintain records that accurately and fairly represent our transactions and have an adequate system of internal accounting controls. Foreign companies, including some that may compete with us, may not be subject to these prohibitions, and therefore may have a competitive advantage. In the past, there have been instances of corruption, extortion, bribery, pay-offs, theft and other fraudulent practices in Taiwan and China, as well as other Asian countries and Russia. We cannot assure that our employees or other agents will not engage in such conduct and render us responsible under the FCPA. If our employees or other agents are found to have engaged in corrupt or fraudulent business practices, we could suffer severe penalties and other consequences that may have a material adverse effect on our business, financial condition and results of operations.

Item 1B. Unresolved Staff Comments

Not applicable.

Item 1C. Cybersecurity

Risk Management and Strategy

We have dedicated to advance our cybersecurity risk management and integrated it into our overall risk management program, which program manages cybersecurity, financial, operational and compliance risks. To access, identify and manage cybersecurity threats, we implemented a cybersecurity risk management program with oversight by our Board of Directors (“Board”). Our management, led by an experienced information security team, continually monitors cybersecurity risk incidents.

Our cybersecurity risk management program sets forth a framework provided by our information security team to identify and mitigate vulnerabilities and risks in our information systems. Elements of the program include, among the other things, penetration tests on our networks and engaging in annual employee cybersecurity training.

We have engaged a third-party service provider periodically to review and improve our cybersecurity risk management framework, including by identifying third-parties information systems that could cause cybersecurity incidents to our business.

Governance

Our information security team, including our system engineering department leader who manages our information technology, is responsible for accessing and managing cybersecurity operations and incident response, reports cybersecurity incidents to management and, if the incidents are material, our audit committee. The members of our information security team each have over 10 years of experience and extensive knowledge in managing cybersecurity programs.

Our Audit Committee assists the Board in overseeing cybersecurity risks, including discussing with management and the information security team if cybersecurity threats are identified, and recommends cybersecurity framework improvements to the Board.

Item 2. Properties

The following are significant manufacturing and office facilities that we own or lease as of August 31, 2025:

- We own a four-story building located in Hsinchu Science Park, Taiwan. We occupy approximately 183 thousand square feet of the building, and we lease approximately 55 thousand square feet of space to a third-party tenant. Approximately 32% of our occupied space in the building is devoted to our manufacturing operations. We lease the land on which the building is situated from the Science Park Administration in Hsinchu.

Item 3. *Legal Proceedings*

Due to the complex technology required to compete successfully in the LED industry, participants in our industry are often engaged in significant intellectual property licensing arrangements, negotiations, disputes and litigation. We are directly or indirectly involved from time to time and may be named in various other claims or legal proceedings arising in the ordinary course of our business or otherwise.

There were no material pending legal proceedings or claims as of August 31, 2025.

Item 4. *Mine Safety Disclosures*

Not applicable.

PART II.

Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Market Price Information for our Common Stock

Our common stock began trading on the NASDAQ Global Select Market under the symbol "LEDS" on December 8, 2010 and was transferred to the NASDAQ Capital Market effective November 5, 2015 where it continues to trade under the same symbol.

There were 42 holders of record of our common stock as of November 20, 2025.

Dividends

We have never declared or paid any cash dividends on our common stock. We currently intend to retain any future earnings to fund the development and expansion of our business, and therefore we do not anticipate paying cash dividends on our common stock in the foreseeable future. Any future determination to pay dividends will be at the discretion of our board of directors and will depend on our results of operations, financial condition, capital requirements, contractual restrictions and other factors deemed relevant by our board of directors.

Recent Sales of Unregistered Securities

None.

Issuer Purchases of Equity Securities

We did not make any repurchases of our common stock, and no purchases of common stock were made on our behalf during the fourth quarter of our fiscal 2025.

Item 6. [Reserved]

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis of our financial condition and results of operations is based upon and should be read in conjunction with the audited consolidated financial statements and the notes included elsewhere in this Annual Report on Form 10-K, as well as the Risk Factors contained in Part I, Item 1A of this Annual Report on Form 10-K, and other information provided from time to time in our other filings with the SEC.

Overview

We develop, manufacture and sell light emitting diode (LED) chips, LED components, LED modules and systems. Our products are used for general specialty industrial applications, including ultraviolet, or UV, curing of polymers, LED light therapy in medical/cosmetic applications, counterfeit detection, LED lighting for horticulture applications, architectural lighting and entertainment lighting.

We package our LED chips into LED components, which we sell to distributors and a customer base that is heavily concentrated in a few select markets, including India, Japan, the Netherlands and the United States. We also sell our "Enhanced Vertical," or EV, LED product series in blue, white, green and UV in selected markets. Our lighting products customers are primarily original design manufacturers, or ODMs, of lighting products and the end users of lighting devices. We also contract other manufacturers to produce for our sale certain LED products, and for certain aspects of our product fabrication, assembly and packaging processes, based on our design and technology requirements and under our quality control specifications and final inspection process. In addition, in fiscal year 2025, we entered into a number buy-sell orders for equipment that we purchased and then sold to our customer.

We are a holding company for our wholly owned operating subsidiary, Taiwan Bandaoti Zhaoming Co., Ltd., which conducts our research, development, manufacturing, marketing and sale of LED components and employs the Company's employees.

Key Factors Affecting Our Financial Condition, Results of Operations and Business

The following are key factors that we believe affect our financial condition, results of operations and business:

- ***Our ability to continue or grow with buy-sell revenue.*** Our recent reliance on buy-sell purchase orders of equipment has improved our gross profit, operating results and cash flows. We anticipate our buy-sell purchase orders will continue from period to period. However, if orders diminish or cease altogether, our gross margin, operating results, and cash flows could be adversely affected.
- ***Our ability to raise additional debt funding, sell additional equity securities and improve our liquidity.*** We need to improve our liquidity, access alternative sources of funding and obtain additional equity capital or debt when necessary for our operations. However, we may not be able to obtain such debt funding or sell equity securities on terms that are favorable to us, or at all. The raising of additional debt funding by us, if required and available, would result in increased debt service obligations and could result in additional operating and financing covenants, or liens on our assets, that would restrict our operations. The sale of additional equity securities, if required and available, could result in dilution to our stockholders.
- ***Our ability to source chips from other chip suppliers.*** Our reliance on our chip suppliers exposes us to a number of significant risks, including reduced control over delivery schedules, quality assurance and production costs, lack of guaranteed production capacity or product supply. If our chip suppliers are unable or unwilling to continue to supply our chips at requested quality, quantity, performance and costs, or in a timely manner, our business and reputation could be seriously harmed. Our inability to procure chips from other chip suppliers at the desired quality, quantity, performance and cost might result in unforeseen manufacturing and operations problems. In such events, our customer relationships, business, financial condition and results of operations would be adversely affected.
- ***Industry growth and demand for products and applications using LEDs.*** The overall adoption of LED lighting devices to replace traditional lighting sources is expected to influence the growth and demand for LED chips and component products and impact our financial performance. We believe the potential market for LED lighting will continue to expand. LEDs for efficient generation of UV light are also starting to gain attention for various medical, germicidal and industrial applications. Since a substantial portion of our LED chips, LED components and our lighting products are used by end-users in general lighting applications and specialty industrial applications such as UV curing, medical/cosmetic, counterfeit detection, horticulture, architectural lighting and entertainment lighting the adoption of LEDs into these applications will have a strong impact on the demand of LED chips generally and, as a result, for our LED chips, LED components and LED lighting products.
- ***Average selling price of our products.*** The average selling price of our products may decline for a variety of factors, including prices charged by our competitors, the efficacy of our products, our cost basis, changes in our product mix, the size of the order and our relationship with the relevant customer, as well as general market and economic conditions. Competition in the markets for LED products is intense, and we expect that competition will continue to increase, thereby creating a highly aggressive pricing environment. For example, some of our competitors have in the past reduced their average selling prices, and the resulting competitive pricing pressures have caused us to similarly reduce our prices, accelerating the decline in our revenues

and the gross margin of our products. When prices decline, we must also write down the value of our inventory. Furthermore, the average selling prices for our LED products have typically decreased over product life cycles. Therefore, our ability to continue to innovate and offer competitive products that meet our customers' specifications and pricing requirements, such as higher efficacy LED products at lower costs, will have a material influence on our ability to improve our revenues and product margins, although in the near term the introduction of such higher performance LED products may further reduce the selling prices of our existing products or render them obsolete.

- ***Changes in our product mix.*** We anticipate that our gross margins will continue to fluctuate from period to period as a result of the mix of products that we sell and the utilization of our manufacturing capacity in any given period, among other things. For example, we continue to pursue opportunities for profitable growth in areas of business where we see the best opportunity to develop as an end-to-end LED module solution supplier by providing our customers with high quality, flexible and more complete LED system solution, customer technical support and LED module/system design, as opposed to just providing customers with individual components. As a strategic plan, we have placed greater emphasis on the sales of LED components rather than the sales of LED chips where we have been forced to cut prices on older inventory. The growth of our module products and the continued commercial sales of our UV LED product are expected to improve our gross margin, operating results and cash flows. In addition, we have adjusted the lower-priced LED components strategy as appropriate. We have adopted a strategy to adjust our product mix by exiting certain high volume but low unit selling price product lines in response to the general trend of lower average selling prices for products that have been available in the market for some time. However, as we expand and diversify our product offerings and with varying average selling prices, or execute new business initiatives, a change in the mix of products that we sell in any given period may increase volatility in our revenues and gross margin from period to period.
- ***Our ability to reduce cost to offset lower average selling prices.*** Competitors may reduce average selling prices faster than our ability to reduce costs, and competitive pricing pressures may accelerate the rate of decline of our average selling prices. To address increased pricing pressure, we have improved and increased our production yields to reduce the per-unit cost of production of our products. However, such cost savings currently have limited impact on our gross profit, as we currently suffer from the underutilization of manufacturing capacity and must absorb a high level of fixed costs, such as depreciation. While we intend to focus on managing our costs and expenses, over the long term we expect to be required to invest substantially in LED component products development and production equipment if we are to grow.
- ***Our ability to continue to innovate.*** As part of our growth strategy, we plan to continue to be innovative in product design, to deliver new products and to improve our manufacturing efficiencies. Our continued success depends on our ability to develop and introduce new, technologically advanced and lower cost products, such as more efficient, better performance LED component products. If we are unable to introduce new products that are commercially viable and meet rapidly evolving customer requirements or keep pace with evolving technological standards and market developments or are otherwise unable to execute our product innovation strategy effectively, we may not be able to take advantage of market opportunities as they arise, execute our business plan or be able to compete effectively. To differentiate ourselves from other LED package manufacturers, we are putting more resources towards module and system design. Along with our technical know-how in the chip and package sectors, we are able to further integrate electrical, thermal and mechanical manufacturing resources to provide customers with one-stop system services. Services include design, prototyping, OEM and ODM. Key markets that we intend to target at the system end include different types of UV LED industrial printers, aquarium lighting, medical applications, niche imaging light engines, horticultural lighting and high standard commercial lighting. The modules are designed for various printing, curing, and PCB exposure industrial equipment, providing uncompromised reliability and optical output. Our LED components include different sizes and wattage to accommodate different demands in the LED market.

- **General economic conditions and geographic concentration.** Many countries including the United States and the European Union (the “E.U.”) members have instituted, or have announced plans to institute, government regulations and programs designed to encourage or mandate increased energy efficiency in lighting. These actions include in certain cases banning the sale after specified dates of certain forms of incandescent lighting, which are advancing the adoption of more energy efficient lighting solutions such as LEDs. When the global economy slows or a financial crisis occurs, consumer and government confidence declines, with levels of government grants and subsidies for LED adoption and consumer spending likely to be adversely impacted. Our revenues have been concentrated in a few select markets, including India, Japan, the Netherlands and the United States. Given that we are operating in a rapidly changing industry, our sales in specific markets may fluctuate from quarter to quarter. Therefore, our financial results will be impacted by general economic and political conditions in such markets. For example, the aggressive support by the Chinese government for the LED industry through significant government incentives and subsidies to encourage the use of LED lighting and to establish the LED-sector companies has resulted in production overcapacity in the market and intense competition. Furthermore, due to Chinese package manufacturers increasing usage of domestic LED chips, prices are increasingly competitive, leading to Chinese manufacturers growing market share in the global LED industry. In addition, we have historically derived a significant portion of our revenues from a limited number of customers. Some of our largest customers and what we produce/have produced for them have changed from quarter to quarter primarily as a result of the timing of discrete, large project-based purchases and broadening customer base, among other things. For the years ended August 31, 2025 and 2024, sales to our three largest customers, in the aggregate, accounted for 94% and 61% of our revenues, respectively.
- **Intellectual property issues.** Competitors of ours and other third parties have in the past and will likely from time to time in the future allege that our products infringe on their intellectual property rights. Defending against any intellectual property infringement claims would likely result in costly litigation and ultimately may lead to our not being able to manufacture, use or sell products found to be infringing. However, other third parties may also assert infringement claims against our customers with respect to our products, or our customers’ products that incorporate our technologies or products. Any such legal action or the threat of legal action against us, or our customers, could impair such customers’ continued demand for our products. This could prevent us from growing or even maintaining our revenues, or cause us to incur additional costs and expenses, and adversely affect our financial condition and results of operations.
- **Cash position.** Our cash and cash equivalents were \$2.6 million and \$1.7 million as of August 31, 2025 and 2024, respectively. We have implemented actions to accelerate operating cost reductions and improve operational efficiencies. The plan is further enhanced through the fabless business model in which we implemented certain workforce reductions and are exploring the opportunities to sell certain equipment related to the manufacturing of vertical LED chips, in order to reduce the idle capacity charges and minimize our research and development activities associated with chips manufacturing operation. Based on our current financial projections and assuming our outstanding notes are converted or extended, we believe that we will have sufficient sources of liquidity to fund our operations and capital expenditure plans for the next 12 months.

Components of Consolidated Statements of Operations

Revenues, net

Our core products are LED components, LED modules and systems, which are the most important part of our business, as well as LED chips and lighting products.

Our revenues are affected by sales volumes of our LED chips, LED components and lighting products and our average selling prices for such products. In addition, as we expand and diversify our product offerings and with varying average selling prices, any change in the mix of products that we sell in any given period may affect our total revenues. For example, average selling prices for our LED components are generally higher than for LED chips and the average selling prices for our lighting products are higher than for our LED chips and LED components.

We recognize revenue on sales of our products when persuasive evidence of an arrangement exists, the price is fixed or determinable, ownership and risk of loss has transferred and collection of the sales proceeds is probable. We obtain written purchase authorizations from our customers as evidence of an arrangement and these authorizations generally provide for a specified amount of product at a fixed price. We typically consider delivery to have occurred at the time of shipment, unless otherwise agreed in the applicable sales terms, as this is generally when title and risk of loss for the product passes to the customer.

Our larger customers typically provide us with non-binding rolling forecasts of their requirements for the coming one to three months; however, recent global economic uncertainty and weakness has led to reduced spending in our target markets and made it difficult for our customers and us to accurately forecast and plan future business activities. Our customers may increase, decrease, cancel or delay purchase orders already in place, with no material consequences to the customer. As a result, we may face increased inventories and our backlog may decline as a result of any economic downturn or material change in market conditions or economic outlook. We price our products in accordance with prevailing market conditions, taking into account the technical specifications of the product being sold, the order volume, the strength and history of our relationship with the customer, our inventory levels and our capacity utilization. When average selling prices drop, as they did in recent years, inventory write-downs to net realizable values may also result.

Our customers consist primarily of packagers, ODMs and end-customers. Our revenues attributable to our ten largest customers accounted for 99% and 91% of our revenues for the years ended August 31, 2025 and 2024, respectively.

Our revenues have been concentrated in a few select markets, including India, Japan, the Netherlands and the United States. Net revenues generated from these countries, in the aggregate, accounted for 97% and 78% of our net revenues for the years ended August 31, 2025 and 2024, respectively. We expect that our revenues will continue to be substantially derived from these countries for the foreseeable future. Given that we are operating in a rapidly changing industry, our sales in specific markets may fluctuate from quarter to quarter. Therefore, our financial results will be impacted by general economic and political conditions in such markets.

Our revenues are presented net of estimated sales returns and discounts. We estimate sales returns and discounts based on our historical discounts and return rates and our assessment of future conditions.

Cost of Revenues

Our cost of revenues consists primarily of cost of materials, depreciation expenses, manufacturing overhead costs, direct labor costs and utilities cost, all related to the manufacture of our LED products. Materials include raw materials, other materials such as gases and chemicals, consumables, and assembly materials. Because our products are manufactured based on customers' orders and specifications and we purchase materials and supplies to support such orders, we generally purchase our materials at spot prices in the marketplace and do not maintain long-term supply contracts. We purchase materials from several suppliers. Our procurement policy is to select only a small number of qualified vendors who demonstrate quality of materials and reliability on delivery time. We are subject to variations in the cost of our materials and consumables from period to period. Moreover, because we consume a significant amount of electricity in our manufacturing process, any fluctuations in electricity costs will have an impact on our cost of revenues. We also use contract manufacturers to produce for our certain LED products, and for certain aspects of our product fabrication, assembly and packaging processes, based on our design and technology requirements and under our quality control specifications and final inspection process.

Direct labor costs consist of salary (including stock-based compensation expenses), bonus, training, retirement and other costs related to our employees engaged in the manufacture of our products. Manufacturing overhead costs consist primarily of salaries, bonuses and other benefits (including stock-based compensation expenses) for our administrative personnel allocated to manufacturing functions, repairs and maintenance costs for equipment and machinery maintenance costs and lease expenses.

Our cost of revenues also includes excess capacity charges as a result of the underutilization of our manufacturing capacity and inventory valuation adjustments to write down our inventories to their estimated net realizable values as a result of declines in their average selling prices.

Operating Expenses

Research and development. Our research and development expenses, which are expensed as incurred, consist primarily of expenses related to employee salaries, bonuses and other benefits (including stock-based compensation expenses) for our research and development personnel, engineering charges related to product design, purchases of materials and supplies, repairs and maintenance and depreciation related expenses.

Selling, general and administrative. Selling, general and administrative expenses consist primarily of salaries, bonuses and other benefits (including stock-based compensation expenses) for our administrative, sales and marketing personnel, expenses for professional services, which include fees and expenses for accounting, legal, tax and valuation services, amortization and depreciation related expenses, marketing related travel, lease expenses, entertainment expenses, allowance for doubtful accounts and general office related expenses, as well as compensation to our directors. We expect our selling, general and administrative expenses to decrease as we continue to implement cost reduction initiatives, such as spending controls, and as we continue to streamline our operations.

Gain on disposal of long-lived assets, net. We recognized zero and \$49 thousand of gain on the disposal of long-lived assets for the years ended August 31, 2025 and 2024, respectively. Due to the excess capacity charges that we have suffered for many years, considering

the risk of technological obsolescence and according to the production plan built based on our sales forecast, we disposed of a certain level of our idle equipment.

Other Income (Expense)

Interest expenses, net. Interest expenses, net consist of interest income and interest expense. Interest income represents interest earned from our cash and cash equivalents deposited with commercial banks in the United States and Taiwan. As of August 31, 2025 and 2024, we had cash and cash equivalents of \$2.6 million and \$1.7 million, respectively, which consisted of time deposits with initial maturity of greater than three months but less than one year. Interest expense consists primarily of interest on our convertible notes and long-term borrowings and/or short-term lines of credit with certain banks in Taiwan as well as with our Chairman and largest stockholder. We had long-term debt totaling \$1.7 million and \$3.7 million as of August 31, 2025 and 2024, respectively.

Other income, net. Other income for the years ended August 31, 2025 and 2024 primarily consists of rental income from the lease of spare space in our Hsinchu building.

Foreign currency transaction gain (loss), net. We recognized a foreign currency transaction gain of \$464 thousand and a foreign currency transaction loss of \$13 thousand for the years ended August 31, 2025 and 2024, respectively, primarily due to the impact of fluctuations in the exchange rate of the U.S. dollar against the NT dollar from bank deposits and accounts payable held by Taiwan Bandaoti Zhaoming Co., Ltd. in currency other than the functional currency of such subsidiaries.

Provision for Income Taxes

United States tax treatment. We and one of our subsidiaries, Helios Crew, are United States corporations and are therefore required to file federal income tax returns with the Internal Revenue Service as well as with certain applicable state tax authorities. As our operations in the United States have been minimal, we have not to date recorded nor paid any significant federal or state corporate income tax.

We have investments in controlled foreign corporations and affiliates, which under Subpart F of the United States Internal Revenue Code, or Subpart F, may under certain circumstances subject our investments in controlled foreign corporations and affiliates to taxation in the United States. Subpart F provides that United States corporations may be required to include in their income certain undistributed earnings of the foreign corporations and affiliates as though such earnings had been distributed currently. Subpart F applies only to United States shareholders (such as us) who hold an interest in a foreign corporation and affiliates that meet the definition of a “controlled foreign corporation.” Under Section 957(a) of the United States Internal Revenue Code, a “controlled foreign corporation” means any foreign corporation if more than 50% of either (i) the total combined voting power of all classes of stock of such corporation entitled to vote, or (ii) the total value of the stock of such corporation, is owned by “United States Shareholders” on any day during the foreign corporation’s taxable year.

Subpart F does not apply, however, to the income of a controlled foreign corporation generated from the sale of goods that are manufactured in its country of incorporation. Also, any income attributable to a controlled foreign corporation and its affiliates that is not engaged in a United States trade or business is generally not subject to United States taxation until its earnings are distributed, or the stock of the foreign corporation is disposed. All of our products are manufactured in Taiwan by Taiwan Bandaoti Zhaoming Co., Ltd., our wholly owned foreign subsidiary. Because Taiwan Bandaoti Zhaoming Co., Ltd. conducts its manufacturing activities in Taiwan, the income or loss of Taiwan Bandaoti Zhaoming Co., Ltd. is included in our consolidated financial statements, but is not considered taxable income for United States taxation purposes pursuant to Section 954(d)(1)(A) of the United States Internal Revenue Code. This generally enables a United States taxpayer, such as us, to indefinitely defer United States taxation on the profits earned by its controlled foreign corporations and affiliates by retaining the earnings in such entities. We do not currently have any plans to repatriate any of our retained earnings from any of our controlled foreign subsidiaries or affiliates and we do not currently have any plans to declare or pay any dividends from such entities.

On December 22, 2017, the U.S. Tax Cuts and Jobs Act was adopted, which among other effects, reduced the U.S. federal corporate income tax rate to 21% from 34% (or 35% in certain cases) beginning in 2018, requires companies to pay a one-time transition tax on certain unrepatriated earnings from non-U.S. subsidiaries that is payable over eight years, makes the receipt of future non-U.S. sourced income of non-U.S. subsidiaries tax-free to U.S. companies and creates a new minimum tax on the earnings of non-U.S. subsidiaries relating to the parent’s deductions for payments to the subsidiaries. Our provisional estimate is that no tax will be due under this provision.

On July 4, 2025, the One Big Beautiful Bill Act (“OBBBA”) was enacted in the U.S. The OBBBA includes significant provisions, such as the permanent extension of certain expiring provisions of the Tax Cuts and Jobs Act, modifications to the international tax framework and the restoration of favorable tax treatment for certain business provisions. The legislation has multiple effective dates, with certain provisions effective in 2025 and others implemented through 2027. The provisions of the legislation that were effective for fiscal

2025 did not have a material impact on the Company's fiscal 2025 income tax expense. The Company is currently assessing the impact of the provisions of the OBBBA that are effective in future years on its future consolidated financial statements.

The current presidential administration in the United States modified the rules governing taxation of controlled foreign corporations and affiliates and any such changes were not expected to result in our having to pay applicable taxes in the United States on income earned by such entities.

Taiwan tax treatment. The corporate income tax rate in Taiwan is 20% for the year ended August 31, 2025 and 2024. Corporate income taxes payable, however, are subject to an alternative minimum tax. The Taiwan government enacted the Taiwan Alternative Minimum Tax Act, or the AMT Act, on January 1, 2006. Under the AMT Act, a taxpayer must pay the higher of its taxable income multiplied by the corporate income tax rate or the alternative minimum tax, or AMT. In calculating the AMT amount, the taxpayer must include income that would otherwise be exempt from taxation pursuant to various tax holidays or investment tax credits, other than certain exemptions or tax credits that have been grandfathered for the purposes of calculating AMT. The AMT rate for business entities is 12%. In addition to the statutory corporate taxes payable, or the AMT, corporate taxpayers in Taiwan are subject to an additional tax on distributable retained earnings (after statutory legal reserves) to the extent that such earnings are not distributed prior to the end of the subsequent year. This undistributed earnings surtax is determined in the subsequent year when the distribution plan relating to earnings attributable to the prior year is approved by a company's stockholders and is payable in the subsequent year. The surtax rate has been reduced from 10% to 5%, starting applicable to the undistributed retained earnings of the year ended August 31, 2019. Because most of our subsidiaries in Taiwan incurred losses before income tax for both our fiscal year 2025 and 2024, we do not expect to pay such taxes on undistributed earnings.

In addition, in accordance with the Taiwan Income Tax Act, dividends distributed by companies incorporated in accordance with the Taiwan Company Act shall be deemed as income derived from sources in Taiwan and income taxes shall be levied on the shareholders receiving such dividends. In the event that a Taiwan incorporated company distributes dividends to its foreign shareholders, it will be required to withhold tax payable by the foreign shareholders at the time of payment at a rate of 20% or a lower tax treaty rate if applicable. Therefore, dividends received from our subsidiaries in Taiwan, if any, will be subjected to withholding tax under Taiwan law.

As of August 31, 2025, we had total foreign net operating loss carryforwards of \$37 million, arising primarily from certain of our consolidated and majority owned subsidiaries in Taiwan, which will expire in various amounts in future years. Pursuant to the Taiwan Income Tax Act, as amended in January 2009, net operating loss carryforwards can be carried forward for a period of ten years.

Income Taxes

We are subject to income taxes in both the United States and foreign jurisdictions. Significant management judgment is required in determining our income taxes, our deferred tax assets and liabilities and any valuation allowance recorded against our net deferred tax assets. Our deferred tax assets represent future tax benefits to be received when certain expenses previously recognized in our consolidated statements of operations become deductible expenses under applicable income tax laws or when loss or credit carryforwards are utilized. Realization of these deferred tax assets is dependent on our ability to earn future taxable income against which these deductions, losses and credits can be utilized. Therefore, we assess the likelihood that our deferred tax assets will be recovered from future taxable income and, to the extent we believe that recovery is not more likely than not, a valuation allowance is established. These estimates and judgments about our future taxable income are based on assumptions that are consistent with our future plans. A net cumulative loss in recent years is a significant piece of negative evidence in determining the realization of the benefits of deferred tax assets. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs. We have provided a full valuation allowance on our deferred tax assets because our cumulative losses in recent years causes us to believe that realization of our deferred tax assets is not more likely than not.

Inventory Valuation

Inventories consist of raw materials, work in process and finished goods and are stated at the lower of cost or net realizable value. We determine cost using a weighted average. For work in process and manufactured inventories, cost consists of raw materials, direct labor and an allocated portion of our production overhead. At each balance sheet date, we evaluate our ending inventories for excess quantities and obsolescence, and we write down our inventory to its estimated net realizable value based upon assumptions about future demand and market conditions. Our estimation of future demand is primarily based on the backlog of customer orders as of the balance sheet date and projections based on our actual historical sales trends and customers' demand forecast. We evaluated our inventories on an individual item basis. For our finished goods and work in process, if the estimated net realizable value for an inventory item, which is the estimated selling price in the ordinary course of business, less reasonably predictable costs to completion and disposal, is lower than its cost, the specific inventory item is written down to its estimated net realizable value. Market for raw materials is based on replacement cost. We also write down items that are considered obsolete based upon changes in customer demand, manufacturing process changes or new product introductions that may eliminate demand for the product. Once written down, inventories are carried at this lower amount until sold or

scrapped. Provisions for inventory write-downs are included in our costs of revenues in the consolidated statements of operations. There is significant judgment involved with the estimates of excess and obsolescence and if our estimates regarding customer demand or other factors are inaccurate or actual market conditions or technological changes are less favorable than those estimated by management, additional future inventory write-downs may be required that could adversely affect our operating results. Inventory write-downs totaled \$323 thousand and \$411 thousand for the years ended August 31, 2025 and 2024, respectively. A majority of our inventory write-downs during the years ended August 31, 2025 and 2024 was related to finished goods and work in process, primarily as a result of obsolescence.

Useful Life of Property, Plant and Equipment

Property, plant and equipment are stated at cost less accumulated depreciation and amortization. Depreciation on property, plant and equipment is calculated using the straight-line method over the estimated useful lives of the assets. Leasehold improvements are amortized using the straight-line method over the shorter of the lease term or the estimated useful life of the asset. We make estimates of the useful life of our property, plant and equipment in order to determine depreciation expense to be recorded each reporting period based on similar assets purchased in the past and our historical experience with such similar assets, as well anticipated technological or market changes. The estimated useful life of our property, plant and equipment directly impacts the timing of when our depreciation expense is recognized. There is significant judgment involved with estimating the useful lives of our property, plant and equipment, and a change in the estimates of such useful lives could cause our depreciation expense in future periods to increase significantly.

Impairment of Long-lived Assets

In assessing the recoverability of our long-lived assets, we first, determine whether indicators of impairment are present. Circumstances such as the discontinuation of a product or product line, a sudden or consistent decline in the forecast for a product, changes in technology or in the way an asset is being used, a history of negative operating cash flow, or an adverse change in legal factors or in the business climate, among others, may trigger an impairment review. Second, if we determine that indicators of impairment are present, we determine whether the estimated undiscounted cash flows expected to be generated from the use and eventual disposal of the potentially impaired assets (or asset group) are less than the carrying amount. Third, if such estimated undiscounted cash flows do not exceed the carrying amount, we estimate the fair value of the asset (or asset group) and recognize an impairment charge if the carrying amount is greater than the fair value of the asset (or asset group). Fair value is determined through various valuation techniques, including discounted cash flow models, quoted market values and third-party independent appraisers, as considered necessary. We group our long-lived assets with other assets and liabilities at the lowest level for which identifiable cash flows are generated, or an asset group. We determined that we have two asset groups for impairment testing purposes, one of which is associated with the manufacture and sale of LED chips and LED components, and the other is associated with our Ning Xiang subsidiary, which is engaged in the manufacture and sale of lighting fixtures and systems.

The estimates of future cash flows involve subjective judgments and represent our best estimate at each date of assessment about future developments, determined based on reasonable and supportable assumptions and projections taking into account past experience, as well as market data obtained from independent external sources. The use of different assumptions could increase or decrease the estimates of expected future cash flows and consequently, increase or decrease the related impairment charges. For example, if the average selling prices continue to decline beyond the assumptions used in our forecast of future cash flows expected to be generated by the asset groups, or if demand for our LED products does not grow as we anticipate, or if utilization rates are lower than anticipated, it is reasonably possible that the estimate of expected future cash flows may change in the near term resulting in the need to adjust our determination of fair value.

For the year ended August 31, 2025, lower than projected sales of our LED products and lower market capitalization compared to our consolidated net book values again indicated potential impairment of our long-lived assets. We projected undiscounted future cash flows to analyze potential impairment, based upon a variety of factors, including primarily our continuous efforts to suppress gross loss from chip sales and the cooperation model discussed with other parties, considering all known trends and uncertainties. The significant assumptions used in determining the estimated undiscounted cash flows for the LED chips and components asset group were revised to reflect the new operation status. Based on the assessment, the expected undiscounted cash flows to be generated by this asset group exceeded its carrying value. Consequently, no asset impairment was recognized during the year ended August 31, 2025.

Critical Accounting Policies and Estimates

We believe that the application of the following accounting policies, which are important to our financial position and results of operations, require significant judgments and estimates on the part of management. For a summary of our significant accounting policies, including the accounting policies discussed below, see Note 2 to the Consolidated Financial Statements.

Revenue Recognition

The Company recognizes the amount of revenue when the Company satisfies a performance obligation to which it expects to be entitled for the transfer of promised goods or services to customers. The Company obtains written purchase authorizations from its customers as evidence of an arrangement and these authorizations generally provide for a specified amount of product at a fixed price. Generally, the Company considers delivery to have occurred at the time of shipment as this is generally when title and risk of loss for the products will pass to the customer. The Company provides its customers with limited rights of return for non-conforming shipments and product warranty claims. Based on historical return percentages, which have not been material to date, and other relevant factors, the Company estimates its potential future exposure on recorded product sales, which reduces product revenues in the consolidated statements of operations and reduces accounts receivable in the consolidated balance sheets. The Company also provides standard product warranties on its products, which generally range from three months to two years. Management estimates the Company's warranty obligations as a percentage of revenues, based on historical knowledge of warranty costs and other relevant factors. To date, the related estimated warranty provisions have been insignificant. Refer to Note 2 to the Consolidated Financial Statements for our revenue recognition policies.

Accounts Receivable

The allowance for doubtful accounts is based on management's assessment of the collectability of customer accounts. Management regularly reviews the allowance by considering certain factors such as historical experience, industry data, credit quality, age of accounts receivable balances and current economic conditions that may affect a customer's ability to pay. Bad debt expenses were \$115 thousand and zero for the years ended August 31, 2025 and 2024, respectively.

Write-down of Inventories

The Company writes down excess and obsolete inventory to its estimated net realizable value. The net realized value of inventories is the estimated selling price in the ordinary course of business less the estimated costs of completion and disposal. The estimation of net realized value is based on current market conditions and historical experience with product sales of similar nature. Changes in market conditions may have a material impact on the estimation of the net realizable value. For finished goods and work in process, if the estimated net realizable value for an inventory item, which is the estimated selling price in the ordinary course of business, less reasonably predicable costs to completion and disposal, is lower than its cost, the specific inventory item is written down to its estimated net realizable value. Net realizable value for raw materials is based on replacement cost. Provisions for inventory write downs are included in cost of revenues in the consolidated statements of operations. Once written down, inventories are carried at this lower cost basis until sold or scrapped. Inventory write-downs to estimated net realizable values for the years ended August 31, 2025 and 2024 were \$323 thousand and \$411 thousand, respectively.

Exchange Rate Information

We are a Delaware corporation and, under SEC requirements, must report our financial position, results of operations and cash flows in accordance with accounting principles generally accepted in the United States of America, or U.S. GAAP. At the same time, our subsidiaries use the local currency as their functional currency. For example, the functional currency for Taiwan Bandaoti Zhaoming Co., Ltd. is the NT dollar. The assets and liabilities of the subsidiaries are, therefore, translated into U.S. dollars at exchange rates in effect at each balance sheet date, and income and expense accounts are translated at average exchange rates during the period. The resulting translation adjustments are recorded to a separate component of accumulated other comprehensive income (loss) within equity. Any gains and losses from transactions denominated in currencies other than their functional currencies are recognized in the consolidated statements of operations as a separate component of other income (expense). Due to exchange rate fluctuations, such translated amounts may vary from quarter to quarter even in circumstances where such amounts have not materially changed when denominated in their functional currencies.

The translations from NT dollars to U.S. dollars were made at the exchange rates set forth in the statistical release of the Bank of Taiwan. On August 31, 2025 the exchange rate was 30.59 NT dollars to one U.S. dollar. On November 20, 2025, the exchange rate was 31.29 NT dollars to one U.S. dollar.

No representation is made that the NT dollar or U.S. dollar amounts referred to herein could have been or could be converted into U.S. dollars or NT dollars, as the case may be, at any particular rate or at all.

Results of Operations

The following table sets forth, for the periods presented, our consolidated statements of operations information. In the table below and throughout this “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” the following consolidated statement of operations data for the years ended August 31, 2025 and 2024 has been derived from our audited consolidated financial statements included elsewhere in this Annual Report on Form 10-K. The information contained in the table below should be read in conjunction with our consolidated financial statements and notes thereto included in Item 8, Financial Statements and Supplementary Data, of this Annual Report on Form 10-K. The historical results presented below are not necessarily indicative of the results that may be expected for any future period:

	Years Ended August 31,			
	2025		2024	
	\$	% of Revenues	\$	% of Revenues
	(in thousands)			
Consolidated Statement of Operations Data:				
Revenues, net	\$ 43,009	100 %	\$ 5,183	100 %
Cost of revenues	40,578	94 %	4,130	80 %
Gross profit	2,431	6 %	1,053	20 %
Operating expenses:				
Research and development	1,154	3 %	1,160	22 %
Selling, general and administrative	2,872	7 %	2,891	56 %
Gain on disposals of long-lived assets, net	—	— %	(49)	(1) %
Total operating expenses	4,026	10 %	4,002	77 %
Loss from operations	(1,595)	(4) %	(2,949)	(57) %
Other income (expenses):				
Investment loss from unconsolidated entities	(958)	(2) %	(3)	— %
Interest expenses, net	(141)	— %	(247)	(5) %
Other income, net	1,100	3 %	1,181	23 %
Foreign currency transaction gain (loss), net	464	1 %	(13)	— %
Total other income, net	465	2 %	918	18 %
Loss before income taxes	(1,130)	(2) %	(2,031)	(39) %
Income tax expense	—	—	—	—
Net loss	(1,130)	(2) %	(2,031)	(39) %
Less: Net income attributable to noncontrolling interests	—	— %	5	— %
Net loss attributable to SemiLEDs stockholders	\$ (1,130)	(2) %	\$ (2,036)	(39) %

Year Ended August 31, 2025 Compared to Year Ended August 31, 2024

	Years Ended August 31,				Change \$	Change %
	2025		2024			
	\$	% of Revenues	\$	% of Revenues		
	(in thousands)					
LED chips	\$ 149	— %	\$ 93	2 %	\$ 56	60 %
LED components	2,066	5 %	2,656	51 %	(590)	(22) %
Lighting products	228	1 %	212	4 %	16	8 %
Other revenues ⁽¹⁾	40,566	94 %	2,222	43 %	38,344	1,726 %
Total revenues, net	43,009	100 %	5,183	100 %	37,826	730 %
Cost of revenues	40,578	94 %	4,130	80 %	36,448	883 %
Gross profit	\$ 2,431	6 %	\$ 1,053	20 %	\$ 1,378	131 %

- (1) Other revenues for the year ended August 31, 2025 primarily represent revenues attributable to buy-sell purchase orders of equipment. Other revenues for the year ended August 31, 2024 primarily include revenues attributable to the sale of epitaxial wafers, scraps and raw materials and the provision of services.

Revenues, net

Our revenues increased by 730% from \$5.2 million for the year ended August 31, 2024 to \$43 million for the year ended August 31, 2025. The increase in revenues was driven almost entirely by \$38 million in sales of other revenues as a result of buy-sell purchase orders of equipment.

Revenues attributable to the sales of our LED components were \$2.0 million and \$2.7 million of our revenues for the years ended August 31, 2025 and 2024, respectively. The decrease in sales of LED components was primarily due to less volumes sold for the LED components.

Revenues attributable to the sales of lighting products were \$228 thousand and \$212 thousand of our revenues for the years ended August 31, 2025 and 2024, respectively. The increase in sales of lighting products was primarily due to varying volumes sold for lighting products.

Revenues attributable to the sales of our LED chips were \$149 thousand and \$93 thousand of our revenues for the years ended August 31, 2025 and 2024, respectively. The increase in sales of LED chips was primarily due to varying volumes sold for LED chips.

Revenues attributable to other revenues were \$41 million and \$2 million of our revenues for the years ended August 31, 2025 and 2024, respectively. The increase in other revenues was primarily due to buy-sell purchase orders of equipment.

Cost of Revenues

Our cost of revenues increased by 883% from \$4.1 million for the year ended August 31, 2024 to \$41 million for the year ended August 31, 2025. The increase in cost of revenues was due to the cost of equipment relating to buy-sell purchase orders of equipment.

Gross Profit

Our gross profit represented 6% and 20% of our revenues for the year ended August 31, 2025 and 2024, respectively. The decrease in gross margin for the year ended August 31, 2025 was primarily due to the buy-sell purchase orders of equipment, which have lower margins to sales of our products.

Operating Expenses

	Years Ended August 31,				Change \$	Change %
	2025	% of Revenues	2024	% of Revenues		
	\$		\$			
	(in thousands)					
Research and development	\$ 1,154	3 %	\$ 1,160	22 %	\$ (6)	(1) %
Selling, general and administrative	2,872	7 %	2,891	56 %	(19)	(1) %
Gain on disposals of long-lived assets, net	—	— %	(49)	(1) %	49	(100) %
Total operating expenses	<u>\$ 4,026</u>	<u>10 %</u>	<u>\$ 4,002</u>	<u>77 %</u>	<u>\$ 24</u>	<u>1 %</u>

Research and development. Our research and development expenses were \$1.2 million for both the year ended August 31, 2025 and 2024. The slight decrease was primarily due to a \$64 thousand decrease in materials and supplies, partially offset by a \$10 thousand increase in payroll expense.

Selling, general and administrative. Our selling, general and administrative expenses were \$2.9 million for both the years ended August 31, 2025 and 2024. The slight decrease was mainly attributable to a \$134 thousand decrease in payroll expense, offset by a \$115 thousand increase in bad debt expense.

Gain on disposal of long-lived assets, net. We recognized zero and \$49 thousand of gain on the disposal of long-lived assets for the years ended August 31, 2025 and 2024, respectively. Due to the excess capacity charges that we have suffered for many years, and considering the risk of technological obsolescence and according to the production plan built based on our sales forecast, we disposed of certain of our idle equipment in the year ended August 31, 2024.

Other Income (Expenses)

	Years Ended August 31,			
	2025		2024	
	\$	% of Revenues	\$	% of Revenues
	(in thousands)			
Investment loss from unconsolidated entities	\$ (958)	(2) %	\$ (3)	— %
Interest expenses, net	(141)	— %	(247)	(5) %
Other income, net	1,100	3 %	1,181	23 %
Foreign currency transaction gain (loss), net	464	1 %	(13)	— %
Total other income, net	\$ 465	2 %	\$ 918	18 %

Investment loss from unconsolidated entities. Investment loss from unconsolidated entities increased from \$3 thousand for the year ended August 31, 2024 to \$958 thousand for the year ended August 31, 2025, primarily due to the increased losses of the unconsolidated entities.

Interest expenses, net. Interest expenses, net, which primarily consisted of accrued interest payments on loans with our Chairman and Chief Executive Officer and our largest shareholder, decreased from \$247 thousand for the year ended August 31, 2024 to \$140 thousand for the year ended August 31, 2025. The decrease in interest expense, net was primarily due to the repayment \$1.6 million of loan principal in fiscal year 2025.

Other income, net. Other income, net decreased from \$1.2 million for the year ended August 31, 2024 to \$1.1 million for the year ended August 31, 2025, primarily due to reduced payments received under the Patent Cross-License Agreement with CrayonNano AS.

Foreign currency transaction gain (loss), net. We recognized a net foreign currency transaction gain of \$464 thousand and a net foreign currency transaction loss of \$13 thousand for the years ended August 31, 2025 and 2024, respectively, primarily due to the impact of fluctuations in the exchange rate of the U.S. dollar against the NT dollar from bank deposits and accounts receivable.

Income Tax Expense (Benefit)

Our effective tax rate is expected to be approximately zero for both fiscal year 2025 and 2024, since Taiwan Bandaoti Zhaoming Co., Ltd. incurred losses, and because we provided a full valuation allowance on all deferred tax assets, which consisted primarily of net operating loss carryforwards and foreign investment loss.

As of August 31, 2025 and 2024, we recognized full valuation allowances of \$10.8 million and \$13.6 million, respectively, on our net deferred tax assets to reflect uncertainties related to our ability to utilize these deferred tax assets, which consist primarily of certain net operating loss carryforwards and foreign investment loss. We considered both positive and negative evidence, including forecasts of future taxable income and our cumulative loss position, and continued to report a full valuation allowance against our deferred tax assets as of both August 31, 2025 and 2024. We continue to review all available positive and negative evidence in each jurisdiction and our valuation allowance may need to be adjusted in the future as a result of this ongoing review. Given the magnitude of our valuation allowance, future adjustments to this allowance based on actual results could result in a significant adjustment to our results of operations.

As of August 31, 2025, we had U.S. federal net operating loss (“NOLs”) carryforwards of \$4.3 million, which will expire in various amounts beginning in our fiscal 2026. NOLs generated in tax years prior to August 31, 2018 can be carried forward for twenty years, whereas NOLs generated after August 31, 2018 can be carried forward indefinitely. Utilization of these net operating losses carryforwards may be subject to an annual limitation due to applicable provisions of the Internal Revenue Code and local tax laws if we have experienced an “ownership change” in the past, or if an ownership change occurs in the future.

As of August 31, 2025, we had total foreign net operating loss carryforwards of \$37 million, arising primarily from certain of our consolidated and majority owned subsidiaries in Taiwan. Pursuant to the Taiwan Income Tax Act, as amended in January 2009, net operating losses carryforwards can be carried forward for a period of ten years.

Net Income Attributable to Noncontrolling Interests

	Years Ended August 31,			
	2025		2024	
	\$	% of Revenues	\$	% of Revenues
	(in thousands)			
Net Income attributable to noncontrolling interests	\$ —	— %	\$ 5	— %

We recognized zero and \$5 thousand net income attributable to non-controlling interests for the year ended August 31, 2025 and 2024, respectively, which was attributable to the share of the net income of Taiwan Bandaoti Zhaoming Co., Ltd. held by the non-controlling holders. Non-controlling interests represented zero and 2.63% equity interest in Taiwan Bandaoti Zhaoming Co., Ltd., as of August 31, 2025 and 2024, respectively.

Liquidity and Capital Resources

This section includes a discussion and analysis of our cash requirements, contingencies, sources and uses of cash, operations, working capital and long-term assets and liabilities.

Contingencies

We have several operating leases with third parties, primarily for land, plant and office spaces in Taiwan, including cancellable and noncancelable leases that expire at various dates between August 2026 and December 2040. See Note 6, "Commitments and Contingencies" in the notes to our audited consolidated financial statements in this Form 10-K.

Sources and Uses of Cash

As of August 31, 2025 and 2024, we had cash and cash equivalents of \$2.6 million and \$1.7 million, respectively, which were predominately held in U.S. dollar denominated demand deposits and/or money market funds. We require cash to fund our operating expenses, working capital requirements and service our debts, including principal and interest.

Long-term assets and liabilities

Our long-term assets consist primarily of property, plant and equipment, intangible assets, operating lease assets and investments in unconsolidated entities. Our manufacturing rationalization plans have included efforts to utilize our existing manufacturing assets and supply arrangements more efficiently. We believe that near-term access to additional manufacturing capacity, should it be required, could be readily obtained on reasonable terms through manufacturing agreements with third parties. We will continue to look for opportunities to make strategic manufacturing in the future for additional capacity.

Our long-term liabilities consist primarily long-term debt and operating lease liabilities.

Our long-term debt, which consisted of NT dollar denominated long-term notes, convertible unsecured promissory notes, and loans from our Chairman and our largest shareholder, totaled \$1.7 million and \$3.7 million as of August 31, 2025 and 2024, respectively.

Our NT dollar denominated long-term notes, totaled \$908 thousand and \$1.3 million as of August 31, 2025 and 2024, respectively. These long-term notes consist of two loans which we entered into on July 5, 2019, with aggregate amounts of \$3.2 million (NT\$100 million). The first loan originally for \$2.0 million (NT\$62 million) has an annual floating interest rate equal to the NTD base lending rate plus 0.64% (or 2.415% currently), and was exclusively used to repay the existing loans. The second loan originally for \$1.2 million (NT\$38 million) has an annual floating interest rate equal to the NTD base lending rate plus 1.02% (or 2.795% currently) and is available for operating capital. These loans are secured by an \$82 thousand (NT\$2.5 million) security deposit and a first priority security interest on the Company's headquarters building.

- Starting from May 2021, the first note payable requires monthly payments of principal in the amount of \$25 thousand plus interest over the 74-month term of the note with final payment to occur in July 2027 and, as of August 31, 2025, our outstanding balance on this note payable was approximately \$563 thousand.

- Starting from May 2021, the second note payable requires monthly payments of principal in the amount of \$15 thousand plus interest over the 74-month term of the note with final payment to occur in July 2027 and, as of August 31, 2025, our outstanding balance on this note payable was approximately \$345 thousand .

Property, plant and equipment pledged as collateral for our notes payable were \$1.7 million and \$2.0 million as of August 31, 2025 and 2024, respectively.

On January 8, 2019, we entered into secured loan agreements with Trung Doan, our Chairman and Chief Executive Officer and J.R. Simplot Company, our largest shareholder, with aggregate amounts of \$1.7 million and \$1.5 million, respectively, and an annual interest rate of 8% (the “Loan Agreements”). The Loan Agreements are secured by a second priority security interest on our headquarters building. The maturity date of the Loan Agreements were January 14, 2021 and January 22, 2021, respectively. On January 16, 2021, the maturity date of the Loan Agreements was extended with same terms and interest rate for one year to January 15, 2022, and on January 14, 2022, the maturity date of the Loan Agreements was extended again with same terms and interest rate for one more year to January 15, 2023. On January 13, 2023, the maturity date of the Loan Agreements was further extended with same terms and interest rate for one year to January 15, 2024.

On January 7, 2024, J.R. Simplot Company entered into an assignment agreement (the “Assignment”) pursuant to which J.R. Simplot assigned and transferred all of its right, title and interest in and to the Loan Agreement to Simplot Taiwan Inc., in accordance with and subject to the terms and conditions of the Loan Agreement.

On January 7, 2024, we entered into the Fourth Amendment to the Loan Agreements with each of Simplot Taiwan Inc. and Trung Doan. The Fourth Amendment to the Loan Agreement with Simplot Taiwan Inc. (i) extended the maturity date to January 15, 2025, and (ii) upon mutual agreement of us and Simplot Taiwan Inc., permitted us to repay any principal amount or accrued interest, in an amount not to exceed \$400,000, by issuing shares of our common stock in the name of Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of our common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement with Simplot Taiwan Inc. remained the same. The Fourth Amendment to the Loan Agreement with Trung Doan amended the loan's maturity date with same terms and interest rate to January 15, 2025. All other terms and conditions of the Loan Agreement with Trung Doan remained the same.

On January 7, 2024, we issued 305,343 shares of our common stock at a price of \$1.31 per share to repay \$400,000 of accrued interest on the loan agreement with Simplot Taiwan Inc.

On February 9, 2024, we entered into the Fifth Amendment to the Loan Agreement with Trung Doan. The Fifth Amendment to the Loan Agreement with Trung Doan (i) amended the Loan Agreement to permit us to repay up to \$800,000 of principal under the Loan Agreement by issuing shares of the our common stock and (ii) elected to prepay \$800,000 of loan principal by delivering 629,921 shares of the our common stock to Trung Doan, based on the closing price of \$1.27 per share on February 8, 2024. All other terms and conditions of the Loan Agreement remained the same.

On February 9, 2024, we repaid \$800,000 of loan principal by delivering 629,921 shares of our common stock to Mr. Doan, based on the closing price of \$1.27 per share on February 8, 2024.

On July 3, 2024, we and Trung Doan entered into the Sixth Amendment to the Loan Agreement. The Sixth Amendment to the Loan Agreement amended the Loan Agreement to permit us, upon the mutual agreement of us and Trung Doan, to repay a portion of the principal amount or accrued interest under the Loan Agreement, by issuing shares of our common stock to Trung Doan as partial repayment of the Loan Agreement at a price per share equal to the closing price of our common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement, as amended by the Sixth Amendment to the Loan Agreement, remained the same. On January 15, 2025, we entered into the Seventh Amendment to the Loan Agreement with Trung Doan and Fifth Amendment to the Loan Agreement with Simplot Taiwan Inc. to extend the maturity dates to January 15, 2026. All other terms and conditions of the Loan Agreements remained the same.

On February 28, 2025, we and Simplot Taiwan Inc. entered into the Sixth Amendment to the Loan Agreement (the “Amended Loan Agreement”). The Amended Loan Agreement, upon the mutual agreement of us and Simplot Taiwan Inc., permits us to repay any principal amount or accrued interest, in an amount not to exceed \$1,200,000, by issuing shares of our common stock to Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of our common stock immediately preceding the business day of the payment notice date.

On February 28, 2025, we delivered payment notices indicating our intent to repay \$1,200,000 and \$400,000 of loan principal by delivering 722,891 shares and 240,963 shares of our common stock to Simplot Taiwan Inc. and Trung Doan, respectively, based on the closing price of \$1.66 per share on February 27, 2025.

As of August 31, 2025 and 2024, these loans totaled \$800 thousand and \$2.4 million, respectively.

Working Capital

We have incurred significant losses since inception, including net losses attributable to SemiLEDs stockholders of \$1.1 million and \$2.0 million during the years ended August 31, 2025 and 2024. Net cash provided by operating activities for the year ended August 31, 2025 was \$2.2 million. As of August 31, 2025, we had cash and cash equivalents of \$2.6 million. We have undertaken actions to decrease losses incurred and implemented cost reduction programs in an effort to transform the Company into a profitable operation. In addition, we are planning to issue additional equity to our stockholders.

We estimate that our cash requirements to service debt and contractual obligations in fiscal 2026 is approximately \$1.9 million, which we expect to fund through the issuance of additional equity to repay principal and accrued interest and through loan extensions. Based on our current financial projections and assuming the successful implementation of our liquidity plans, we believe that we will have sufficient sources of liquidity to fund our operations and capital expenditure plans for the next 12 months and beyond. The remaining loans with each of our Chairman and Chief Executive Officer and our largest shareholder are expected to be extended upon maturity or repaid with equity. However, there can be no assurances that our planned activities will be successful in raising additional capital, reducing losses and preserving cash. If we are not able to generate positive cash flows from operations, we may need to consider alternative financing sources and seek additional funds through public or private equity financings or from other sources, or refinance our indebtedness, to support our working capital requirements or for other purposes. There can be no assurance that additional debt or equity financing will be available to us or that, if available, such financing will be available on terms favorable to us.

We do not have any off-balance sheet arrangements that have or are reasonably likely to have a current or future effect on our financial conditions, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources that is material to our common stock.

Cash Flows

The following summary of our cash flows for the periods indicated has been derived from our consolidated financial statements, which are included elsewhere in this Annual Report on Form 10-K (in thousands):

	Years Ended August 31,	
	2025	2024
Net cash provided by (used in) operating activities	\$ 2,212	\$ (365)
Net cash used in investing activities	\$ (595)	\$ (101)
Net cash used in financing activities	\$ (622)	\$ (449)

Cash Flows Provided by (Used In) Operating Activities

Net cash provided by operating activities for the years ended August 31, 2025 was \$2.2 million, and net cash used in operating activities for the years ended August 31, 2024 was \$365 thousand. The increase in cash flows used in operating activities was primary attributable to an \$900 thousand decrease of net loss, an \$5.3 million increase of accounts payable, an \$955 thousand increase of investment loss from unconsolidated entities and an \$840 thousand increase of accrued expenses and other current liabilities, partially offset by a \$3.6 million increase of accounts receivable, a \$1.5 million increase of inventory and a \$234 thousand increase of prepaid expenses and other current assets.

Cash Flows Used in Investing Activities

Net cash used in investing activities for the years ended August 31, 2025 and 2024 was \$595 thousand and \$101 thousand, respectively, primarily for the purchases of property, plant and equipment during each period.

Cash Flows Used in Financing Activities

Net cash used in financing activities for the years ended August 31, 2025 and 2024 was \$622 thousand and \$449 thousand, respectively. The increase in cash flows used in financing activities was primarily due to an increase in acquisition of noncontrolling interest.

Capital Expenditures

We had capital expenditures of \$569 thousand and \$123 thousand for the years ended August 31, 2025 and 2024, respectively. Our capital expenditures consisted primarily of the purchases of machinery and equipment, construction in progress, prepayments for our manufacturing facilities and prepayments for equipment purchases. We expect to continue investing in capital expenditures in the future as we expand our business operations and invest in such expansion of our production capacity as we deem appropriate under market conditions and customer demand. However, in response to controlling capital costs and maintaining financial flexibility, our management continues to monitor prices and, consistent with its existing contractual commitments, may decrease its activity level and capital expenditures as appropriate.

Accounting Pronouncements Not Yet Adopted

Please refer to ‘Summary of Significant Accounting Policies Recent Accounting Pronouncements’ for more details.

Item 7A. Quantitative and Qualitative Disclosures about Market Risk

Not applicable.

Item 8. Financial Statements and Supplementary Data

Pages	41-42	REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM (PCAOB ID: 6781 and 2851)
Page	43	CONSOLIDATED BALANCE SHEETS AS OF AUGUST 31, 2025 AND 2024
Page	44	CONSOLIDATED STATEMENTS OF OPERATIONS FOR THE YEARS ENDED AUGUST 31, 2025 AND 2024
Page	45	CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS FOR THE YEARS ENDED AUGUST 31, 2025 AND 2024
Page	46	CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY FOR THE YEARS ENDED AUGUST 31, 2025 AND 2024
Page	47	CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED AUGUST 31, 2025 AND 2024
Pages	48	NOTES TO CONSOLIDATED FINANCIAL STATEMENTS



REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the stockholders and the board of directors of SemiLEDs Corporation:

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheet of SemiLEDs Corporation and its subsidiaries (the "Company") as of August 31, 2025, the related consolidated statements of operations, comprehensive loss, changes in equity, and cash flows for the year then ended, and the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of August 31, 2025 and the results of its operations and its cash flows for the year then ended in conformity with the U.S. generally accepted accounting principles.

Consideration of the Company's Ability to Continue as a Going Concern

The accompanying consolidated financial statements have been prepared assuming the Company will continue as a going concern. As described in Note 2 to the consolidated financial statements, the Company incurred recurring losses from operations and has an accumulated deficit, which raises substantial doubt about its ability to continue as a going concern. Management's plans with regard to these matters are described in Note 2. The accompanying consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audit, we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.

Our audit included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audit also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audit provides a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current-period audit of the financial statements that was communicated or required to be communicated to the audit committee and that (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Critical Audit Matter Description

As described in Note 2 to the consolidated financial statements, the Company's revenue is derived from the delivery of its products. The sale of products by the Company is considered complete when the products are delivered at that time the ownership and risk of loss have been transferred to the customer.

The Company considers each contract with each customer to contain one performance obligation, and the Company is entitled to the consideration when the performance obligation is satisfied at a point in time. The amount of revenue to be recognized is determined by the contract between the Company and each customer. The Company recognizes revenue when each product is delivered.

The principal considerations for our determination that performing procedures relating to revenue recognition, specifically the identification and evaluation of the timing and amount of revenue recognition, is a critical audit matter involved judgment exercised by management in identifying and evaluating the performance obligation. Auditor judgement is involved in performing our audit procedures to evaluate whether the timing and amount of revenue recognition was appropriately stated.

How the Critical Audit Matter Will Be Addressed in the Audit

Our audit procedures over determining the timing and amount of revenue recognition involved, among others, evaluation of management's assessment in regard to the identification of performance obligations related to revenue. We selected customer agreements and performed the following procedures:

- Evaluated the terms and conditions of each selected contract and the appropriateness of the accounting treatment within the context of the five-step model prescribed by ASC 606, Revenue from Contracts with Customers, and evaluated whether management's conclusions were appropriate.
- Tested the accuracy of management's recognition of revenue for the performance obligation.

/s/ YCM CPA INC.

We have served as the Company's auditor since 2025.

PCAOB ID 6781
Irvine, California
November 28, 2025



REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the stockholders and the board of directors of SemiLEDs Corporation

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheet of SemiLEDs Corporation and its subsidiaries (the “Company”) as of August 31, 2024, the related consolidated statements of operations, comprehensive loss, changes in equity, and cash flows for the year then ended, and the related notes (collectively referred to as the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of August 31, 2024, and the results of its operations and its cash flows for the year then ended, in conformity with the U.S. generally accepted accounting principles.

Consideration of the Company’s Ability to Continue as a Going Concern

The accompanying consolidated financial statements have been prepared assuming the Company will continue as a going concern. As described in Note 2 to the financial statements, the Company incurred recurring losses from operations and has an accumulated deficit, which raises substantial doubt about its ability to continue as a going concern. Management’s plans with regard to these matters are described in Note 2. The accompanying consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current-period audit of the financial statements that was communicated or required to be communicated to the audit committee and that (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Critical Audit Matter Description

As described in Note 2 to the consolidated financial statements, the Company’s revenue is derived from the delivery of its products. The sale of products by the Company is considered complete when the products are delivered at that time the ownership and risk of loss have been transferred to the customer.

The Company considers the contracts with its customer contain one performance obligation, and the Company is entitled to the consideration when performance obligation is satisfied at a point in time. The amount of revenue to be recognized is determined by the contracts between the Company and its customer. The Company recognizes revenue when the product is delivered.

The principal considerations for our determination that performing procedures relating to revenue recognition, specifically the identification and evaluation of the timing and amount of revenue recognition, is a critical audit matter, involved judgment exercised by management in identifying and evaluating the performance obligation. Auditor judgement is involved in performing our audit procedures to evaluate whether the timing and amount of revenue recognition was appropriately stated.

How the Critical Audit Matter Will Be Addressed in the Audit

Our audit procedures over determining the timing and amount of revenue recognition involved, among others, evaluation of management's assessment in regard to the identification of performance obligation of revenue. We selected customer agreements and performed the following procedures:

- Evaluated the terms and conditions of each selected contract and the appropriateness of the accounting treatment within the context of the five-step model prescribed by ASC 606, Revenue from Contracts with Customers, and evaluated whether management's conclusions were appropriate.
- Tested the accuracy of management's recognition of revenue for the performance obligation.

/s/ KCCW Accountancy Corp.

We have served as the Company's auditor since 2019.
Diamond Bar, California
November 26, 2024

KCCW Accountancy Corp.
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SEMILEDs CORPORATION AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
(In thousands of U.S. dollars and shares, except par value)

	August 31,	
	2025	2024
ASSETS		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 2,593	\$ 1,671
Accounts receivable (including related parties), net of allowance for doubtful accounts of \$180 and \$173 as of August 31, 2025 and 2024, respectively)	3,588	416
Inventories, net	4,776	3,574
Prepaid expenses and other current assets	345	223
Total current assets	11,302	5,884
Property, plant and equipment, net	2,713	2,798
Operating lease right of use assets	1,141	1,091
Intangible assets, net	100	90
Investments in unconsolidated entities	65	969
Other assets	272	306
TOTAL ASSETS	\$ 15,593	\$ 11,138
LIABILITIES AND EQUITY		
CURRENT LIABILITIES:		
Current installments of long-term debt	\$ 1,274	\$ 2,854
Accounts payable	5,027	137
Accrued expenses and other current liabilities	3,776	2,936
Other payable to related parties	1,161	1,001
Operating lease liabilities, current portion	145	94
Total current liabilities	11,383	7,022
Long-term debt, excluding current installments	434	870
Operating lease liabilities, less current portion	996	997
Total liabilities	12,813	8,889
Commitments and contingencies (Note 6)		
EQUITY:		
SemiLEDs stockholders' equity		
Common stock, \$0.0000056 par value—15,000 shares authorized; 8,226 shares and 7,212 shares issued and outstanding as of August 31, 2025 and 2024, respectively	—	—
Additional paid-in capital	188,939	187,337
Accumulated other comprehensive income	3,652	3,545
Accumulated deficit	(189,811)	(188,681)
Total SemiLEDs stockholders' equity	2,780	2,201
Noncontrolling interests	—	48
Total stockholders' equity	2,780	2,249
TOTAL LIABILITIES AND EQUITY	\$ 15,593	\$ 11,138

The accompanying notes are an integral part of these consolidated financial statements.

SEMILEDs CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF OPERATIONS
(In thousands of U.S. dollars and shares, except per share data)

	Years Ended August 31,	
	2025	2024
Revenues, net	\$ 43,009	\$ 5,183
Cost of revenues	40,578	4,130
Gross profit	<u>2,431</u>	<u>1,053</u>
Operating expenses:		
Research and development	1,154	1,160
Selling, general and administrative	2,872	2,891
Gain on disposals of long-lived assets, net	—	(49)
Total operating expenses	<u>4,026</u>	<u>4,002</u>
Loss from operations	(1,595)	(2,949)
Other income (expenses):		
Investment loss from unconsolidated entities	(958)	(3)
Interest expenses, net	(141)	(247)
Other income, net	1,100	1,181
Foreign currency transaction gain (loss), net	464	(13)
Total other income, net	<u>465</u>	<u>918</u>
Loss before income taxes	(1,130)	(2,031)
Income tax expense	—	—
Net loss	(1,130)	(2,031)
Less: Net income attributable to noncontrolling interests	—	5
Net loss attributable to SemiLEDs stockholders	<u>\$ (1,130)</u>	<u>\$ (2,036)</u>
Net loss per share attributable to SemiLEDs stockholders:		
Basic and diluted	<u>\$ (0.15)</u>	<u>\$ (0.32)</u>
Shares used in computing net loss per share attributable to SemiLEDs stockholders:		
Basic and diluted	<u>7,721</u>	<u>6,320</u>

The accompanying notes are an integral part of these consolidated financial statements.

SEMILEDs CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS
(In thousands of U.S. dollars)

	<u>Years Ended August 31,</u>	
	<u>2025</u>	<u>2024</u>
Net loss	\$ (1,130)	\$ (2,031)
Other comprehensive income (loss), net of tax:		
Foreign currency translation adjustments, net of tax of \$0 for both periods	109	(5)
Comprehensive loss	(1,021)	(2,036)
Comprehensive income attributable to noncontrolling interests	2	5
Comprehensive loss attributable to SemiLEDs stockholders	<u>\$ (1,023)</u>	<u>\$ (2,041)</u>

The accompanying notes are an integral part of these consolidated financial statements.

SEMILEDs CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(In thousands of U.S. dollars and shares)

	Common Stock		Additional	Accumulated		Total	Non-	Total
	Shares	Amount	Paid-in	Other	Accumulated	SemiLEDs	Controlling	Equity
			Capital	Comprehensive	Deficit	Stockholders'	Interests	
				Income		Equity		
BALANCE—September 1, 2023	4,941	\$ —	\$ 184,246	\$ 3,550	\$ (186,645)	\$ 1,151	\$ 43	\$ 1,194
Issuance of common stock upon vesting of RSUs	108	—	—	—	—	—	—	—
Stock-based compensation	—	—	282	—	—	282	—	282
Conversion of convertible notes payable to common stock	1,228	—	1,609	—	—	1,609	—	1,609
Issuance of common stock to repay long-term loan	935	—	1,200	—	—	1,200	—	1,200
Comprehensive loss								—
Other comprehensive loss	—	—	—	(5)	—	(5)	—	(5)
Net loss	—	—	—	—	(2,036)	(2,036)	5	(2,031)
BALANCE—August 31, 2024	7,212	—	187,337	3,545	(188,681)	2,201	48	2,249
Issuance of common stock upon vesting of RSUs	50	—	—	—	—	—	—	—
Stock-based compensation	—	—	92	—	—	92	—	92
Issuance of common stock to repay long-term loan	964	—	1,600	—	—	1,600	—	1,600
Change ownership in SBDI	—	—	(90)	—	—	(90)	(50)	(140)
Comprehensive loss								—
Other comprehensive income	—	—	—	107	—	107	2	109
Net loss	—	—	—	—	(1,130)	(1,130)	—	(1,130)
BALANCE—August 31, 2025	<u>8,226</u>	<u>\$ —</u>	<u>\$ 188,939</u>	<u>\$ 3,652</u>	<u>\$ (189,811)</u>	<u>\$ 2,780</u>	<u>\$ —</u>	<u>\$ 2,780</u>

The accompanying notes are an integral part of these consolidated financial statements.

SEMILEDs CORPORATION AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(In thousands of U.S. dollars)

	Years Ended August 31,	
	2025	2024
CASH FLOWS FROM OPERATING ACTIVITIES:		
Net loss	\$ (1,130)	\$ (2,031)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	717	612
Stock-based compensation expense	92	282
Bad debt expense	115	—
Provisions for inventory write-downs	323	411
Loss from unconsolidated entities	958	3
Gain on disposals of long-lived assets, net	—	(49)
Changes in :		
Accounts receivable	(3,205)	460
Inventories	(1,473)	28
Prepaid expenses and other assets	(213)	14
Accounts payable	4,994	(289)
Accrued expenses and other current liabilities	1,034	194
Net cash provided by (used in) operating activities	2,212	(365)
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchases of property, plant and equipment	(569)	(123)
Proceeds from sales of property, plant and equipment	—	51
Payments for development of intangible assets	(25)	(29)
Placement of refundable deposits	(1)	—
Net cash used in investing activities	(595)	(101)
CASH FLOWS FROM FINANCING ACTIVITIES:		
Repayments of long-term debt	(480)	(449)
Acquisition of noncontrolling interests	(142)	—
Net cash used in financing activities	(622)	(449)
Changes in cash balance included in deconsolidated subsidiaries		
Effect of exchange rate changes on cash and cash equivalents	(65)	14
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS AND RESTRICTED CASH	930	(901)
CASH, AND CASH EQUIVALENTS, AND RESTRICTED CASH—Beginning of year	1,840	2,741
CASH, AND CASH EQUIVALENTS, AND RESTRICTED CASH—End of year	\$ 2,770	\$ 1,840
SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION:		
Cash paid for interest	\$ 171	\$ 288
Cash paid for income taxes	\$ —	\$ —
NONCASH INVESTING AND FINANCING ACTIVITIES:		
Conversion of convertible notes payable to common stock	\$ —	\$ 1,609
Issuance of common stock to repay long-term loan	\$ 1,600	\$ 1,200

The accompanying notes are an integral part of these consolidated financial statements.

SEMILEDs CORPORATION AND SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. BUSINESS

SemiLEDs Corporation (“SemiLEDs” or the “parent company”) was incorporated in Delaware on January 4, 2005 and is a holding company for various wholly owned subsidiaries. SemiLEDs and its subsidiaries (collectively, the “Company”) develop, manufacture and sell high performance light emitting diodes (“LEDs”). The Company’s core products are LED components, LED modules and systems, as well as LED chips and lighting products. LED components, modules and systems have become the most important part of its business. A portion of the Company’s business consists of the sale of contract manufactured LED products. The Company’s customers are concentrated in a few select markets, including India, Japan, the Netherlands, and the United States.

As of August 31, 2025, SemiLEDs had one wholly owned operating subsidiary, Taiwan Bandaoti Zhaoming Co., Ltd., which conducts its research, development, manufacturing, marketing and sale of LED components and employs the Company’s employees.

SemiLEDs’ common stock trades on the NASDAQ Capital Market under the symbol “LEDS”.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation — The Company’s consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (“U.S. GAAP”).

Going Concern — The accompanying consolidated financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The realization of assets and the satisfaction of liabilities in the normal course of business are dependent on, among other things, the Company’s ability to operate profitably, to generate cash flows from operations, and to pursue financing arrangements to support its working capital requirements.

The Company has suffered losses from operations of \$1.6 million and \$2.9 million, and net cash provided by operating activities of \$2.2 million and net cash used in operating activities of \$365 thousand, for the years ended August 31, 2025 and 2024, respectively. These facts and conditions have raised substantial doubt about the Company’s ability to continue as a going concern, even though gross profit on product sales was \$2.4 million for the year ended August 31, 2025 compared to \$1.1 million for the year ended August 31, 2024. On August 31, 2025, the Company’s cash and cash equivalents increased to \$2.6 million mainly due to operating income. Management believes that it has developed a liquidity plan, as summarized below, that, if executed successfully, should provide sufficient liquidity to meet the Company’s obligations as they become due for a reasonable period of time, and allow the development of its core business. The plan includes:

- Gaining positive cash-inflow from operating activities through continuous cost reductions and the sales of new higher margin products. Steady growth of module products and the continued commercial sales of its UV LED product are expected to improve the Company’s future gross margin, operating results and cash flows. The Company is targeting niche markets and focusing on product enhancement and developing its LED products into many other applications or devices.
- Growing buy-sell purchase orders of equipment to improve the Company’s future gross margin, operating results and cash flows.
- Continuing to monitor prices, work with current and potential vendors to decrease costs and, consistent with its existing contractual commitments, possibly decrease its activity level and capital expenditures further. This plan reflects its strategy of controlling capital costs and maintaining financial flexibility.
- Raising additional cash through potential equity offerings, sales of assets and/or issuance of debt as considered necessary and looking at other potential business opportunities.

While the Company's management believes that the measures described in the above liquidity plan will be adequate to satisfy its liquidity requirements for the twelve months after the date that the financial statements are issued, there is no assurance that the liquidity plan will be successfully implemented. Failure to successfully implement the liquidity plan may have a material adverse effect on its business, results of operations and financial position, and may adversely affect its ability to continue as a going concern. These consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded assets or the amounts and classification of liabilities or any other adjustments that might be necessary should the Company be unable to continue as a going concern.

Restricted Cash Equivalents — Restricted cash primarily consists of cash held in reserved bank accounts in Taiwan, including compensating balances required under the Company's long-term loan requirements. As of August 31, 2025 and 2024, the Company's restricted cash at noncurrent portion, which was recorded as other assets, amounted to \$177 thousand and \$169 thousand, respectively.

Revenue Recognition — Effective September 1, 2018, the Company adopted ASC 606 using the modified retrospective transition method. The Company applied the following five steps to achieve the core principles of ASC 606: 1) identified the contract with a customer; 2) identified the performance obligations (promises) in the contract; 3) determined the transaction price; 4) allocated the transaction price to the performance obligations in the contract; and 5) recognized revenue when (or as) the Company satisfies a performance obligation. The Company recognizes the amount of revenue, when the Company satisfies a performance obligation, to which it expects to be entitled for the transfer of promised goods or services to customers. The Company obtains written purchase authorizations from its customers as evidence of an arrangement and these authorizations generally provide for a specified amount of product at a fixed price. Generally, the Company considers delivery to have occurred at the time of shipment as this is generally when title and risk of loss for the products will pass to the customer. The Company provides its customers with limited rights of return for non-conforming shipments and product warranty claims. Based on historical return percentages, which have not been material to date, and other relevant factors, the Company estimates its potential future exposure on recorded product sales, which reduces product revenues in the consolidated statements of operations and reduces accounts receivable in the consolidated balance sheets. The Company also provides standard product warranties on its products, which generally range from three months to two years. Management estimates the Company's warranty obligations as a percentage of revenues, based on historical knowledge of warranty costs and other relevant factors. To date, the related estimated warranty provisions have been insignificant.

Principles of Consolidation — The consolidated financial statements include the accounts of SemiLEDs and its consolidated subsidiaries. All intercompany transactions and balances have been eliminated during consolidation.

On September 1, 2018, the Company adopted ASC 825-10, "Financial Instruments - Overall: Recognition and Measurement of Financial Assets and Financial Liabilities". This standard allows equity investments that do not have readily determinable fair values to be re-measured at fair value either upon the occurrence of an observable price change or upon identification of impairment. The standard also simplifies the impairment assessment of equity investments without readily determinable fair values by requiring assessment for impairment qualitatively at each reporting period.

Investments in which the Company has the ability to exercise significant influence over the investee but not a controlling financial interest, are accounted for using the equity method of accounting and are not consolidated. These investments are in joint ventures that are not subject to consolidation under the variable interest model, and for which the Company: (i) does not have a majority voting interest that would allow it to control the investee, or (ii) has a majority voting interest but for which other shareholders have significant participating rights, but for which the Company has the ability to exercise significant influence over operating and financial policies. Under the equity method, investments are stated at cost after adding or removing the Company's portion of equity in undistributed earnings or losses, respectively. The Company's investment in these equity-method entities is reported in the consolidated balance sheets in investments in unconsolidated entities, and the Company's share of the income or loss of these equity-method entities, after the elimination of unrealized intercompany profits, is reported in the consolidated statements of operations in equity in losses from unconsolidated entities. When net losses from an equity-method investee exceed its carrying amount, the carrying amount of the investment is reduced to zero. The Company then suspends using the equity method to provide for additional losses unless the Company has guaranteed obligations or is otherwise committed to provide further financial support to the equity-method investee. The Company resumes accounting for the investment under the equity method if the investee subsequently returns to profitability and the Company's share of the investee's income exceeds its share of the cumulative losses that have not been previously recognized during the period the equity method is suspended.

Investments in entities that are not consolidated or accounted for under the equity method are recorded as investments without readily determinable fair values. Investments without readily determinable fair values are reported on the consolidated balance sheets in investments in unconsolidated entities, at cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for an identical or similar investment of the same issuer. Dividend income, if any, received is reported in the consolidated statements of operations in equity in losses from unconsolidated entities.

If the fair value of an equity investment declines below its respective carrying amount and the decline is determined to be other-than-temporary, the investment will be written down to its fair value.

Use of Estimates — The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Significant items subject to such estimates and assumptions include the preparation of the Company's consolidated financial statements on the basis that the Company will continue as a going concern, the collectability of accounts receivable, inventory net realizable values, realization of deferred tax assets, valuation of stock-based compensation expense, the useful lives of property, plant and equipment and intangible assets, the recoverability of the carrying amount of property, plant and equipment, intangible assets and investments in unconsolidated entities, the fair value of acquired tangible and intangible assets, income tax uncertainties, provision for potential litigation costs and other contingencies. Management bases its estimates on historical experience and also on assumptions that it believes are reasonable. Management assesses these estimates on a regular basis; however, actual results could differ materially from those estimates.

Reclassifications of prior year presentation — The Company reclassified restricted cash from current assets to non-current assets based on management's assessment of the expected timing of the release of such restrictions. As a result, restricted cash of \$78 thousand as of August 31, 2024, previously presented within current assets, have been reclassified to non-current assets. These reclassifications had no impact on total assets, total liabilities, stockholders' equity, or net income for any of the periods presented.

Certain Significant Risks and Uncertainties — The Company is subject to certain risks and uncertainties that could have a material and adverse effect on the Company's future financial position or results of operations, which risks and uncertainties include, among others: it has incurred significant losses over the past several years, any inability of the Company to compete in a rapidly evolving market and to respond quickly and effectively to changing market requirements, any inability of the Company to grow its revenue and/or maintain or increase its margins, it may experience fluctuations in its revenues and operating results, any inability of the Company to protect its intellectual property rights, claims by others that the Company infringes their proprietary technology, and any inability of the Company to raise additional funds in the future.

Concentration of Supply Risk — Some of the components and technologies used in the Company's products are purchased and licensed from a limited number of sources and some of the Company's products are produced by a limited number of contract manufacturers. The loss of any of these suppliers and contract manufacturers may cause the Company to incur transition costs to another supplier or contract manufacturer, result in delays in the manufacturing and delivery of the Company's products, or cause it to carry excess or obsolete inventory. The Company relies on a limited number of such suppliers and contract manufacturers for the fulfillment of its customer orders. Any failure of such suppliers and contract manufacturers to perform could have an adverse effect upon the Company's reputation and its ability to distribute its products or satisfy customers' orders, which could adversely affect the Company's business, financial position, results of operations and cash flows.

Concentration of Credit Risk — Financial instruments that subject the Company to concentrations of credit risk consist primarily of cash, cash equivalents and accounts receivable.

The Company keeps its cash and cash equivalents in demand deposits with prominent banks of high credit quality and invests only in money market funds. Cash accounts at each institution are insured by the Federal Deposit Insurance Corporation in the United States or Central Deposit Insurance Corporation in Taiwan up to certain limits. At times, such deposits may be in excess of the insurance limit. U.S. accounts are guaranteed by the Federal Deposit Insurance Corporation (FDIC) up to \$250,000. As of August 31, 2025 and 2024, the Company had no cash in excess of FDIC insured limits. The Company maintains cash in state-owned banks in Taiwan. In Taiwan, the insurance coverage of each bank is NTD\$3,000,000 (approximately USD\$98,070). As of August 31, 2025 and 2024, the Company had \$2,281 thousand and \$1,268 thousand cash in excess of the insured amount, respectively. The Company has not experienced any losses in such accounts. As of August 31, 2025 and 2024, cash and cash equivalents of the Company consisted of the following (in thousands):

Cash and Cash Equivalents by Location	August 31,	
	2025	2024
United States;		
Denominated in U.S. dollars	\$ 187	\$ 187
Taiwan;		
Denominated in U.S. dollars	2,163	1,357
Denominated in New Taiwan dollars	112	82
Denominated in other currencies	131	45
Total cash and cash equivalents	<u>\$ 2,593</u>	<u>\$ 1,671</u>

During fiscal year 2025, the Company's revenues were substantially derived from buy-sell purchase orders of equipment. Net revenues generated from buy-sell purchase orders of equipment to two customers represented 89% for the year ended August 31, 2025. A significant portion of the Company's revenues are derived from a limited number of customers, and sales are concentrated in a few select markets. Management performs ongoing credit evaluations of its customers and generally does not require collateral on accounts receivable. Management evaluates the need to establish an allowance for doubtful accounts for estimated potential credit losses at each reporting period. The allowance for doubtful accounts is based on the management's assessment of the collectability of its customer accounts. Management regularly reviews the allowance by considering certain factors, such as historical experience, industry data, credit quality, ages of accounts receivable balances and current economic conditions that may affect a customer's ability to pay.

Customers that accounted for 10% or more of the Company's total accounts receivable as of August 31, 2025 and 2024 consist of the following:

Customers	August 31,	
	2025	2024
Customer A	91%	—
Customer B	—	36%
Customer C	3%	18%
Customer D	1%	16%

The customers accounted for 10% or more of the Company's total net revenues for the years ended August 31, 2025 and 2024, as follows (in thousands, except percentages):

Customers	Years Ended August 31,			
	2025		2024	
	Amount	% of Revenues	Amount	% of Revenues
Customer A	\$ 25,168	59%	\$ —	0%
Customer B	12,929	30%	—	0%
Customer C	2,286	5%	1,621	31%
Customer D	1,020	2%	919	18%
Customer E	431	1%	598	12%
Customer F	51	0%	503	10%
Customer G	—	—	495	10%

Cash and Cash Equivalents — The Company considers all highly liquid investment instruments purchased with initial maturities of three months or less to be cash equivalents.

As of August 31, 2025 and 2024, cash and cash equivalents of the Company consist of the following (in thousands):

Cash and Cash Equivalents	August 31,	
	2025	2024
Cash;		
Cash and demand deposits	\$ 2,593	\$ 1,671
Total cash and cash equivalents	<u>\$ 2,593</u>	<u>\$ 1,671</u>

Restricted Cash Equivalents — Restricted cash primarily consists of cash held in reserved bank accounts in Taiwan, including compensating balances required under the Company's long-term loan requirements. As of August 31, 2025 and 2024, the Company's restricted cash at noncurrent portion, which was recorded as other assets, amounted to \$177 thousand and \$169 thousand, respectively.

Foreign Currency — The Company's subsidiaries use the local currency as their functional currency. The assets and liabilities of the subsidiaries are, therefore, translated into the U.S. dollars at exchange rates in effect at each balance sheet date, with the resulting translation adjustments recorded to a separate component of accumulated other comprehensive income (loss) within equity. Income and expense accounts are translated at average exchange rates during the period. Any gains and losses from transactions denominated in foreign currencies are recognized in the consolidated statements of operations as a separate component of other income (expense).

Accounts Receivable — Accounts receivable (including related parties with zero net book value as of August 31, 2025 and 2024, respectively) are recorded at invoiced amounts, net of allowances for doubtful accounts, and do not bear interest. The allowance for doubtful accounts is based on management's assessment of the collectability of customer accounts. Management regularly reviews the

allowance by considering certain factors such as historical experience, industry data, credit quality, age of accounts receivable balances and current economic conditions that may affect a customer's ability to pay. Bad debt expenses were \$115 thousand and zero for the years ended August 31, 2025 and 2024, respectively.

Inventories — Inventories consist of raw materials, work in process and finished goods and are stated at the lower of cost or net realizable value. Cost is determined using a weighted average. For work in process and manufactured inventories, cost consists of raw materials, direct labor and an allocated portion of the Company's production overhead. The Company writes down excess and obsolete inventory to its estimated net realizable value based upon assumptions about future demand and market conditions. For finished goods and work in process, if the estimated net realizable value for an inventory item, which is the estimated selling price in the ordinary course of business, less reasonably predicible costs to completion and disposal, is lower than its cost, the specific inventory item is written down to its estimated net realizable value. Net realizable value for raw materials is based on replacement cost. Provisions for inventory write-downs are included in cost of revenues in the consolidated statements of operations. Once written down, inventories are carried at this lower cost basis until sold or scrapped.

Property, Plant and Equipment — Property, plant and equipment are stated at cost less accumulated depreciation, amortization and impairment. Depreciation on property, plant and equipment is calculated using the straight-line method over the estimated useful lives, less estimated salvage values of the assets. Leasehold improvements are amortized using the straight-line method over the shorter of the lease term or estimated useful life of the asset.

The estimated useful lives of property, plant and equipment are as follows:

Buildings and improvements	5 to 20	years
Machinery and equipment	1 to 10	years
Leasehold improvements	2 to 15	years
Other equipment	2 to 6	years

Major Maintenance Activities — The Company incurs maintenance costs on its major equipment. Repair and maintenance costs are expensed as incurred.

Intangible Assets — Intangible assets consist of patents, trademarks and acquired technology. Intangible assets are initially recognized at their respective acquisition costs. All of the Company's intangible assets have been determined to have finite useful lives and are, therefore, amortized using the straight-line method over their estimated useful lives:

Patents and trademarks	5 to 22	years
Acquired technology	5	years

Impairment of Long-Lived Assets — Management evaluates the Company's long-lived assets, excluding goodwill, that consist of property, plant and equipment and intangible assets, for indicators of possible impairment when events or changes in circumstances indicate the carrying amount of an asset may not be recoverable. Impairment exists if the carrying amounts of such assets exceed the estimates of future net undiscounted cash flows expected to be generated by such assets. Should impairment exist, the impairment loss would be measured based on the excess carrying amount of the asset over the estimated fair value of the asset. Fair value is determined through various valuation techniques, including discounted cash flow models, quoted market values and third-party independent appraisers, as considered necessary.

No impairment charge was recognized in the years ended August 31, 2025 and 2024.

Recovery of Investments in Unconsolidated Entities — Management evaluates the recoverability of the carrying amount of the Company's equity investments accounted for using the equity method and cost method when there is an indication of potential impairment. If the estimated realizable value of an equity investment falls below its carrying amount and management determines that this shortfall is other-than-temporary, the carrying amount of such investment is written down to its estimated realizable value. In determining whether a decline in value is other-than-temporary, management considers the length of time and the extent to which such value has been less than the carrying amount, the financial condition and prospects of the investee, and the Company's ability and intent to retain the equity investment for a period of time sufficient to allow for any anticipated recovery in value.

Impairment charges of \$930 thousand and zero were recognized for the years ended August 31, 2025 and 2024, respectively.

Income Taxes — The Company accounts for income taxes under the asset and liability method. As part of the process of preparing the consolidated financial statements, the Company estimates its income taxes in each of the jurisdictions in which it operates. The Company estimates actual current tax expense together with assessing temporary differences resulting from differing accounting treatment for items such as accruals and allowances that are not currently deductible for tax purposes. These differences result in deferred tax assets and liabilities which are included in the Company's consolidated balance sheets. In general, deferred tax assets represent future tax benefits to be received when certain expenses previously recognized in the Company's consolidated statements of operations become deductible expenses under applicable income tax laws or when operating loss or tax credit carryforwards are utilized. Accordingly, realization of the deferred tax assets is dependent on the Company's ability to earn future taxable income against which these deductions, losses and credits can be utilized. Deferred tax assets and liabilities are measured using enacted tax rates expected to be applicable to the taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect of a change in tax rates on the Company's deferred tax assets and liabilities is recognized in the consolidated statements of operations in the period the change in the tax law was enacted.

Management assesses the likelihood that the Company's deferred tax assets will be recovered from future taxable income and, to the extent management believes that recovery is not more likely than not, a valuation allowance is established. The Company recognizes the effect of income tax positions only if those positions are more likely than not of being sustained. Recognized income tax positions are measured at the largest amount that is greater than 50 percent likely of being realized. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs. The Company records interest and penalties, if any, related to unrecognized tax benefits in income tax expense.

Stock-based Compensation — Compensation costs related to employee stock options and restricted stock units are based on the fair value of the options and stock units on the date of grant, net of estimated forfeitures. The Company determines the grant date fair value of the options using the Black-Scholes option-pricing model. The related stock-based compensation expense is generally recognized on a straight-line basis over the period in which an employee is required to provide service in exchange for the options and stock units, or the vesting period of the respective options and stock units.

Research and Development Costs — Research and development costs are expensed as incurred. Research and development costs are presented as a separate line item in the consolidated statements of operations.

Advertising Costs — Advertising costs are expensed as incurred. Advertising costs totaled zero and \$3 thousand for the years ended August 31, 2025 and 2024, respectively, and are included in selling, general and administrative expenses in the consolidated statements of operations.

Segment Reporting — The Company uses the management approach in determining reportable operating segments. The management approach considers the internal organization and reporting used by the Company's chief operating decision maker for making operating decisions, allocating resources and assessing performance as the source for determining the Company's reportable segments. During the years ended August 31, 2025 and 2024, the Chief Executive Officer has been identified as the chief operating decision maker. The Company's chief operating decision maker regularly reviews consolidated assets and consolidated operating results prepared under U.S. GAAP for the enterprise as a whole when making decisions about allocating resources and assessing performance of the Company. Consequently, management has determined that the Company does not have any operating segments as defined in the Financial Accounting Standards Board (the "FASB") Accounting Standards Codification ("ASC") 280-10-50-1, "Segment Reporting."

Shipping and Handling Costs — The Company includes costs from shipping and handling within cost of revenues in the period in which they are incurred.

Net Income (Loss) Per Share of SemiLEDs Common Stock — Basic net income (loss) per share is computed by dividing net income (loss) attributable to SemiLEDs stockholders by the weighted average number of shares of common stock outstanding during the period. Net income (loss) attributable to SemiLEDs stockholders is determined by allocating undistributed earnings as if all of the earnings for the period had been distributed. Diluted net income (loss) per share is computed by using the weighted-average shares of common stock outstanding, including potential dilutive shares of common stock assuming the dilutive effect of outstanding stock options and unvested restricted stock units using the treasury stock method.

Noncontrolling Interests — Noncontrolling interests are classified in the consolidated statements of operations as part of consolidated net income (loss) and the accumulated amount of noncontrolling interests in the consolidated balance sheets as part of equity. Changes in ownership interest in a consolidated subsidiary that do not result in a loss of control are accounted for as an equity transaction. If a change in ownership of a consolidated subsidiary results in loss of control and deconsolidation, any retained ownership interests are remeasured with the gain or loss reported in net earnings.

On September 1, 2018, Taiwan Bandaoti Zhaoming Co., Ltd. ("SBDI"), the Company's wholly owned operating subsidiary, issued 414,000 common shares and amended its certificate of incorporation to increase its common stock issued from 12,087,715 shares to

12,501,715 shares. As of the issuance date, the increased capital of \$176 thousand (NT\$5.4 million) had been completely received in cash by SBDI. SemiLEDs Optoelectronics Co., Ltd. (“Taiwan SemiLEDs”) did not subscribe for the newly issued common shares, and, as a result, the noncontrolling interest in Taiwan SemiLEDs increased from zero to 3.31%. From January 2019 to September 2020, Taiwan SemiLEDs purchased an additional 33,000 common shares of SBDI from non-controlling shareholders. From March 2022 to May 2022, Taiwan SemiLEDs purchased an additional 52,000 common shares of SBDI from non-controlling shareholders. On September 1, 2024, Taiwan SemiLEDs purchased the remaining 329,000 common shares of SBDI from non-controlling shareholders. On April 1, 2025, Taiwan Bandaoti Zhaoming Co., Ltd. merged with and into Taiwan SemiLEDs. Taiwan Bandaoti Zhaoming Co., Ltd. now functions as a division of Taiwan SemiLEDs with all property, obligations, and capital being transferred to Taiwan SemiLEDs. Taiwan SemiLEDs changed its company name to Taiwan Bandaoti Zhaoming Co., Ltd. after the merger. The noncontrolling interest in former Taiwan Bandaoti Zhaoming Co., Ltd. was zero and 2.63% as of August 31, 2025 and 2024, respectively.

Commitments and Contingencies — Liabilities for loss contingencies arising from claims, assessments, litigation, fines, and penalties and other sources are recorded when it is probable that a liability has been incurred and the amount can be reasonably estimated. Legal costs incurred in connection with loss contingencies are expensed as incurred.

Fair Value Measurements — The Company utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible. The Company determines fair value based on assumptions that market participants would use in pricing an asset or liability in the principal or most advantageous market. When considering market participant assumptions in fair value measurements, the following fair value hierarchy distinguishes between observable and unobservable inputs, which are categorized in one of the following levels:

- Level1 Inputs: Unadjusted quoted prices in active markets for identical assets or liabilities accessible to the reporting entity at the measurement date.
- Level2 Inputs: Other than quoted prices included in Level1 inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability.
- Level3 Inputs: Unobservable inputs for the asset or liability used to measure fair value to the extent that observable inputs are not available, thereby allowing for situations in which there is little, if any, market activity for the asset or liability at measurement date.

See Note12 for further details.

Recent Accounting Pronouncements

In August 2020, the FASB issued ASU 2020-06, Debt — Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging—Contracts in Entity’s Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entity’s Own Equity (“ASU 2020-06”). ASU 2020-06 simplifies the accounting for convertible debt by eliminating the beneficial conversion and cash conversion accounting models. Upon adoption of ASU 2020-06, convertible debt, unless issued with a substantial premium or an embedded conversion feature that is not clearly and closely related to the host contract, will no longer be allocated between debt and equity components. This modification will reduce the issue discount and result in less non-cash interest expense in financial statements. ASU 2020-06 also updates the earnings per share calculation and requires entities to assume share settlement when the convertible debt can be settled in cash or shares. For contracts in an entity’s own equity, the type of contracts primarily affected by ASU 2020-06 are freestanding and embedded features that are accounted for as derivatives under the current guidance due to a failure to meet the settlement assessment by removing the requirements to (i) consider whether the contract would be settled in registered shares, (ii) consider whether collateral is required to be posted, and (iii) assess shareholder rights. ASU 2020-06 was effective for fiscal years beginning after December 15, 2023. The Company does not expect the adoption of this standard to have a material impact on its consolidated financial statements.

In May 2021, the FASB issued ASU 2021-04, Earnings Per Share (Topic 260), Debt — Modifications and Extinguishments (Subtopic 470-50), Compensation — Stock Compensation (Topic 718), and Derivatives and Hedging — Contracts in Entity’s Own Equity (Subtopic 815-40): Issuer’s Accounting for Certain Modifications or Exchanges of Freestanding Equity-Classified Written Call Options (“ASU 2021-04”). ASU 2021-04 provides guidance as to how an issuer should account for a modification of the terms or conditions or an exchange of a freestanding equity-classified written call option (i.e., a warrant) that remains classified after modification or exchange as an exchange of the original instrument for a new instrument. An issuer should measure the effect of a modification or exchange as the difference between the fair value of the modified or exchanged warrant and the fair value of that warrant immediately before modification or exchange and then apply a recognition model that comprises four categories of transactions and the corresponding accounting treatment for each category (equity issuance, debt origination, debt modification, and modifications unrelated to equity issuance and debt origination or modification). ASU 2021-04 was effective for the fiscal year beginning September 1, 2022, including interim periods within those fiscal years. An entity should apply the guidance provided in ASU 2021-04 prospectively to modifications or exchanges occurring on or after the effective date. The Company does not expect the adoption of this standard to have a material impact on its consolidated financial statements.

In November 2023, the FASB issued ASU No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures (“ASU 2023-07”). The amendments in ASU 2023-07 improve reportable segment disclosure requirements through enhanced disclosures about significant segment expenses that are regularly provided to the chief operating decision maker (CODM). In addition, the amendments enhance interim disclosure requirements, clarify circumstances in which an entity can disclose multiple segment measures of profit or loss, provide new segment disclosure requirements for entities with a single reportable segment, and contain other disclosure requirements. ASU 2023-07 will be effective for annual reporting periods beginning after December 15, 2023, and interim periods within annual reporting periods beginning after December 15, 2024. The Company does not expect the adoption of this standard to have a material impact on its consolidated financial statements.

3. BALANCE SHEET COMPONENTS

Inventories

Inventories as of August 31, 2025 and 2024 consist of the following (in thousands):

	August 31,	
	2025	2024
Raw materials	\$ 411	\$ 349
Work in process	1,051	727
Finished goods	3,314	2,498
Total	<u>\$ 4,776</u>	<u>\$ 3,574</u>

Inventory write-downs to estimated net realizable values for the years ended August 31, 2025 and 2024 were \$ 323 thousand and \$411 thousand, respectively.

Property, Plant and Equipment

Property, plant and equipment as of August 31, 2025 and 2024 consist of the following (in thousands):

	August 31,	
	2025	2024
Buildings and improvements	\$ 14,010	\$ 13,262
Machinery and equipment	27,735	26,355
Leasehold improvements	163	153
Other equipment	2,339	2,249
Construction in progress	14	—
Total property, plant and equipment	44,261	42,019
Less: Accumulated depreciation and amortization	(41,548)	(39,221)
Property, plant and equipment, net	<u>\$ 2,713</u>	<u>\$ 2,798</u>

Depreciation expense was \$696 thousand and \$595 thousand for the years ended August 31, 2025 and 2024, respectively.

Property, plant and equipment pledged as collateral for the Company's notes payable were \$1.7 million and \$2.0 million as of August 31, 2025 and 2024, respectively.

Intangible Assets

Intangible assets as of August 31, 2025 and 2024 consist of the following (in thousands):

August 31, 2025				
	Weighted Average Amortization Period (Years)	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Patents and trademarks	15	\$ 614	\$ 514	\$ 100
Acquired technology	5	333	333	—
Total		<u>\$ 947</u>	<u>\$ 847</u>	<u>\$ 100</u>

August 31, 2024				
	Weighted Average Amortization Period (Years)	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Patents and trademarks	15	\$ 570	\$ 480	\$ 90
Acquired technology	5	319	319	—
Total		<u>\$ 889</u>	<u>\$ 799</u>	<u>\$ 90</u>

Amortization expense was \$21 thousand and \$17 thousand for the years ended August 31, 2025 and 2024, respectively.

No impairment charge was recognized in the years ended August 31, 2025 and 2024.

The estimated future amortization expense for the Company's intangible assets as of August 31, 2025 is as follows (in thousands):

Years Ending August 31,	Total
2026	\$ 14
2027	14
2028	14
2029	14
2030	14
Thereafter	30
Total	\$ 100

Accrued Expenses and Other Current Liabilities

Accrued expenses and other current liabilities as of August 31, 2025 and 2024 consist of the following (in thousands):

	August 31,	
	2025	2024
Accrued compensation and benefits	\$ 2,127	\$ 1,886
Customer deposits	796	344
Accrued business expenses	215	287
Accrued professional service fees	109	102
Other (individually less than 5% of total accrued expenses and other current liabilities)	529	317
Total	\$ 3,776	\$ 2,936

4. INVESTMENTS IN UNCONSOLIDATED ENTITIES

The Company's ownership interest and carrying amounts of investments in unconsolidated entities as of August 31, 2025 and 2024 consist of the following (in thousands, except percentages):

	August 31, 2025		August 31, 2024	
	Percentage Ownership	Amount	Percentage Ownership	Amount
Equity method investments, net	47.62	\$ 65	47.62	\$ 93
Equity investment without readily determinable fair value - Beginning Balance	Various	\$ 876	Various	\$ 876
Dissolution of investee		\$ (876)		\$ —
Equity investment without readily determinable fair value - Ending Balance		\$ —		\$ 876
Total investments in unconsolidated entities		\$ 65		\$ 969

There were no dividends received from unconsolidated entities through August 31, 2025.

Equity Investment without Readily Determinable Fair Value

Equity investments (except those accounted for under the equity method of accounting or those that result in consolidation of the Company) which do not have readily determinable fair values are recorded as equity investment without readily determinable fair value. All equity investments without readily determinable fair value are assessed for impairment when events or changes in circumstances indicate that the carrying amounts may not be recoverable, and measured at cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for an identical or similar investment of the same issuers. The recoverable value of the investment was determined based on the Company's best estimate of the amount that could be realized from the investment, which considered the latest financial information. As of August 31, 2025, the Company held an equity investment without readily determinable fair value in High Power Optoelectronics, Inc., for which the Company recognized an impairment loss of \$930 thousand during fiscal year 2025 based on the latest available financial information and the estimated recoverable value of the investment. The impairment losses for the equity investments without readily determinable fair value were \$930 thousand and zero for the years ended August 31, 2025 and 2024, respectively.

Equity Method Investments

In July 2023, TSLC Corporation, the Company's subsidiary, had a board resolution to hold an equity interest in Yi Yang Optoelectronics Co., Ltd., accounting for its equity interest using the equity method to accounts for its equity investment as prescribed in ASC 323, Investments—Equity Method and Joint Ventures ("ASC 323"). Equity method adjustments include the Company's proportionate share of investee's income or loss and other adjustments required by the equity method. As of August 31, 2025 and 2024, the Company owns 47.62% common stock shares of Yi Yang Optoelectronics Co., Ltd.

5. INDEBTEDNESS

Long-term Debt

Long-term debt as of August 31, 2025 and 2024 consist of the following loans (in thousands):

	August 31,	
	2025	2024
First note payable- Mega Bank	\$ 563	\$ 821
Second note payable- Mega Bank	345	503
Loans from Chairman and Shareholders	800	2,400
Total long-term debt	1,708	3,724
Less: Current installments	(1,274)	(2,854)
Total long-term debt, excluding current installments	\$ 434	\$ 870

Our long-term debt, which consisted of New Taiwan dollar ("NTD") denominated long-term notes and loans from the Chairman and the largest shareholder of the Company, totaled \$1.7 million and \$3.7 million as of August 31, 2025 and 2024, respectively.

On July 5, 2019, the Company and Mega International Commercial Bank ("Mega Bank") entered into two NTD denominated loan agreements in an aggregate amount of \$3.2 million (NT\$100 million). The first note of \$2.0 million (NT\$62 million) payable to Mega Bank has an annual floating interest rate equal to the NTD base lending rate plus 0.64% (or 2.415% currently), and was exclusively used to repay original notes with E Sun Bank. The second note of \$1.2 million (NT\$38 million) payable to Mega Bank has an annual floating interest rate equal to the NTD base lending rate plus 1.02% (or 2.795% currently) and is available for operating capital. Both note payables are secured by a first priority security interest on the Company's headquarters building. Income from renting the collateral must be deposited into a reserved account opened with Mega Bank, and only the balance of deposits exceeding \$82 thousand (NT\$2.5 million) after deducting the principal and interest payable for the current month (including the accumulated outstanding amount) may be transferred outwards. The balance of the reserve account is \$82 thousand and \$78 thousand as of August 31, 2025 and 2024, respectively. Due to the impact of the COVID-19 pandemic, Mega bank agreed to give the Company a deferment period for twelve months starting from May 2020 until April 2021. During this period, the Company did not need to pay the monthly payments of the principal but only the interest. Starting from May 2021, the two notes payables to Mega Bank require monthly payments of principal in the amount of \$24 thousand plus interest and \$14 thousand plus interest, respectively, over the 74-month term of the notes with final payment to occur in July 2027.

On January 8, 2019, the Company entered into secured loan agreements with Trung Doan, its Chairman and Chief Executive Officer and J.R. Simplot Company, its largest shareholder, with aggregate amounts of \$1.7 million and \$1.5 million, respectively, and an annual interest rate of 8% (the "Loan Agreements"). The Loan Agreements are secured by a second priority security interest on the Company's headquarters building. The maturity date of the Loan Agreements were January 14, 2021 and January 22, 2021, respectively. On January 16, 2021, the maturity date of the Loan Agreements was extended with same terms and interest rate for one year to January 15, 2022, and on January 14, 2022, the maturity date of the Loan Agreements was extended again with same terms and interest rate for one more year to January 15, 2023. On January 13, 2023, the maturity date of the Loan Agreements was further extended with same terms and interest rate for one year to January 15, 2024.

On January 7, 2024, J.R. Simplot Company entered into an assignment agreement (the "Assignment") pursuant to which J.R. Simplot assigned and transferred all of its right, title and interest in and to the Loan Agreement to Simplot Taiwan Inc., in accordance with and subject to the terms and conditions of the Loan Agreement.

On January 7, 2024, the Company entered into the Fourth Amendment to the Loan Agreements with each of Simplot Taiwan Inc. and Trung Doan. The Fourth Amendment to the Loan Agreement with Simplot Taiwan Inc. (i) extended the maturity date to January 15, 2025, and (ii) upon mutual agreement of the Company and Simplot Taiwan Inc., permitted the Company to repay any principal amount or accrued interest, in an amount not to exceed \$400,000, by issuing shares of the Company's common stock in the name of Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company's common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement with Simplot Taiwan Inc.

remained the same. The Fourth Amendment to the Loan Agreement with Trung Doan amended the loan's maturity date with same terms and interest rate to January 15, 2025. All other terms and conditions of the Loan Agreement with Trung Doan remained the same.

On January 7, 2024, the Company issued 305,343 shares of its common stock at a price of \$1.31 per share to repay \$400,000 of accrued interest on the loan agreement with Simplot Taiwan Inc.

On February 9, 2024, the Company entered into the Fifth Amendment to the Loan Agreement with Trung Doan. The Fifth Amendment to the Loan Agreement with Trung Doan (i) amended the Loan Agreement to permit the Company to repay up to \$800,000 of principal under the Loan Agreement by issuing shares of the Company's common stock and (ii) elected to prepay \$800,000 of loan principal by delivering 629,921 shares of the Company's common stock to Trung Doan, based on the closing price of \$1.27 per share on February 8, 2024. All other terms and conditions of the Loan Agreement remained the same.

On February 9, 2024, the Company repaid \$800,000 of loan principal by delivering 629,921 shares of the Company's common stock to Mr. Doan, based on the closing price of \$1.27 per share on February 8, 2024.

On July 3, 2024, the Company and Trung Doan entered into the Sixth Amendment to the Loan Agreement. The Sixth Amendment to the Loan Agreement amended the Loan Agreement to permit the Company, upon the mutual agreement of the Company and Trung Doan, to repay a portion of the principal amount or accrued interest under the Loan Agreement, by issuing shares of the Company's common stock to Trung Doan as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company's common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement, as amended by the Sixth Amendment to the Loan Agreement, remained the same. On January 15, 2025, the Company entered into the Seventh Amendment to the Loan Agreement with Trung Doan and Fifth Amendment to the Loan Agreement with Simplot Taiwan Inc. to extend the maturity dates to January 15, 2026. All other terms and conditions of the Loan Agreements remained the same.

On February 28, 2025, the Company and Simplot Taiwan Inc. entered into the Sixth Amendment to the Loan Agreement (the "Amended Loan Agreement"). The Amended Loan Agreement, upon the mutual agreement of the Company and Simplot Taiwan Inc., permits the Company to repay any principal amount or accrued interest, in an amount not to exceed \$1,200,000, by issuing shares of the Company's common stock to Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company's common stock immediately preceding the business day of the payment notice date.

On February 28, 2025, the Company delivered payment notices indicating its intent to repay \$1,200,000 and \$400,000 of loan principal by delivering 722,891 shares and 240,963 shares of the Company's common stock to Simplot Taiwan Inc. and Trung Doan, respectively, based on the closing price of \$1.66 per share on February 27, 2025.

As of August 31, 2025 and 2024, these loans totaled \$800 thousand and \$2.4 million, respectively.

The scheduled principal payments for the Company's long-term debt as of August 31, 2025 consist of the following (in thousands):

Years Ending August 31,	Scheduled Principal Payments
2026	\$ 1,274
2027	434
Total	\$ 1,708

6. COMMITMENTS AND CONTINGENCIES

Operating Lease Agreements — The Company has several operating leases with third parties, primarily for land, plant and office spaces in Taiwan, including cancelable and noncancelable leases that expire at various dates between August 2026 and December 2040. Leases with an initial term of 12 months or less are not recorded on the balance sheet; the Company recognizes lease expense for these leases on a straight-line basis over the lease term. For lease agreements entered into or reassessed after the adoption of Topic 842, the Company did not combine lease and non-lease components.

Most leases do not include options to renew. The exercise of lease renewal options has to be agreed by the lessors. The depreciable life of assets and leasehold improvements are limited by the term of leases, unless there is a transfer of title or purchase option reasonably certain of exercise. Lease expense is recognized on a straight-line basis over the term of the lease. Lease expense related to these noncancelable operating leases were \$166 thousand and \$155 thousand for the years ended August 31, 2025 and 2024, respectively.

Balance sheet information related to the Company's leases is presented below (in thousands):

	August 31,	
	2025	2024
Assets		
Operating lease right of use assets	\$ 1,141	\$ 1,091
Liabilities		
Operating lease liabilities, current portion	\$ 145	\$ 94
Operating lease liabilities, less current portion	996	997
Total	\$ 1,141	\$ 1,091

The following provides details of the Company's lease expenses (in thousands):

	August 31,	
	2025	2024
Operating lease expenses	\$ 166	\$ 155

Other information related to leases is presented below (in thousands):

	August 31,	
	2025	2024
Cash Paid for amounts Included In Measurement of Liabilities:		
Operating cash flows from operating leases	\$ 166	\$ 155
Weighted Average Remaining Lease Term:		
Operating leases	13.84 years	15.55 years
Weighted Average Discount Rate		
Operating leases	1.76%	1.76%

As most of the Company's leases do not provide an implicit rate, the Company uses its average borrowing rate from non-related parties of 1.76% based on the information available at commencement date in determining the present value of lease payments.

The aggregate future noncancelable minimum rental payments for the Company's operating leases as of August 31, 2025 consist of the following (in thousands):

Years Ending August 31,	Operating Leases
2026	\$ 164
2027	108
2028	85
2029	85
2030	78
Thereafter	764
Total future minimum lease payments, undiscounted	1,284
Less: Imputed interest	143
Present value of future minimum lease payments	\$ 1,141

Purchase Obligations — The Company had purchase commitments for inventory, property, plant and equipment in the amount of \$461 thousand and \$521 thousand as of August 31, 2025 and 2024, respectively.

Litigation — The Company is directly or indirectly involved from time to time in various claims or legal proceedings arising in the ordinary course of business. The Company recognizes a liability when it is probable that a loss has been incurred and the amount is reasonably estimable. There is significant judgment required in assessing both the likelihood of an unfavorable outcome and whether the amount of loss, if any, can be reasonably estimated.

As of August 31, 2025, there was no pending litigation that could have a material impact on the Company's financial position, results of operations or cash flows.

7. COMMON STOCK

On February 28, 2025, the Company delivered payment notices indicating its intent to repay \$1,200,000 and \$400,000 of loan principal by delivering 722,891 shares and 240,963 shares of the Company's common stock to Simplot Taiwan Inc. and Trung Doan, respectively, based on the closing price of \$1.66 per share on February 27, 2025.

8. STOCK-BASED COMPENSATION

The Company currently has one equity incentive plan (the "2010 Plan"), which provides for awards in the form of restricted shares, stock units, stock options or stock appreciation rights to the Company's employees, officers, directors and consultants. In April 2014, SemiLEDs' stockholders approved an amendment to the 2010 Plan that increases the number of shares authorized for issuance under the plan by an additional 250 thousand shares. On July 31, 2019, the stockholders approved an increase in the authorized share reserve under the 2010 plan by an additional 500 thousand shares, to extend expiration of the 2010 Plan to November 3, 2023, to remove the IRS Code section 162(m) provisions, and to modify the maximum grant limit to 35 thousand shares to one person in a one year period. On September 25, 2020, the stockholders approved an amendment to the 2010 Equity Incentive Plan to increase the authorized shares reserve by an additional 400 thousand shares. On March 17, 2023, the Board approved the amendment of the 2010 Plan to extend the term to March 17, 2033, which was approved by the Company's stockholders at the annual meeting held on May 18, 2023.

A total of 1,421 thousand and 1,421 thousand shares were reserved for issuance under the 2010 Plan as of August 31, 2025 and 2024, respectively. As of August 31, 2025 and 2024, there were 444 thousand and 544 thousand shares of common stock available for future issuance under the 2010 Plan, respectively.

In July 2025, SemiLEDs granted 96 thousand restricted stock units to its employees, which vest 12.5% every three months from the vesting commencement date of July 10, 2025 and will become fully vested upon a change in control. The grant-date fair value of the restricted stock units was \$2.81 per unit.

In November 2024, SemiLEDs granted 15 thousand restricted stock units to its directors, which vest 25% every three months from the vesting commencement date of November 27, 2024 and will become fully vested upon a change in control. The grant-date fair value of the restricted stock units was \$1.28 per unit.

Stock-based Compensation Expense

The total stock-based compensation expense consists of stock-based compensation expense for stock options and restricted stock units granted to employees, directors and nonemployees. A summary of the stock-based compensation expense for the years ended August 31, 2025 and 2024 is as follows (in thousands):

	Years Ended August 31,	
	2025	2024
Cost of revenues	\$ 20	\$ 86
Research and development	21	88
Selling, general and administrative	51	108
	<u>\$ 92</u>	<u>\$ 282</u>

Stock-based compensation expense is recorded net of estimated forfeitures such that expense is recorded only for those stock-based awards that are expected to vest. A forfeiture rate is estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from initial estimates. A forfeiture rate of zero is estimated for stock-based awards with vesting term that is less than or equal to one year from the date of grant.

There was no recognized stock-based compensation tax benefit for the years ended August 31, 2025 and 2024, as the Company recorded a full valuation allowance on net deferred tax assets as of August 31, 2025 and 2024.

Stock Options Awards

The grant date fair value of stock options is determined using the Black-Scholes option-pricing model. The Black-Scholes option-pricing model requires inputs including the market price of SemiLEDs' common stock on the date of grant, the term that the stock options are expected to be outstanding, the implied stock volatilities of several of the Company's publicly-traded peers over the expected term of stock options, risk-free interest rate and expected dividend. Each of these inputs is subjective and generally requires significant judgment to determine. The grant date fair value of stock units is based upon the market price of SemiLEDs' common stock on the date of the grant. This fair value is amortized to compensation expense over the vesting term. During the years ended August 31, 2025 and 2024, the

Company has no options granted, forfeited, or exercised. As of August 31, 2025 and 2024, the Company has no unvested stock options and the unrecognized compensation costs related to unvested stock options were nil.

Restricted Stock Units Awards

The grant date fair value of stock units is based upon the market price of SemiLEDs' common stock on the date of the grant. This fair value is amortized to compensation expense over the vesting term.

A summary of the restricted stock unit awards outstanding and changes for the years ended August 31, 2025 and 2024 is presented below:

	Number of Stock Units Outstanding (In thousands)	Weighted- Average Grant Date Fair Value
Outstanding—September 1, 2023	159	\$ 2.13
Granted	—	—
Vested	(108)	1.99
Forfeited	(2)	1.87
Outstanding—August 31, 2024	49	\$ 2.07
Granted	111	2.60
Vested	(50)	1.84
Forfeited	(11)	2.27
Outstanding—August 31, 2025	99	\$ 2.29

As of August 31, 2025 and 2024, unrecognized compensation cost related to unvested restricted stock unit awards of \$322 thousand and \$109 thousand, respectively, is expected to be recognized over a weighted average period of 1.82 years and 1.35 years, respectively, and will be adjusted for subsequent changes in estimated forfeitures.

9. NET LOSS PER SHARE OF COMMON STOCK

The following stock-based compensation plan awards were excluded from the computation of diluted net loss per share of common stock for the periods presented because including them would have an antidilutive effect on the net loss per share (in thousands of shares):

	Years Ended August 31,	
	2025	2024
Stock units and stock options to purchase common stock	59	49

10. INCOME TAXES

Income taxes are recognized for the amount of taxes payable for the current year and for the impact of deferred tax assets and liabilities, which represent future tax consequences of events that have been recognized differently in the financial statements than for tax purposes. Deferred tax assets and liabilities are established using the enacted statutory tax rates and are adjusted for any changes in such rates in the period of change.

United States

SemiLEDs Corporation is incorporated in the United States of America and is subject to United States federal taxation. No provisions for income taxes have been made as the Company has no taxable income for the period.

On December 22, 2017, the U.S. government enacted comprehensive tax legislation commonly referred to as the Tax Cuts and Jobs Act (the "Tax Act"). The Tax Act included significant changes to the U.S. corporate income tax system including, among other things, lowering the U.S. statutory federal tax rate to 21%. The reduction of the U.S. corporate tax rate caused the Company to adjust its U.S. deferred tax assets and liabilities to the lower federal rate of 21% in the fiscal year ended August 31, 2019. The Tax Act also added many new provisions, including a one-time repatriation tax on deemed repatriation of historical earnings of foreign subsidiaries ("transition tax"), changes to bonus depreciation, limits on deductions for executive compensation and interest expense, a tax on global intangible low-taxed income ("GILTI"), the base erosion anti-abuse tax ("BEAT") and a deduction for foreign-derived intangible income. The Company has

elected to account for the tax on GILTI and BEAT as a period cost and thus has not adjusted any net deferred tax assets of its foreign subsidiaries for the new tax. However, the Company has considered the potential impact of GILTI and BEAT on its U.S. federal net operating loss (“NOL”) carryforward and determined that the projected tax benefit to be received from its NOL carryforward may be reduced due to these provisions.

The changes included in the Tax Act are broad and complex. The SEC issued Staff Accounting Bulletin No. 118 (SAB 118), as amended by ASU 2018-05, which provides guidance for companies related to the Tax Act. ASU 2018-05 allows for a measurement period of up to one year after the enactment date of the Tax Act to finalize the recording of the related tax impacts. The Company’s accounting for the tax effects of the Tax Act were completed in fiscal 2019. Although the Company believes the effects of the Tax Act have been appropriately recorded, it will continue to monitor, among other things, changes in interpretations of the Tax Act, any legislative action arising because of the Tax Act and any changes in accounting standards for income taxes or related interpretations in response to the Tax Act. The Company intends to assess the impact of any such changes in legislative interpretations or standards and adjust its provision as new information becomes available.

In accordance with SAB 118, the Company has made reasonable estimates related to (1) the remeasurement of its U.S. deferred tax balances for the reduction in the statutory tax rate, (2) the liability for the transition tax and (3) the partial valuation allowance recorded against its federal NOL carryforward due to the impact of the GILTI and BEAT provisions. In fiscal 2025, the Company determined that there were no material changes to the provisional amounts recorded as of August 31, 2025.

Taiwan

The Company’s loss before income taxes is primarily derived from the operations in Taiwan, and income tax expense is primarily incurred in Taiwan.

As a result of amendments to the “Taiwan Income Tax Act” enacted by the Office of the President of Taiwan on February 7, 2018, the statutory income tax rate increased from 17% to 20% and the undistributed earning tax, or a surtax, decreased from 10% to 5% effective from January 1, 2018. As a result, the statutory income tax rate in Taiwan is 20% for the years ended August 31, 2025 and 2024. An additional surtax, of which rate was reduced from 10% to 5% being applied to the Company starting from September 1, 2018, is assessed on undistributed income for the entities in Taiwan, but only to the extent such income is not distributed or set aside as a legal reserve before the end of the following year. The 5% surtax is recorded in the period the income is earned, and the reduction in the surtax liability is recognized in the period the distribution to stockholders or the setting aside of legal reserve is finalized in the following year.

The Company’s loss before income taxes for the years ended August 31, 2025 and 2024 was attributable to the following jurisdictions (in thousands):

	Years Ended August 31,	
	2025	2024
U.S. operations	\$ (610)	\$ (578)
Foreign operations	(520)	(1,453)
Loss before income taxes	<u>\$ (1,130)</u>	<u>\$ (2,031)</u>

Income tax expense differed from the amounts computed by applying the statutory U.S. federal income tax rate of 21% to loss before income taxes for the years ended August 31, 2025 and 2024, as a result of the following (in thousands):

	Years Ended August 31,	
	2025	2024
Computed “expected” income tax benefit	\$ (237)	\$ (427)
Foreign tax rate differential	5	13
Valuation allowance	2,567	(2,191)
Other	(2,335)	2,605
Income tax expense	<u>\$ —</u>	<u>\$ —</u>

Net deferred tax assets (liabilities) as of August 31, 2025 and 2024 consist of the following (in thousands):

	August 31,	
	2025	2024
Deferred tax assets:		
Inventories, primarily due to inventory obsolescence and lower of cost or market provisions	\$ 1,627	\$ 1,691
Allowance for doubtful accounts	—	33
Accruals and other	(82)	4
Property, plant and equipment	112	435
Stock-based compensation	390	387
Net operating loss carryforwards	8,748	11,064
Total gross deferred tax assets	10,795	13,614
Less: Valuation allowance	(10,795)	(13,614)
Deferred tax assets, net of valuation allowance	\$ —	\$ —

A valuation allowance is provided when it is more likely than not that the deferred tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible and operating loss carryforwards utilizable. Management considers the scheduled reversal of deferred tax liabilities, carryback availability, projected future income, and tax-planning strategies in making this assessment. The Company established full valuation allowances to offset all of its deferred tax assets due to the uncertainty of realizing future tax benefits from its net operating loss carryforwards and other deferred tax assets.

As of August 31, 2025 the Company had the U.S. net operating losses (the “U.S. NOLs”) of approximately \$4,319 thousand, which begins to expire in 2024. The U.S. NOLs generated in tax years prior to August 31, 2018, can be carryforward for twenty years, whereas U.S. NOLs generated after August 31, 2018 can be carryforward indefinitely. The unused net operating loss carryforwards were as follows (in thousands):

	August 31, 2025	Expiration Year
U.S. federal net operating loss carryforwards (after August 31, 2018)	\$ 4,319	—
Foreign net operating loss carryforwards (expiring over the next 5 years)	20,484	2026-2030
Foreign net operating loss carryforwards (expiring in more than 5 years)	7,284	2031-2034
Total unused net operating loss carryforwards and income tax credits	\$ 32,087	

Unrecognized Tax Benefits

On December 22, 2017, the U.S. Tax Cuts and Jobs Act was adopted, which among other effects, reduced the U.S. federal corporate income tax rate to 21% from 34% (or 35% in certain cases) beginning in 2018, requires companies to pay a one-time transition tax on certain unrepatriated earnings from non-U.S. subsidiaries that is payable over eight years, makes the receipt of future non-U.S. sourced income of non-U.S. subsidiaries tax-free to U.S. companies and creates a new minimum tax on the earnings of non-U.S. subsidiaries relating to the parent’s deductions for payments to the subsidiaries. Provisional estimate of the Company is that no tax will be due under this provision.

As of August 31, 2025 and 2024, the Company had no unrecognized tax benefits.

The Company is subject to taxation in the United States and various states and certain foreign jurisdictions. As of August 31, 2025, the 2020 through 2023 tax years remain subject to examination by the U.S. tax authorities. With few exceptions, as of August 31, 2025, the Company is no longer subject to U.S. federal, state, local, or foreign examinations by tax authorities for tax years before 2020. Below is a summary of open tax years by major tax jurisdiction:

	Open Tax Year
U.S. federal	2021-2024
U.S. state	2021-2024
Foreign—Taiwan	2023

The Company is not currently under examination by income tax authorities in any federal, state or foreign jurisdictions. The Company does not expect that the total amount of unrecognized tax benefits will change significantly within the next 12 months.

11. PRODUCT AND GEOGRAPHIC INFORMATION

Revenues by products for the years ended August 31, 2025 and 2024 are as follows (in thousands):

	Years Ended August 31,	
	2025	2024
LED chips	\$ 149	\$ 93
LED components	2,066	2,656
Lighting products	228	212
Other ⁽¹⁾	40,566	2,222
Total	<u>\$ 43,009</u>	<u>\$ 5,183</u>

- (1) Other revenues for the year ended August 31, 2025 primarily represent revenues attributable to buy-sell purchase orders of equipment. Other revenues for the year ended August 31, 2024 primarily include revenues attributable to the sale of epitaxial wafers, scraps and raw materials and the provision of services.

Revenues by geography are based on the billing address of the customer. The following table sets forth revenues by geographic area for the years ended August 31, 2025 and 2024 (in thousands):

	Years Ended August 31,	
	2025	2024
India	\$ 38,096	\$ —
Japan	2,181	1,647
Other (individually less than 5% of total net revenues)	2,732	3,536
Total	<u>\$ 43,009</u>	<u>\$ 5,183</u>

Tangible Long-Lived Assets

Substantially all of the Company's tangible long-lived assets are located in Taiwan.

12. FAIR VALUE MEASUREMENTS

The following table presents the carrying amounts and estimated fair values of the Company's financial instruments as of August 31, 2025 and 2024 (in thousands):

	August 31, 2025		August 31, 2024	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Financial assets:				
Cash and cash equivalents and restricted cash	\$ 2,593	\$ 2,593	\$ 1,671	\$ 1,671
Receivables (including related parties)	3,588	3,588	416	416
Other assets (non-derivatives)	145	145	376	376
Financial liabilities:				
Payables (including related parties)	\$ 9,964	\$ 9,964	\$ 4,073	\$ 4,073
Long-term debt (including current installments)	1,708	1,708	3,724	3,724

The fair values of the financial instruments shown in the above table as of August 31, 2025 and 2024 represent the amounts that would be received to sell those assets or that would be paid to transfer those liabilities in an orderly transaction between market participants at that date. Those fair value measurements maximize the use of observable inputs. However, in situations where there is little, if any, market activity for the asset or liability at the measurement date, the fair value measurement reflects management's own judgments about the assumptions that market participants would use in pricing the asset or liability. Those judgments are developed by management based on the best information available in the circumstances, including expected cash flows and appropriately risk-adjusted discount rates, available observable and unobservable inputs.

The following methods and assumptions were used to estimate the fair value of each class of financial instruments:

- Cash, cash equivalents, restricted cash, receivables and payables (including related parties) and notes payable to banks: The carrying amounts, at face value or cost plus accrued interest, approximate fair value because of the short maturity of these instruments.
- Other assets (non-derivatives) include primarily value-added tax (“VAT”) refund receivables, refundable deposits, and restricted time deposits. The fair value of VAT refund receivables approximates the carrying amount because of the short maturity. The fair value of refundable deposits and restricted time deposits with no fixed maturity is based on the carrying amount.
- Long-term debt: The fair value of the Company’s variable rate long-term debt is estimated based on the prevailing market rate adjusted by the Company’s credit spread.

13. CONDENSED PARENT COMPANY ONLY FINANCIAL STATEMENTS

As a holding company, dividends received from SemiLEDs’ subsidiaries in Taiwan, if any, will be subject to withholding tax under Taiwan law, as well as statutory and other legal restrictions. The condensed parent company only financial information for SemiLEDs is presented below (in thousands):

Condensed Balance Sheets	August 31,	
	2025	2024
ASSETS		
Cash and cash equivalents	\$ 187	\$ 187
Prepaid expenses and other current assets	4,008	4,396
Total current assets	4,195	4,583
Intangible assets, net	—	1
Investments in subsidiaries	679	1,229
TOTAL ASSETS	\$ 4,874	\$ 5,813
LIABILITIES AND EQUITY		
Accrued expenses and other current liabilities	\$ 1,294	\$ 1,164
Long-term debt, current portion	800	2,400
Total current liabilities	2,094	3,564
Total equity	2,780	2,249
TOTAL LIABILITIES AND EQUITY	\$ 4,874	\$ 5,813

SemiLEDs had no contingencies, long-term obligations and guarantees as of August 31, 2025 or August 31, 2024.

Condensed Statements of Operations	Years Ended August 31,	
	2025	2024
Operating expenses:		
Selling, general and administrative	\$ 473	\$ 452
Loss from operations	(473)	(452)
Other expenses:		
Equity in losses from subsidiaries, net	(520)	(1,350)
Interest expenses	(124)	(244)
Other income (expense), net	(13)	10
Total other expenses, net	(657)	(1,584)
Net loss	\$ (1,130)	\$ (2,036)

Condensed Statements of Cash Flows	Years Ended August 31,	
	2025	2024
Net cash provided by (used in):		
Operating activities	\$ —	\$ (3)
Investing activities	—	—
Financing activities	—	—
Net decrease in cash and cash equivalents	—	(3)
Cash and cash equivalents at beginning of year	187	190
Cash and cash equivalents at end of year	<u>\$ 187</u>	<u>\$ 187</u>

14. RELATED PARTY TRANSACTIONS

On January 8, 2019, the Company entered into secured loan agreements with Trung Doan, its Chairman and Chief Executive Officer and J.R. Simplot Company, its largest shareholder, with aggregate amounts of \$1.7 million and \$1.5 million, respectively, and an annual interest rate of 8% (the “Loan Agreements”). The Loan Agreements are secured by a second priority security interest on the Company’s headquarters building. The maturity date of the Loan Agreements were January 14, 2021 and January 22, 2021, respectively. On January 16, 2021, the maturity date of the Loan Agreements was extended with same terms and interest rate for one year to January 15, 2022, and on January 14, 2022, the maturity date of the Loan Agreements was extended again with same terms and interest rate for one more year to January 15, 2023. On January 13, 2023, the maturity date of the Loan Agreements was further extended with same terms and interest rate for one year to January 15, 2024.

On January 7, 2024, J.R. Simplot Company entered into an assignment agreement (the “Assignment”) pursuant to which J.R. Simplot assigned and transferred all of its right, title and interest in and to the Loan Agreement to Simplot Taiwan Inc., in accordance with and subject to the terms and conditions of the Loan Agreement.

On January 7, 2024, the Company entered into the Fourth Amendment to the Loan Agreements with each of Simplot Taiwan Inc. and Trung Doan. The Fourth Amendment to the Loan Agreement with Simplot Taiwan Inc. (i) extended the maturity date to January 15, 2025, and (ii) upon mutual agreement of the Company and Simplot Taiwan Inc., permitted the Company to repay any principal amount or accrued interest, in an amount not to exceed \$400,000, by issuing shares of the Company’s common stock in the name of Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company’s common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement with Simplot Taiwan Inc. remained the same. The Fourth Amendment to the Loan Agreement with Trung Doan amended the loan's maturity date with same terms and interest rate to January 15, 2025. All other terms and conditions of the Loan Agreement with Trung Doan remained the same.

On January 7, 2024, the Company issued 305,343 shares of its common stock at a price of \$1.31 per share to repay \$400,000 of accrued interest on the loan agreement with Simplot Taiwan Inc.

On February 9, 2024, the Company entered into the Fifth Amendment to the Loan Agreements with Trung Doan. The Fifth Amendment to the Loan Agreements with Trung Doan (i) amended the Loan Agreement to permit the Company to repay up to \$800,000 of principal under the Loan Agreement by issuing shares of the Company’s common stock and (ii) elected to prepay \$800,000 of loan principal by delivering 629,921 shares of the Company’s common stock to Trung Doan, based on the closing price of \$1.27 per share on February 8, 2024. All other terms and conditions of the Loan Agreement remained the same.

On February 9, 2024, the Company repaid \$800,000 of loan principal by delivering 629,921 shares of the Company’s common stock to Mr. Doan, based on the closing price of \$1.27 per share on February 8, 2024.

On July 3, 2024, the Company and Trung Doan entered into the Sixth Amendment to the Loan Agreement. The Sixth Amendment to the Loan Agreement amended the Loan Agreement to permit the Company, upon the mutual agreement of the Company and Trung Doan, to repay a portion of the principal amount or accrued interest under the Loan Agreement, by issuing shares of the Company’s common stock to Trung Doan as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company’s common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement, as amended by the Sixth Amendment to the Loan Agreement, remained the same. On January 15, 2025, the Company entered into the Seventh Amendment to the Loan Agreement with Trung Doan and Fifth Amendment to the Loan Agreement with Simplot Taiwan Inc. to extend the maturity dates to January 15, 2026. All other terms and conditions of the Loan Agreements remained the same.

On February 28, 2025, the Company and Simplot Taiwan Inc. entered into the Sixth Amendment to the Loan Agreement (the “Amended Loan Agreement”). The Amended Loan Agreement, upon the mutual agreement of the Company and Simplot Taiwan Inc.,

permits the Company to repay any principal amount or accrued interest, in an amount not to exceed \$1,200,000, by issuing shares of the Company's common stock to Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company's common stock immediately preceding the business day of the payment notice date.

On February 28, 2025, the Company delivered payment notices indicating its intent to repay \$1,200,000 and \$400,000 of loan principal by delivering 722,891 shares and 240,963 shares of the Company's common stock to Simplot Taiwan Inc. and Trung Doan, respectively, based on the closing price of \$1.66 per share on February 27, 2025.

As of August 31, 2025 and 2024, these loans totaled \$800 thousand and \$2.4 million, respectively.

15. SUBSEQUENT EVENTS

The Company follows the guidance in FASB ASC 855-10 for the disclosure of subsequent events. The Company has analyzed its operations subsequent to August 31, 2025 to the date these consolidated financial statements were issued, finding that no material subsequent events need to be disclosed.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

Not applicable.

Item 9A. Controls and Procedures**Disclosure Controls and Procedures**

Our management, with the participation of our chief executive officer, or CEO, and our chief financial officer, or CFO, has evaluated the effectiveness of our disclosure controls and procedures as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act as of August 31, 2025. In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives. In addition, the design of disclosure controls and procedures must reflect the fact that there are resource constraints and that management is required to apply its judgment in evaluating the benefits of possible controls and procedures relative to their costs.

Based upon the aforementioned evaluation, our CEO and CFO have concluded that, as of August 31, 2025, our disclosure controls and procedures are designed at a reasonable assurance level and are effective to provide reasonable assurance that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the SEC rules and forms, and that such information is accumulated and communicated to our management, including our CEO and CFO, as appropriate to allow timely decisions regarding required disclosure.

Management's Report on Internal Control over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting. Under the supervision and with the participation of our management, including our CEO and CFO, we assessed the effectiveness of our internal control over financial reporting as of the end of the period covered by this report based on the framework in "Internal Control— Integrated Framework (2013)" issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on that assessment, our CEO and CFO concluded that our internal control over financial reporting is effective to provide reasonable assurance regarding the reliability of our financial reporting and the preparation of the financial statements for external purposes in accordance with GAAP, as of August 31, 2025.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting that occurred during the quarter ended August 31, 2025 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Item 9B. Other Information

During the fiscal quarter ended August 31, 2025, none of our directors or officers informed us of the adoption or termination of a "Rule 10b5-1 trading arrangement" or "non-Rule 10b5-1 trading arrangement," as those terms are defined in Regulation S-K, Item 408.

Item 9C. Disclosure Regarding Foreign Jurisdictions that Prevent Inspections

Not applicable.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

Our Board of Directors

Trung T. Doan, 66, has served as a director, Chairman of our Board and as our CEO since January 2005, and as our President since August 2012. Prior to joining us, Mr. Doan served as Corporate Vice President of Applied Global Services (AGS) Product Group at Applied Materials, Inc. and also served as President and Chief Executive Officer of Jusung Engineering, Inc., a semiconductor/LCD equipment company in Korea. In addition, Mr. Doan served as Vice President of Process Development at Micron Technology Inc. Mr. Doan previously served as a director of Advanced Energy Industries, a publicly traded manufacturer of power conversion and control systems. Mr. Doan also previously served as a director of Dolsoft Corporation, a privately held software company, as a director of Nu Tool Inc., a semiconductor technology company, and as a director of EMCO, a publicly traded manufacturer of advanced flow control devices and systems. Mr. Doan holds a Bachelor of Science in nuclear engineering from the University of California, Santa Barbara, where he graduated with honors, and a Master of Science in chemical engineering from the University of California, Santa Barbara. Our Board has determined that Mr. Doan should serve on our Board and as our Chairman based on his in-depth knowledge of our business and industry and his experience serving on the boards of directors of several major technology companies, as well as in management roles in the technology industry.

Walter Michael Gough, 71, has served as a director since April 2016. Mr. Gough has led Gough and Associates, a firm that specializes in financial consulting and CFO work for domestic and international companies since 2005. He was also a tenured faculty member in Accounting and Business at DeAnza College in Cupertino, California where he taught as professor from 1985 to 2019. From June 2000 to June 2004, he was Chief Financial Officer and Financial Consultant at NuTool Inc., a semiconductor equipment manufacturer. From 1995 through 1999, he was a founding member and Chief Financial Officer of Invest In Yourself, LLC; an organization that provided consulting for professional sports franchises. Prior to teaching and consulting, Mr. Gough was a financial analyst and contracts manager at Watkins-Johnson Company, a high technology electronics firm. Before Watkins-Johnson, Mr. Gough worked for Kidder Peabody, an investment banking firm. He holds MBA and BA degrees (cum laude) from Santa Clara University, and a Masters in English from Notre Dame de Namur University. Our Board has determined that Mr. Gough should serve on our Board based on his experience as a consultant to technology companies in both the United States and Taiwan, his prior experience as a chief financial officer of several companies, and his expertise in accounting and finance.

Dr. Edward Kuan Hsiung Hsieh, 73, has served as a director since February 2012. Dr. Hsieh has been Chairman, Chief Executive Officer and a director of Eton Intelligent Technologies, a media and publications company, since April 2000 and Chairman, Chief Executive Officer and a director of VR Networks, a VoIP and VR application company, since January 2000. He has also served as an Adjunct Professor at National Taiwan University since February 2009. From February 2007 to February 2010, Dr. Hsieh was Chief Executive Officer of Asia Pacific Telecom, a 3G mobile, and fixed line telecommunications company, as well as Executive Director of APOL, an Internet service provider. Dr. Hsieh holds a bachelor of science degree in electrical engineering from National Taiwan University, a master of science degree in electrical engineering from the University of California, Santa Barbara, and a doctor of philosophy degree in electrical engineering and applied physics from Cornell University. He also studied accounting at the University of California, Los Angeles. Our Board has determined that Dr. Hsieh should serve as a director based on his experience teaching Master of Business Administration classes at National Taiwan University, his service as an International Financial Adviser with Merrill Lynch, Pierce, Fenner & Smith and his management roles at several start-up companies.

Scott R. Simplot, 78, has served as a director since March 2005. Mr. Simplot has been Chairman of the Board of Directors and a Director of J. R. Simplot Company since May 2001 and August 1970, respectively. Mr. Simplot served as a Manager of or Partner in various closely held entities such as Block 22 LLC, Broadway Hospitality LLC, Columbia Developments LLC, Idaho Sports Properties LLC, Indian Creek Cattle, LLC, JRS Management L.L.C., JRS Properties III L.P., ESP Development LLC, Hotel 43 LLC, SBP LLLP, Simplot Ketchum Investment, LLC, Simplot Ketchum Properties, LLC, SR Management LLC, SRS Green River LLC, SRS Properties LLLP, Downtown Boise Areana, LLC, Grove Hotel-Boise, LLC, Sylvan Beach, LLC, and Highland Stables Park LLC. Mr. Simplot also serves as a director to various companies such as Bar -U-, Inc., Block 65 and 66 Master Association, Inc., Cal-Ida Chemical Company, Claremont Realty Company, CS Beef Packers, LLC, CS Property Development, LLC, Glen Dale Farms, Inc., J. R. Simplot Company Foundation, Inc., J. R. Simplot Foundation, Inc., JUMP, Inc., JRS India Corporation Private Limited, OSL Depot Condominium Management Association, Inc., Simplot India, LLC, Simplot Livestock Co., Simplot Taiwan Inc., SPS International, Inc., SR Simplot Foundation, Inc., Three Creek Ranch Company, and Camas, Inc. Mr. Simplot holds a Bachelor of Science degree in business from the University of Idaho and a Master's in Business Administration from the University of Pennsylvania. Our Board of Directors has determined that Mr. Simplot should serve as a director based on the extensive knowledge and insight he brings to our board of directors from his experience serving as Chairman and holding a variety of management positions at a large private company and serving on the boards of directors of companies in a variety of industries. Mr. Simplot became a Director on our board as part of his duties as the Chairman of the Board of J. R. Simplot Company, the 100 % owner of Simplot Taiwan, Inc., which was entitled to designate two members of our board of directors in connection with J. R. Simplot Company's investment in our Series A convertible preferred stock.

Dr. Chris Chang Yu, 67, has served as a director since July 2024. Dr. Yu currently serves as the Chairman of the Board of CRS Holding Inc., Changhe Bio-Medical Science Co., Ltd, Ningkasai Science (Shanghai) Co., Ltd, Changwei System Science (Shanghai) Co., Ltd, Anpac Bio-Medical Science (Lishui) Co., Ltd, Adanced Life Therapeutics Co., Ltd and New-Herizon Bio-Medical Science Co., Ltd and as executive director of Anpac Bio-Medical Science (Shanghai) Co., Ltd, Lisui Anpac Medical Laboratory Co., 3Ltd, Shiji (Hainan) Medical Technology Co., Ltd, Shanghai Muqing Anpac Health Technology Co., Ltd, Anpac (Shanghai) Health Management Consulting Co., Ltd and Annadi Life Technology (Zhejiang) Co., Ltd. Dr. Yu also currently serves as a director of Anji Cayman, serves as an executive partner of Jiaxing Changxin Enterprise Management Partnership (Limited Partnership) and Jiaxing Ningbeika Enterprise Management Partnership (Limited Partnership), and serves as a general manager of Changhe Bio-Medical Science Co., Ltd and Annadi Life Technology (Zhejiang) Co., Ltd. Dr. Yu is also a co-founder of Fresh2 Group Limited (formerly named AnPac Bio-Medical Science Co., Ltd.). Dr. Yu served as Chairman of the Board and Chief Executive Officer of Fresh2 Group from its inception in January 2010 until April 2022 and was re-appointed as Co-Chairman of the Board and Co-CEO in May 2022. He subsequently resigned as Co-Chairman of the Board of Fresh2 Group in October 2022 and resigned as Co-CEO in May 2023. Prior to founding Fresh2 Group, he co-founded Anji Microelectronics (Shanghai) Co., Ltd. in 2004. Dr. Yu served as a technical director at Semiconductor Manufacturing International Corporation from 2002 to 2004. Dr. Yu also served as a vice president of the research and development team of Cabot Microelectronics Corporation. Dr. Yu received his bachelor and master's degrees in physics from the University of Missouri Kansas-City Campus. He received his doctoral degree in physics from the Pennsylvania State University. The Board has determined that Dr. Yu should serve as a director based on his significant experience managing integrated circuit and technology companies and his experience as a CEO and director of a public company.

Executive Officers

In addition to Mr. Doan, our CEO, who also serves as a director, our executive officers consist of the following:

Christopher Lee, 54, has served as our Chief Financial Officer since September 2015. From November 2014 until his appointment as Chief Financial Officer, Mr. Lee was the interim Chief Financial Officer of the Company. Mr. Lee joined SemiLEDs in September 2014. He has served on the Board of Directors of Aixin Life International Inc. since February 2021. He also served as Ainos Inc. Chief Financial Officer since March 2024. Mr. Lee has over 25 years of experience in accounting and finance, including US GAAP, PCAOB standards and SEC rules and regulations. Prior to joining us, Mr. Lee was a partner of KEDP CPA Group from August 2009 to June 2011 and a self-employed accountant from July 2011 to August 2014. Mr. Lee holds a BS degree in accounting from Ohio State University and a MS degree in business taxation from Golden Gate University and is licensed as a Certified Public Accountant (CPA) in the United States.

CORPORATE GOVERNANCE

Board Composition

Our Nominating and Corporate Governance Committee is charged with identifying and evaluating individuals qualified to serve as members of the Board and recommending to the full Board nominees for election as directors. We seek directors with experience in areas relevant to the strategy and operations of the Company. We seek a Board that collectively has a range and diversity of skills, experience, age, industry knowledge and other factors in the context of the needs of the Board. The biographies of each of the nominees below contains information regarding the person's service as a director, business experience, director positions held currently or at any time during the last five years and the experiences, qualifications, attributes or skills that caused the Nominating and Corporate Governance Committee to determine that the person should serve as a director of our Company. In addition to the information presented below regarding each director's specific experience, qualifications, attributes and skills that led our Nominating and Corporate Governance Committee and Board to the conclusion that he should serve as a director, we also believe that each of our directors has a reputation for integrity, honesty and adherence to high ethical standards. Each of our directors has demonstrated business acumen and an ability to exercise sound judgment, as well as a commitment of service to our Company and our Board. Each of our director nominees is currently serving on the Board.

Board Responsibilities and Structure

The Board oversees, counsels, and directs management in the long-term interests of the Company and our stockholders. The Board's responsibilities include:

- selecting, evaluating the performance of, and determining the compensation of the CEO and other executive officers;
- overseeing the risks that the Company faces;
- reviewing and approving our major financial objectives and strategic and operating plans, and other significant actions;

- overseeing the conduct of our business and the assessment of our business and other enterprise risks to evaluate whether the business is being properly managed; and
- overseeing the processes for maintaining our integrity with regard to our financial statements and other public disclosures, and compliance with law and ethics.

The Board and its committees met throughout the year on a set schedule, held special meetings, and acted by written consent from time to time as appropriate. During fiscal year 2025, the Board held executive sessions for the independent directors to meet without Mr. Doan present at the end of every Board meeting.

Our Bylaws do not dictate a particular Board structure and the Board is free to determine whether or not to have a Chairman and, if so, to select that Chairman and our CEO in the manner it considers our best interest. Currently, the Board has selected Mr. Doan to hold the position of both Chairman of the Board and CEO. Mr. Doan's experience at the Company has afforded him intimate knowledge of the issues, challenges and opportunities facing each of the Company's businesses. Accordingly, he is well positioned to focus the Board's attention on the most pressing issues facing the Company. The Board has not appointed a lead independent director. The Board believes its administration of its risk oversight function has not affected the Board's leadership structure.

Board Committees and Charters

The Board delegates various responsibilities and authority to different Board committees. Committees regularly report on their activities and actions to the full Board. The Board currently has, and appoints the members of, a standing Audit Committee, Compensation Committee, and Nominating and Corporate Governance Committee. Each of the Board committees has a written charter approved by the Board, and we post each charter on our web site at <https://www.semileds.com/corporategovernance>. Each committee can engage outside experts, advisors and counsel to assist the committee in its work. The following table identifies the directors who served on committees during fiscal 2025.

Name	Audit	Compensation	Nominating and Corporate Governance
Dr. Edward Kuan Hsiung Hsieh	Chair	✓	
Walter Michael Gough	✓		
Scott R. Simplot		Chair	Chair
Dr. Chris Chang Yu	✓		
Number of Committee Meetings Held in Fiscal Year 2025	4	3	3

Audit Committee

Our Audit Committee is responsible for, among other things:

- reviewing and approving the selection of our independent auditors, and approving the audit and non-audit services to be performed by our independent auditors;
- monitoring the integrity of our financial statements and our compliance with legal and regulatory requirements as they relate to financial statements or accounting matters;
- reviewing the adequacy and effectiveness of our internal control policies and procedures;
- discussing the scope and results of the audit with the independent auditors and reviewing with management and the independent auditors our interim and year-end operating results; and
- overseeing cybersecurity risks; and
- preparing the Audit Committee Report that the SEC requires in our annual proxy statement.

The Board believes that each current member of our Audit Committee is an independent director under the Nasdaq rules and meets the additional SEC independence requirements for audit committee members. It has also determined that Dr. Hsieh, Mr. Gough and Dr. Yu, each of whom are independent directors, meet the requirements of an "audit committee financial expert," as defined in Regulation S-K.

Compensation Committee

As a “controlled company”, we rely on the exemption from the Nasdaq requirement that we have a compensation committee composed entirely of independent directors. Our Compensation Committee is responsible for, among other things:

- overseeing our compensation policies, plans and benefit programs;
- reviewing and approving for our executive officers: the annual base salary, the annual incentive bonus, including the specific goals and amount, equity compensation, employment agreements, severance arrangements and change in control arrangements, and any other benefits, compensation or arrangements;
- reviewing and determining our equity-based compensation plans; and
- administering our equity-based compensation plans.

Although the Compensation Committee has the authority to determine the compensation paid to executive officers, other officers, employees, consultants and advisors, it can delegate its responsibility for setting compensation for individuals other than the CEO to a subcommittee, in the case of other officers, or to officers, in the case of employees and consultants. It may also delegate to officers the authority to grant options or other equity or equity-based awards to employees who are not executive officers or members of the Board. It may also generally take into account the recommendations of the CEO, other than with respect to his own compensation.

Nominating and Corporate Governance Committee

As a “controlled company”, we rely on the exemption from the Nasdaq requirement that we have a nominating and corporate governance committee composed entirely of independent directors. Our Nominating and Corporate Governance Committee is responsible for, among other things:

- identifying prospective director nominees and recommending nominees for each annual meeting of stockholders to the Board;
- reviewing developments in corporate governance practices and developing and recommending governance principles applicable to our Board;
- overseeing the evaluation of our Board and management; and
- recommending members for each Board committee to our Board.

Our Nominating and Corporate Governance Committee has not established any minimum qualifications for directors although in assessing the skills and characteristics of individual members, it must give due regard for independence and financial literacy considerations dictated by the Nasdaq rules. The Nominating and Corporate Governance Committee does not at this time have a policy regarding its consideration of director candidates recommended by stockholders, as it has not yet received any such recommendations. It may adopt a policy if such recommendations are received. In nominating candidates, the Nominating and Corporate Governance Committee takes into consideration such factors as it deems appropriate. These factors may include judgment, skill, diversity, experience with businesses or other organizations of comparable size, the interplay of the candidate’s experience with the experience of other Board members, requirements of Nasdaq and the SEC to maintain a minimum number of independent or non-interested directors, requirements of the SEC as to disclosure regarding persons with financial expertise on the Company’s Audit Committee and the extent to which the candidate generally would be a desirable addition to the Board and any committees of the Board. The Committee believes the Board generally benefits from diversity of skills, experience, age, industry knowledge of background, and views among its members, and considers this a factor in evaluating the composition of the Board, but has not adopted any specific policy in this regard.

Attendance at Board, Committee and Annual Stockholders’ Meetings

The Board held four meetings in fiscal 2025. We expect each director to attend every meeting of the Board and the committees on which he serves, and encourage them to attend the annual stockholders’ meeting. All directors attended at least 75% of the aggregate meetings of the Board and the committees on which they served in fiscal 2025 and all directors attended the 2025 annual meeting of stockholders.

Risk Management

The Board is involved in the oversight of risks that could affect the Company. The Board also monitors cyber threat trends, regulatory developments, and major threats to the Company, including setting expectations and accountability for management, as well as assessing the adequacy of resources, funding, and focus on cyber risk management activities. This oversight is conducted primarily through the Audit

Committee which, on behalf of the Board, is charged with overseeing the principal risk exposures we face and our mitigation efforts in respect of these risks. The Audit Committee is responsible for interfacing with management and discussing with management the Company's principal risk exposures and the steps management has taken to monitor and control risk exposures, including risk assessment and risk management policies. The Compensation Committee also plays a role in that it is charged, in overseeing the Company's overall compensation structure, with assessing whether that compensation structure creates risks that are reasonably likely to have a material adverse effect on us.

Insider Trading Policy

We are committed to promoting high standards of ethical business conduct and compliance with applicable laws, rules and regulations. As such, we have adopted our insider trading policy (the "Insider Trading Policy") applicable to our directors, officers, and employees, and have implemented processes that we believe are reasonably designed to promote compliance with insider trading laws, rules, and regulations, and the Nasdaq Stock Market listing standards applicable to us.

Among other things, our insider trading policy does not permit hedging or derivative transactions involving Company securities, "cashless" collars, forward contracts, equity swaps or other similar or related transactions. In addition, we recommend that employees and directors not margin or pledge Company securities to secure a loan and that employees and directors not purchase Company securities "on margin". A copy of our Insider Trading Policy is filed as Exhibit 19.1 to the Form 10-K filed at November 27, 2024.

Code of Business Conduct and Ethics

We have adopted a Code of Business Conduct and Ethics that applies to all of our employees, officers and directors, including those officers responsible for financial reporting. These standards are designed to deter wrongdoing and to promote honest and ethical conduct. The Code of Business Conduct and Ethics is available at our website at <https://www.semileds.com/corporategovernance>. Any amendments to the Code, or any waivers of its requirements required to be disclosed pursuant to SEC or Nasdaq requirements, will be disclosed on the website.

Rule 10b5-1 Trading Plan Policy

We have adopted a Rule 10b5-1 trading plan policy, which permits our officers, directors, and certain other persons to enter into trading plans complying with Rule 10b5-1 under the Exchange Act. Generally, under these trading plans, the individual relinquishes control over the transactions once the trading plan is put into place and can only put such plans into place while the individual is not in possession of material non-public information. Accordingly, sales under these plans may occur at any time, including possibly before, simultaneously with, or immediately after significant events involving our company.

Communications from Stockholders and Other Interested Parties to Directors

The Board recommends that stockholders and other interested parties initiate communications with the Board, any committee of the Board or any individual director in writing to the attention of our Corporate Secretary at our principal executive office at 3F, No.11 Ke Jung Rd., Chu-Nan Site, Hsinchu Science Park, Chu-Nan 350, Miao-Li County, Taiwan, R.O.C. This process will assist the Board in reviewing and responding to stockholder communications in an appropriate manner. The Board has instructed our Corporate Secretary to review such correspondence and, at his discretion, not to forward items if he deems them to be of a commercial or frivolous nature or otherwise inappropriate for the Board's consideration.

Delinquent Section 16(a) Reports

Section 16(a) of the Exchange Act requires our directors, executive officers and beneficial owners of more than 10% of our common stock to file with the SEC an initial report of ownership of our stock on Form 3 and reports of changes in ownership on Form 4 or Form 5. Persons subject to Section 16 are required by SEC regulations to furnish us with copies of all Section 16(a) forms that they file. As a matter of practice, our administrative staff assists our executive officers and directors in preparing initial ownership reports and reporting ownership changes, and typically files those reports on their behalf. Based solely on a review of the copies of such forms in our possession and on written representations from reporting persons, we believe that during fiscal year 2025 all of our executive officers, directors and 10% beneficial owners filed the required reports on a timely basis under Section 16(a).

Item 11. *Executive Compensation*

COMPENSATION OF THE NAMED EXECUTIVE OFFICERS AND DIRECTORS

Executive Compensation

This executive compensation section discloses the compensation awarded to or earned by our “named executive officers” during fiscal years 2025, 2024 and 2023.

We held our last non-binding advisory vote regarding compensation of our named executive officers at 2024 Annual Meeting of Stockholders and expect to hold our next vote at our 2027 Annual Meeting of Stockholders.

Summary Compensation Table

The following table sets forth all of the compensation earned by named executive officers during the relevant fiscal years.

Name and Principal Position	Fiscal Year	Salary (\$)	Bonus (\$)	Stock	Option	All Other Compensation	Total (\$)
				Awards (\$)(1)	Awards (\$)	n (\$)	
Trung T. Doan Chief Executive Officer	2025	243,000	—	—	—	—	243,000
	2024	243,000	—	—	—	—	243,000
	2023	243,000	—	—	—	—	243,000
Christopher Lee Chief Financial Officer	2025	88,614	—	5,610	—	—	94,224
	2024	87,543	—	19,360	—	—	106,903
	2023	89,151	—	35,050	—	—	124,201

- (1) The amount reported in this column represent the grant date fair value of the RSUs granted in the fiscal years ended August 31, 2025, 2024 and 2023, respectively, calculated in accordance with FASB ASC Topic 718. Each restricted stock unit award was granted pursuant to our 2010 Plan.

Disclosure Policies and Practices Related to the Grant of Equity Awards Close in Time to the Release of Material Nonpublic Information

We do not grant stock options or similar awards as part of our equity compensation programs. If stock options or similar awards are granted, our policy is to not grant stock options or similar awards in anticipation of the release of material nonpublic information that is likely to result in changes to the price of our common stock, such as a significant positive or negative earnings announcement, and not time the public release of such information based on stock option grant dates. In addition, it is our policy to not grant stock options or similar awards during periods in which there is material nonpublic information about our company, including (i) during “blackout” periods or outside a “trading window” established in connection with the public release of earnings information under our insider trading policy or (ii) at any time during the four business days prior to or the one business day following the filing of our periodic reports or the filing or furnishing of a Form 8-K that discloses material nonpublic information. These restrictions do not apply to RSUs or other types of equity awards that do not include an exercise price related to the market price of our common stock on the date of grant.

During the period covered by this report, we have not timed the disclosure of material nonpublic information for the purpose of affecting the value of executive compensation.

During the fiscal year ended August 31, 2025, none of our named executive officers were awarded options with an effective grant date during any period beginning four business days before the filing or furnishing of a Form 10-Q, Form 10-K, or Form 8-K that disclosed material nonpublic information (other than a Form 8-K that disclosed a material new option award grant under Item 5.02(e)), and ending one business day after the filing or furnishing of such reports.

Outstanding Equity Awards at Fiscal Year-End

The following table sets forth the outstanding equity awards held by our named executive officers as of the fiscal year ended August 31, 2025.

Name	Option Awards				Stock Awards			
	Number of Securities Underlying Unexercised Options Exercisable	Number of Securities Underlying Unexercised Options Un-exercisable	Equity Incentive Plan Awards: Number of Securities Underlying Unexercised Options	Option Exercise Price (\$)	Award Date	Number of Shares or Units of Stock That Have Not Vested (1)	Market Value of Shares or Units of Stock That Have Not Vested (\$)(2)	Equity Incentive Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)
Trung T. Doan	—	—	—	—	—	—	—	—
Christopher Lee	—	—	—	—	07/10/25	8,000 ⁽³⁾	14,960	—

(1) Represents RSU awards granted pursuant to our 2010 Plan.

(2) Amounts calculated using the closing market price of a share of our common stock as of August 31, 2025, which was \$1.87.

(3) This RSU award vests in eight quarterly installments with the first installment vesting three months after the grant date.

Pension Benefits

We do not maintain any defined benefit pension plans.

Nonqualified Deferred Compensation

We do not maintain any nonqualified deferred compensation plans.

Severance and Change in Control Benefits

Mr. Doan entered into an employment agreement in 2005, which provides that if he is terminated by us without cause or resigns due to a constructive termination, he will receive as severance an amount equal to six months of his then-current salary plus his current medical insurance for six months following his termination date. We offered such severance to motivate Mr. Doan to continue as our executive officer by providing severance protection in the event that he is terminated by us without having committed any egregious act constituting cause or if we adversely change his position such that he resigns. Cause is defined as (a) the conviction of a felony or of any criminal

offense involving moral turpitude; (b) the repeated failure to satisfactorily perform duties reasonably required by us; (c) material breach of the proprietary information and invention agreement, our written policies established by our Board or any term of his employment agreement; or (d) misappropriation of our property or unlawful appropriation of our corporate opportunity or our business. If we determine cause exists, we will provide Mr. Doan with written notice alleging cause and his failure to remedy the alleged cause within 30 days may result in a termination for cause. Constructive termination is defined as one of the following events when we have not received Mr. Doan's written consent for such event: (a) a significant reduction of his duties, position or responsibilities relative to his duties, position or responsibilities in effect immediately prior to such reduction or his removal from such position, duties and responsibilities, provided that a reduction in duties, position or responsibilities solely by virtue of us being acquired and made part of a larger entity will not constitute a constructive termination; (b) a substantial reduction, without good business reasons, of the facilities and perquisites available to him immediately prior to such reduction; (c) a reduction of his base salary unless such reduction is a part of a Company-wide reduction for similarly situated persons; or (d) a material reduction in the kind or level of employee benefits to which he is entitled immediately prior to such reduction, with the result that his overall benefits package is significantly reduced, unless such reductions are part of a Company-wide reduction for similarly situated persons.

Employment Agreements

Mr. Doan entered into an employment agreement in 2005, which provides for the severance payments and benefits described under "Severance and Change in Control Benefits" above.

Pay Versus Performance

As required by Item 402(v) of Regulation S-K under the Securities Exchange Act of 1934, as amended (the "Pay Versus Performance Rules"), we are providing the following information about the relationship between executive compensation actually paid and the financial performance of the Company. This disclosure has been prepared in accordance with the Pay Versus Performance Rules and does not necessarily reflect how the Compensation Committee evaluates compensation decisions. Because we are a "smaller reporting company" as defined under the U.S. federal securities laws, in accordance with the smaller reporting rules under Item 402(v) of Regulation S-K, the Company has provided the information required by Item 402(v) of Regulation S-K for two fiscal years and is not required to provide disclosure under Item 402(v)(2)(iv), (v)(5), (v)(2)(vi) or (v)(6).

Year ⁽¹⁾	Summary Compensation Table Total for PEO	Compensation Actually Paid to PEO ⁽²⁾⁽³⁾	Average Summary Compensation Table Total for Non-PEO NEOs ⁽²⁾⁽⁴⁾	Average Compensation Actually Paid to Non-PEO NEOs	Value of Initial Fixed \$100 Investment Based On Total Shareholder Return ⁽⁵⁾	Net Income (Loss) (\$ in thousands)
2025	\$ 243,000	\$ 243,000	\$ 94,224	\$ 103,804	\$ 38.17	\$ (1,130)
2024	\$ 243,000	\$ 243,000	\$ 106,903	\$ 87,560	\$ 22.41	\$ (2,036)
2023	\$ 243,000	\$ 243,000	\$ 124,201	\$ 98,537	\$ 33.33	\$ (2,726)

(1) The following table lists the PEO and non-PEO NEOs for each of fiscal years 2025, 2024 and 2023.

Year	PEO	Non-PEO NEOs
2025	Trung T. Doan	Christopher Lee
2024	Trung T. Doan	Christopher Lee
2023	Trung T. Doan	Christopher Lee

- (2) The dollar amounts reported represent the amount of “compensation actually paid,” as calculated in accordance with the Pay Versus Performance Rules. These dollar amounts do not reflect the actual amounts of compensation earned by or paid to our NEOs during the applicable year. For purposes of calculating “compensation actually paid,” the fair value of equity awards is calculated in accordance with ASC Topic 718 using the same assumption methodologies used to calculate the grant date fair value of awards for purposes of the Summary Compensation Table (refer to “Compensation of the Named Executive Officers and Directors – Executive Compensation – Summary Compensation Table” for additional information).
- (3) The following table shows the amounts deducted from and added to the Summary Compensation Table total to calculate “compensation actually paid” to Mr. Doan in accordance with the Pay Versus Performance Rules:

Year	Summary Compensation Table Total for PEO	Change in Pension Value	Pension Service Cost	Reported Value of Equity Awards	Year End Fair Value of Equity Awards Granted in the Year and Unvested at Year End	Year over Year Change in Fair Value of Outstanding and Unvested Equity Awards Granted in Prior Years	Fair Value as of Vesting Date of Equity Awards Granted and Vested in the Year	Change in Fair Value of Equity Awards Granted in Prior Years that Vested in the Year	Fair Value at the End of the Prior Year of Equity Awards that Failed to Meet Vesting Conditions in the Year	Value of Dividends or other Earnings Paid on Stock or Option Awards not Otherwise Reflected in Fair Value	Compensation Actually Paid to PEO
2025	\$ 243,000	—	—	—	—	—	—	—	—	—	\$ 243,000
2024	\$ 243,000	—	—	—	—	—	—	—	—	—	\$ 243,000
2023	\$ 243,000	—	—	—	—	—	—	—	—	—	\$ 243,000

- (4) The following table shows the amounts deducted from and added to the average Summary Compensation Table total compensation to calculate the average “compensation actually paid” to our non-PEO NEOs in accordance with the Pay Versus Performance Rules:

Year	Average Summary Compensation Table Total for Non-PEO NEOs	Average Change in Pension Value	Average Pension Service Cost	Average Reported Value of Equity Awards	Average Year End Fair Value of Equity Awards Granted in the Year and Unvested at Year End	Average Year over Year Change in Fair Value of Outstanding and Unvested Equity Awards Granted in Prior Years	Average Fair Value as of Vesting Date of Equity Awards Granted and Vested in the Year	Average Change in Fair Value of Equity Awards Granted in Prior Years that Vested in the Year	Average Fair Value at the End of the Prior Year of Equity Awards that Failed to Meet Vesting Conditions in the Year	Average Value of Dividends or other Earnings Paid on Stock or Option Awards not Otherwise Reflected in Fair Value	Average Compensation Actually Paid to Non-PEO NEOs
2025	\$ 94,224	—	—	\$ (5,610)	\$ 14,960	\$ —	\$ —	\$ 230	—	—	\$ 103,804
2024	\$ 106,903	—	—	\$ (19,360)	\$ 4,050	\$ (1,170)	\$ 0	\$ (2,863)	—	—	\$ 87,560
2023	\$ 124,201	—	—	\$ (35,050)	\$ 12,180	\$ (2,610)	\$ 2,600	\$ (2,784)	—	—	\$ 98,537

- (5) Assumes \$100 was invested for the period starting August 31, 2021, through the end of the listed year in the Company. Historical stock performance is not intended to forecast nor be indicative of the future stock performance of our common stock.

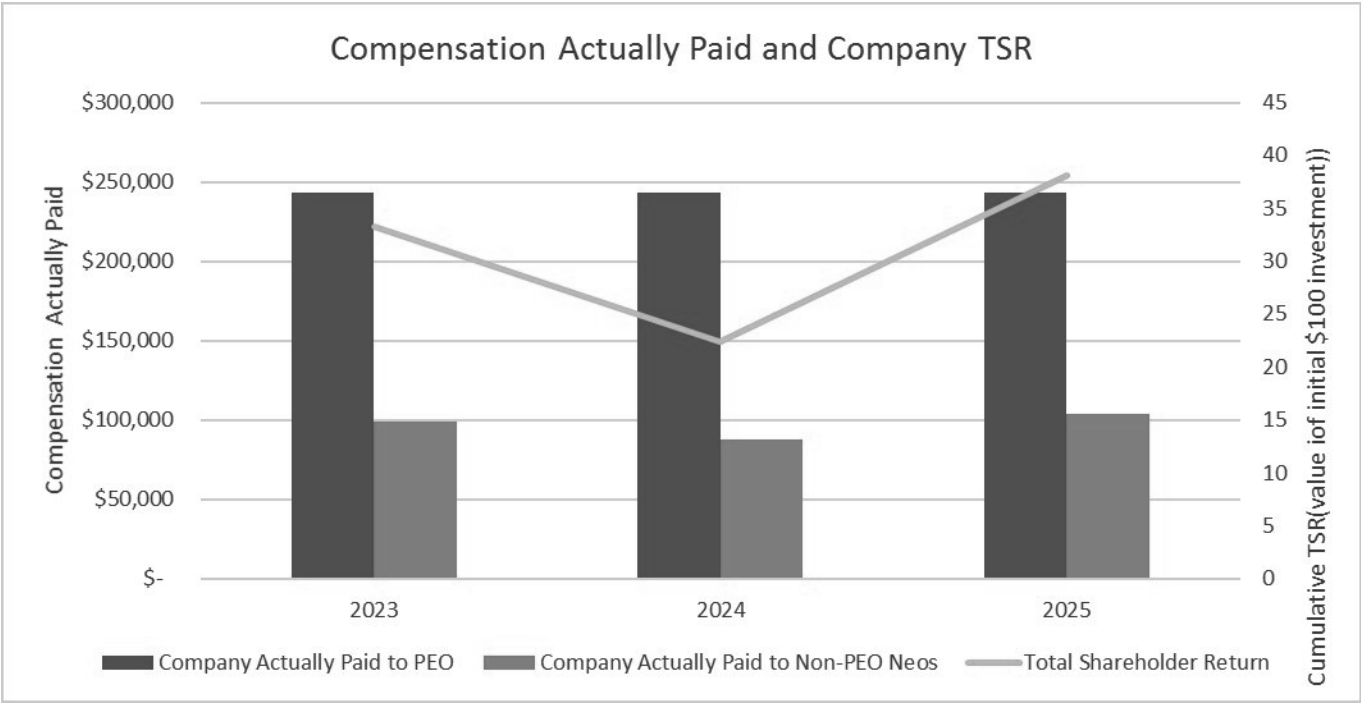
Relationship Between Financial Performance Measures

While the Company utilizes several performance measures to align executive compensation with Company performance, not all of those Company measures are presented in the Pay versus Performance table. Moreover, the Company generally seeks to incentivize long-

term performance, and therefore does not specifically align the Company’s performance measures with compensation that is actually paid (as computed in accordance with SEC rules) for a particular year. In accordance with SEC rules, the Company is providing the following descriptions of the relationships between information presented in the Pay versus Performance table.

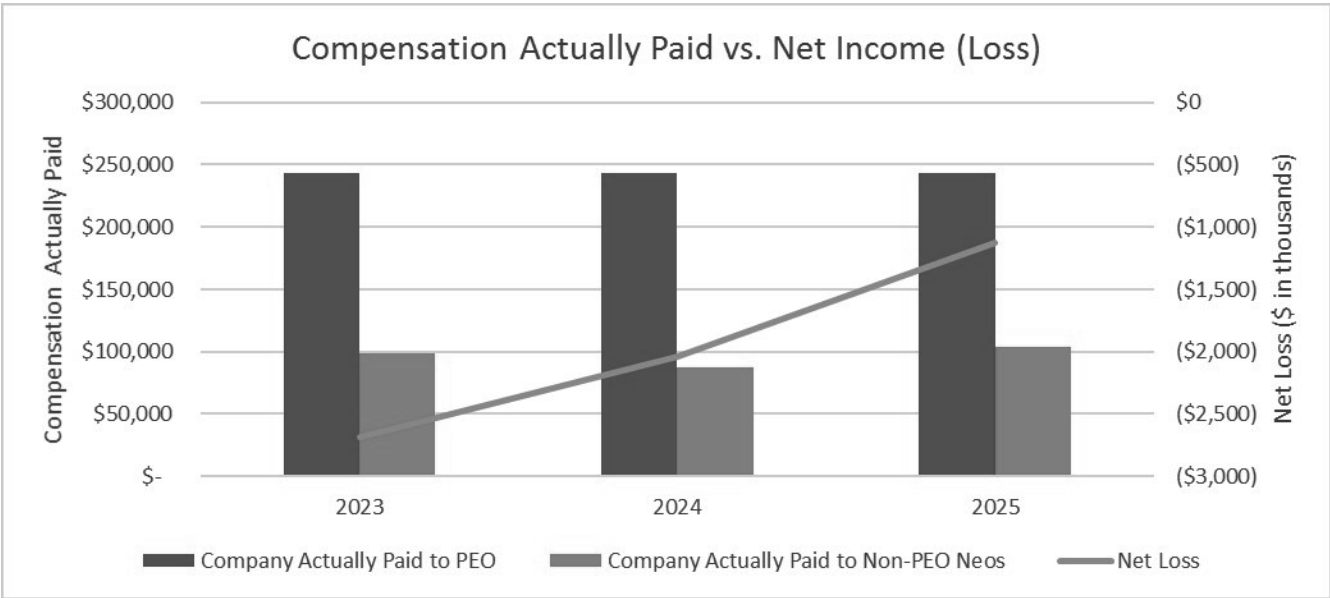
Compensation and Cumulative Total Shareholder Return

The following chart sets forth the relationship between PEO compensation, the average compensation of our Non-PEO NEOs, and the Company’s cumulative total shareholder return (“TSR”) for the years ended August 31, 2025, 2024 and 2023.



Compensation and Net Income

The following chart sets forth the relationship between PEO compensation, the average compensation of our Non-PEO NEOs, and the Company’s net income for the years ended August 31, 2025, 2024 and 2023.



Director Compensation

Our Board amended our director compensation policy on November 11, 2020 to replace the annual cash retainers for board and committee service with additional restricted stock units, as a result of which non-employee members of the Board now receive the following compensation for their board and committee services:

- no annual cash retainer for general Board or committee service;
- no cash payments for attendance at general Board meetings; and
- each year shortly following the annual stockholder meeting an annual grant of 5,000 shares of restricted stock units, which fully vest on the earlier of the next annual meeting or the one-year anniversary of the grant date, whichever is earlier, subject to continued service through the vesting date, provided that the restricted stock units will fully vest if we are subject to a change in control during their service.

The director compensation policy requires directors to attend at least 75% of the meetings each year in order to be renominated. The policy also includes an equity ownership guideline whereby our directors will be expected to own and hold shares of our common stock until retirement from their Board service. We also reimburse non-employee directors for travel, lodging and other expenses incurred in connection with their attendance at Board or committee meetings.

Director Compensation Table

The following table sets forth the total compensation for our non-employee directors for the year ended August 31, 2025:

Name	Fees Earned or Paid in Cash (\$)	Stock Awards \$(2)	All Other Compensation (\$)	Total (\$)
Dr. Edward Kuan Hsiung Hsieh	—	6,400	—	6,400
Walter Michael Gough	—	6,400	—	6,400
Dr. Chris Chang Yu	—	6,400	—	6,400
Scott R. Simplot ⁽¹⁾	—	—	—	—

(1) Mr. Simplot waived any right to compensation.

(2) The amount reported in this column represent the grant date fair value of the RSUs granted in the fiscal year ended August 31, 2025, calculated in accordance with FASB ASC Topic 718. Each restricted stock unit award was granted pursuant to our 2010 Plan. Unless otherwise specified, each restricted stock unit award will vest in four equal installments commencing on the grant date, 100% of the stock units shall immediately vest on the date of the 2026 annual meeting, subject to continued service through the vesting date, provided that the restricted stock units will fully vest if we are subject to a change in control during their service.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

PRINCIPAL STOCKHOLDERS

The following table sets forth information regarding the beneficial ownership of our common stock as of November 20, 2025 with respect to:

- each person, or group of affiliated persons, who is known by us to own beneficially 5% or more of our common stock;
- each of our directors;
- each of our named executive officers; and
- all directors and executive officers as a group.

Beneficial ownership is determined in accordance with the rules of the SEC. All shares of our common stock subject to options currently exercisable or exercisable within 60 days of November 20, 2025 and RSUs that will vest within 60 days of November 20, 2025, are deemed to be outstanding for the purpose of computing the percentage ownership of the person or group holding options and RSUs, but are not deemed to be outstanding for computing the percentage of ownership of any other person.

Unless otherwise indicated by the footnotes below, we believe, based on the information furnished to us, that each stockholder named in the table has sole voting and investment power with respect to all shares beneficially owned, subject to applicable community property laws.

Percentage of ownership is based on 8,226,153 shares of common stock outstanding as of November 20, 2025.

Unless otherwise indicated in the footnotes to the table, the address of each individual listed in the table is c/o SemiLEDs Corporation, 3F, No.11, Ke Jung Rd., Chu-Nan Site, Hsinchu Science Park, Chu-Nan 350, Miao-Li County, Taiwan, R.O.C.

Name and Address of Beneficial Owner	Shares Beneficially Owned	
	Number	Percent
5% Stockholders:		
Simplot Taiwan, Inc. J.R. Simplot Company	4,716,188 ⁽¹⁾	57.3 %
Trung Tri Doan	4,716,188 ⁽²⁾	57.3 %
Executive Officers and Directors:		
Trung Tri Doan	4,716,188 ⁽²⁾	57.3 %
Walter Michael Gough	36,068 ⁽³⁾	*
Dr. Edward Kuan Hsiung Hsieh	48,571 ⁽³⁾	*
Scott R. Simplot	4,716,188 ⁽¹⁾	57.3 %
Dr. Chris Chang Yu	5,000 ⁽³⁾	*
Christopher Lee	26,800 ⁽⁴⁾	*
All executive officers and directors as a group (6 persons)	4,832,627	58.7 %

* Indicates beneficial ownership of less than 1%.

- (1) Based on Schedule 13D/As filed with the SEC on March 4, 2025. Represents beneficial ownership of 4,716,188 shares consisting of (i) 3,168,190 shares held of record by Simplot Taiwan, Inc., a wholly owned subsidiary of Simplot Company of which Scott R. Simplot is Chairman, (ii) 31,036 shares held of record by JRS Properties, of which Mr. Simplot is one of the managers of the sole general partner, JRS Management, (iii) 1,389,821 shares held of record by Mr. Doan and which may be attributable to Mr. Simplot by virtue of his relationships with Simplot Taiwan, Inc. and JRS Properties III LLLP, both of which are parties to the Voting Agreement dated June 3, 2024 (the "Voting Agreement"), and (iv) 127,141 shares held of record by the Trung Doan 2010 GRAT and which may be attributable to Mr. Simplot by virtue of his relationships with Simplot Taiwan, Inc. and JRS Properties III LLLP, both of which are parties to the Voting Agreement. Mr. Simplot is the Chairman of the Simplot Company and a manager of JRS Management. Accordingly, Mr. Simplot may be deemed to have shared voting power over 4,716,188 shares and shared dispositive power over

3,199,226 shares. Mr. Simplot disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein. The address of Simplot Taiwan, Inc. is 1099 West Front Street, Boise, Idaho 83702.

- (2) Based on a Schedule 13D/A filed with the SEC on March 4, 2025. Includes (1) 127,141 shares owned directly by The Trung Doan 2010 GRAT, of which Mr. Doan is the sole trustee and (2) 1,389,821 shares held directly by Mr. Doan. Also includes 31,036 shares directly owned by JRS Properties III LLLP and 3,168,190 shares directly held by Simplot Taiwan, Inc., which may be attributable to Mr. Doan by virtue of the Voting Agreement. Accordingly, Mr. Doan may be deemed to have shared voting power over 4,716,188 shares and sole dispositive power over 1,516,962 shares. Mr. Doan disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein.
- (3) Includes 2,500 restricted stock units that will vest within 60 days.
- (4) Includes 1,000 restricted stock units that will vest within 60 days.

Equity Compensation Plan Information

The following table summarizes information about our equity compensation plans as of August 31, 2025. All outstanding awards relate to our common stock.

Plan category	Number of securities to be issued upon exercise of outstanding options, warrants and rights (a) (in thousands)	Weighted-average exercise price of outstanding options, warrants and rights(2) (b)	Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)) (c) (in thousands)
Equity compensation plans approved by security holders	98 ⁽¹⁾	\$ 2.39	444
Equity compensation plans not approved by security holders	—	—	—
Total	98		444

- (1) Consists of stock options granted under the 2005 Equity Incentive Plan and the 2010 Equity Incentive Plan, and restricted stock units granted under the 2010 Equity Incentive Plan. No additional grants could be made under the 2005 Equity Incentive Plan after December 8, 2010. In April 2014 and July 2019, SemiLEDs' stockholders approved amendments to the 2010 Plan that increased the number of shares authorized for issuance under the plan by an additional 250 thousand shares and 500 thousand shares, respectively. On September 25, 2020, SemiLEDs' stockholders approved an increase in the authorized Equity Incentive Plan share reserve under the 2010 plan by an additional 400 thousand shares.
- (2) The weighted average exercise price does not take into account the shares issuable upon vesting of outstanding restricted stock unit awards, which have no exercise price. The information required by this Item with respect to the securities ownership of directors, officers and certain beneficial owners is set forth under the heading "Principal Stockholders" above.

Item 13. Certain Relationships and Related Transactions, and Director Independence

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

Since September 1, 2022, there has not been any transaction or series of similar transactions to which we were or are a party in which the amount involved exceeded or exceeds the lesser of \$120,000 or one percent of the average of our total assets at year-end for the last two completed fiscal years, and in which any of our directors or executive officers, any holder of more than 5% of any class of our voting securities or any member of the immediate family of any of the foregoing persons had or will have a direct or indirect material interest, other than the transactions described below, some of which represent continuing transactions from prior periods.

Loan Agreements with Chief Executive Officer and Significant Stockholder

On January 8, 2019, the Company entered into secured loan agreements with Trung Doan, its Chairman and Chief Executive Officer and J.R. Simplot Company, its largest shareholder, with aggregate amounts of \$1.7 million and \$1.5 million, respectively, and an annual interest rate of 8% (the "Loan Agreements"). The Loan Agreements are secured by a second priority security interest on the Company's headquarters building. The maturity date of the Loan Agreements were January 14, 2021 and January 22, 2021, respectively. On January 16, 2021, the maturity date of the Loan Agreements was extended with same terms and interest rate for one year to January 15, 2022, and on January 14, 2022, the maturity date of the Loan Agreements was extended again with same terms and interest rate for one more year to

January 15, 2023. On January 13, 2023, the maturity date of the Loan Agreements was further extended with same terms and interest rate for one year to January 15, 2024.

On January 7, 2024, J.R. Simplot Company entered into an assignment agreement (the “Assignment”) pursuant to which J.R. Simplot assigned and transferred all of its right, title and interest in and to the Loan Agreement to Simplot Taiwan Inc., in accordance with and subject to the terms and conditions of the Loan Agreement.

On January 7, 2024, the Company entered into the Fourth Amendment to the Loan Agreements with each of Simplot Taiwan Inc. and Trung Doan. The Fourth Amendment to the Loan Agreement with Simplot Taiwan Inc. (i) extended the maturity date to January 15, 2025, and (ii) upon mutual agreement of the Company and Simplot Taiwan Inc., permitted the Company to repay any principal amount or accrued interest, in an amount not to exceed \$400,000, by issuing shares of the Company’s common stock in the name of Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company’s common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement with Simplot Taiwan Inc. remained the same. The Fourth Amendment to the Loan Agreement with Trung Doan amended the loan's maturity date with same terms and interest rate to January 15, 2025. All other terms and conditions of the Loan Agreement with Trung Doan remained the same.

On January 7, 2024, the Company issued 305,343 shares of its common stock at a price of \$1.31 per share to repay \$400,000 of accrued interest on the loan agreement with Simplot Taiwan Inc.

On February 9, 2024, the Company entered into the Fifth Amendment to the Loan Agreements with Trung Doan. The Fifth Amendment to the Loan Agreements with Trung Doan (i) amended the Loan Agreement to permit the Company to repay up to \$800,000 of principal under the Loan Agreement by issuing shares of the Company’s common stock and (ii) elected to prepay \$800,000 of loan principal by delivering 629,921 shares of the Company’s common stock to Trung Doan, based on the closing price of \$1.27 per share on February 8, 2024. All other terms and conditions of the Loan Agreement remained the same.

On February 9, 2024, the Company repaid \$800,000 of loan principal by delivering 629,921 shares of the Company’s common stock to Mr. Doan, based on the closing price of \$1.27 per share on February 8, 2024.

On July 3, 2024, the Company and Trung Doan entered into the Sixth Amendment to the Loan Agreement. The Sixth Amendment to the Loan Agreement amended the Loan Agreement to permit the Company, upon the mutual agreement of the Company and Trung Doan, to repay a portion of the principal amount or accrued interest under the Loan Agreement, by issuing shares of the Company’s common stock to Trung Doan as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company’s common stock immediately preceding the business day of the payment notice date. All other terms and conditions of the Loan Agreement, as amended by the Sixth Amendment to the Loan Agreement, remained the same. On January 15, 2025, the Company entered into the Seventh Amendment to the Loan Agreement with Trung Doan and Fifth Amendment to the Loan Agreement with Simplot Taiwan Inc. to extend the maturity dates to January 15, 2026. All other terms and conditions of the Loan Agreements remained the same.

On February 28, 2025, the Company and Simplot Taiwan Inc. entered into the Sixth Amendment to the Loan Agreement (the “Amended Loan Agreement”). The Amended Loan Agreement, upon the mutual agreement of the Company and Simplot Taiwan Inc., permits the Company to repay any principal amount or accrued interest, in an amount not to exceed \$1,200,000, by issuing shares of the Company’s common stock to Simplot Taiwan Inc. as partial repayment of the Loan Agreement at a price per share equal to the closing price of the Company’s common stock immediately preceding the business day of the payment notice date.

On February 28, 2025, the Company delivered payment notices indicating its intent to repay \$1,200,000 and \$400,000 of loan principal by delivering 722,891 shares and 240,963 shares of the Company’s common stock to Simplot Taiwan Inc. and Trung Doan, respectively, based on the closing price of \$1.66 per share on February 27, 2025.

As of August 31, 2025, the aggregate principal balance of the loan agreement with Trung Doan was \$500 thousand, and the aggregate principal balance of the loan agreement with Simplot Taiwan was \$300 thousand.

Voting Agreement

On June 3, 2024, Mr. Doan, in his capacity as a stockholder of the Company, entered into a Voting Agreement by and between Simplot Taiwan, Inc., an Idaho corporation (“Simplot”), JRS Properties III LLLP, an Idaho limited liability limited partnership (“JRS Properties” and together with Simplot, the “Simplot Shareholders”), and The Trung Tri Doan 2010 GRAT (the “Doan Trust”) of which Mr. Doan is the sole trustee (Doan and the Doan Trust together, the “Doan Shareholders” and together with the Simplot Shareholders, the “Stockholder Group”). The aggregate amount of shares of the Company owned by them constitutes a majority of the issued and outstanding shares of the Company as of the date of the Voting Agreement. Pursuant to the terms of the Voting Agreement, the Simplot Shareholders

and Doan Shareholders agreed to vote the shares of the Common Stock owned by them in favor of certain matters presented by the Company to its stockholders as provided in the Voting Agreement.

The Voting Agreement is effective as of June 3, 2024, and terminates upon at least ten days' written notice to the other members of the Stockholder Group or upon material breach of the terms therein. In addition, the Voting Agreement automatically terminates upon the earliest of (1) the Simplot Shareholders or the Doan Shareholders no longer own securities of the Company; (2) the sale of all or substantially all of the Company's assets; (3) the dissolution, insolvency or liquidation of the Company; (4) the death, bankruptcy, insolvency or dissolution of any of the Shareholders (as defined in the Voting Agreement), or (5) the Stockholder Group's joint written agreement to terminate the Voting Agreement.

As of August 31, 2025, the shares subject to the Voting Agreement represent approximately 57% of the voting power of our common stock.

Employment Agreements

See "Compensation of the Named Executive Officers and Directors—Employment Agreements."

Policies and Procedures for Related Party Transactions

Our Board has adopted a formal, written related party transactions policy pursuant to which, our executive officers, directors, beneficial owners of more than 5% of our common stock, and any member of the immediate family of and any firm, corporation or other entity at which any of the foregoing persons is employed or is a general partner or principal or in a similar position or in which such person has a 5% or greater beneficial interest, are not permitted to enter into a related party transaction with us without prior consent and approval of our Audit Committee. This policy covers any transaction, arrangement or relationship, or any series of similar transactions, arrangements or relationships in which we are a participant, the aggregate amount involved will or may be expected to exceed \$120,000 in any year and a related person has or will have a direct or indirect material interest (other than solely as a result of being a director or a less than 10% beneficial owner of another entity), including, without limitation, purchases of goods or services by or from the related person or entities in which the related person has a material interest, indebtedness, guarantees of indebtedness or employment by us of a related person.

The Audit Committee has determined that a related person does not have a direct or indirect material interest in the following categories of transactions and that each will be deemed to be preapproved:

- any transaction with another company at which a related person's only relationship is as an employee (other than an executive officer), director, or beneficial owner of less than 10% of that company's shares, if the aggregate amount involved does not exceed the greater of \$1 million or 2% of that company's total annual revenue.

Director Independence

The published listing requirements of Nasdaq dictate that a majority of the Board be comprised of independent directors whom our Board has determined have no material relationship with our Company and who are otherwise "independent" directors under those listing requirements. Our current Board consists of the five persons listed above. The Board has determined that Dr. Hsieh, Mr. Gough and Dr. Yu each qualify as an independent director under applicable Nasdaq and SEC rules.

The Nasdaq rules have objective tests and a subjective test for determining who is an "independent director." Under the objective tests, a director cannot be considered independent if:

- the director is, or at any time during the past three years was, an employee of the company;
- the director or a family member of the director accepted any compensation from the company in excess of \$120,000 during any period of 12 consecutive months within the three years preceding the independence determination (subject to certain exclusions, including, among other things, compensation for board or board committee service);
- a family member of the director is, or at any time during the past three years was, an executive officer of the company;
- the director or a family member of the director is a partner in, controlling stockholder of, or an executive officer of an entity to which the company made, or from which the company received, payments in the current or any of the past three fiscal years that exceeded 5% of the recipient's consolidated gross revenue for that year or \$200,000, whichever was greater (subject to certain exclusions);
- the director or a family member of the director is employed as an executive officer of an entity where, at any time during the past three years, any of the executive officers of the company served on the compensation committee of such other entity; or

- the director or a family member of the director is a current partner of the company's outside auditor, or at any time during the past three years was a partner or employee of the company's outside auditor, and who worked on the company's audit.

The subjective test states that an independent director must be a person who lacks a relationship that, in the opinion of the Board, would interfere with the exercise of independent judgment in carrying out the responsibilities of a director. The Board has not established categorical standards or guidelines to make these subjective determinations but considers all relevant facts and circumstances.

In addition to the Board-level standards for director independence, the Nasdaq rules provide that directors, of whom there must be three, who serve on the Audit Committee must each satisfy standards established by the SEC that require that members of audit committees must not be affiliated persons of the issuer and may not accept directly or indirectly any consulting, advisory, or other compensatory fee from the issuer other than their director compensation.

Transactions Considered in Independence Determinations

In making its independence determinations, the Board considered transactions that occurred since the beginning of fiscal year 2022 between the Company and entities associated with the independent directors or members of their immediate family. All identified transactions that appeared to relate to the Company and a family member of, or entity with a known connection to, a director were presented to the Board for consideration.

None of Dr. Hsieh, Mr. Gough or Dr. Yu were disqualified from "independent" status under the objective tests. In making its subjective determination that Dr. Hsieh, Mr. Gough and Dr. Yu are independent, the Board reviewed and discussed additional information provided by the directors and the Company with regard to each director's business and personal activities as they may relate to the Company and the Company's management. The Board considered the transactions in the context of the Nasdaq objective standards, the special standards established by the SEC for members of audit committees, and the SEC standards for compensation committee members. Based on all of the foregoing, as required by the Nasdaq rules, the Board made a subjective determination that, because of the nature of the director's relationship with the entity and/or the amount involved, no relationships exist that, in the opinion of the Board, would impair Dr. Hsieh, Mr. Gough or Dr. Yu's independence. Mr. Simplot controls a majority of the voting power of the Company, so he is not deemed independent.

Item 14. Principal Accountant Fees and Services

Changes in Registrant's Certifying Accountant

On July 10, 2025, KCCW Accountancy Corp. ("KCCW") resigned as independent registered public accounting firm of SemiLEDs Corporation, as it was exiting the public company audit practice. On July 10, 2025, the audit committee of the board of directors of the Company engaged YCM CPA INC. ("YCM") as the Company's new independent registered public accounting firm, as described below.

During our most recent fiscal year and through the date of dismissal, (a) we had no disagreements with KCCW on any matter of accounting principles or practices, financial statement disclosure, or auditing scope of procedure which disagreement if not resolved to the satisfaction of KCCW would have caused it to make reference to the subject matter of the disagreement in connection with its reports, and (b) there were no "reportable events" as defined in Item 304(a)(1)(v) of Regulation S-K.

The Company provided KCCW a copy of the statements made in response to the disclosure required by Item 4.01 of Form 8-K and requested KCCW to furnish it with a letter addressed to the Securities and Exchange Commission ("SEC") stating whether or not KCCW agrees with such statements.

Neither the Company, nor anyone on its behalf, has consulted with YCM regarding (i) the type of final audit opinion that might be rendered on the Company's financial statements and neither a written report nor oral advice was provided to the Company that YCM concluded was an important factor considered by the Company in reaching a decision as to any accounting, auditing, or financial reporting issue, (ii) any matter that was the subject of a disagreement within the meaning of Item 304(a)(1)(iv) of Regulation S-K, or (iii) any reportable event within the meaning of Item 304(a)(1)(v) of Regulation S-K.

Fees Billed by Independent Registered Public Accounting Firm

The following table shows the fees and related expenses for audit and other services provided by YCM CPA Inc. and KCCW Accountancy Corp and its subsidiaries billed for fiscal year 2025 and 2024. The services requiring pre-approval by the audit committee may include audit services, audit related services, tax services and other services. The pre-approval requirement is waived with respect to the provision of non-audit services if (i) the aggregate amount of all such non-audit services provided to us constitutes not more than 5% of the total fees paid by us to our independent auditors during the fiscal year in which such non-audit services were provided, (ii) such services were not recognized at the time of the engagement to be non-audit services, and (iii) such services are promptly brought to the attention of the Audit Committee or by one or more of its members to whom authority to grant such approvals has been delegated by the Audit Committee. During fiscal 2025 and 2024, 100% of the audit related services, tax services and all other services provided by YCM CPA Inc. and KCCW Accountancy Corp. for the periods as our principal independent registered public accountant were pre-approved by the Audit Committee.

	YCM CPA Inc. Fiscal Years Ended August 31, 2025	KCCW Accountancy Corp Fiscal Years Ended August 31, 2025	KCCW Accountancy Corp Fiscal Years Ended August 31, 2024
Audit Fees	\$ 113,000	\$ 48,000	\$ 161,000
Tax Fees	—	7,000	7,000
Total	<u>\$ 113,000</u>	<u>\$ 55,000</u>	<u>\$ 168,000</u>

Audit Fees. This category includes the audit of our annual consolidated financial statements, review of our quarterly condensed consolidated financial statements and services that are normally provided by our independent auditors in connection with statutory and regulatory filings or engagements. This category also includes statutory audits required by the Tax Bureau of Taiwan for certain of our subsidiaries in Taiwan.

Tax Fees. This category includes tax return preparation and technical tax advice.

The Audit Committee concluded that the provision of the non-audit services listed above is compatible with maintaining the independence of YCM CPA Inc. and KCCW Accountancy Corp.

PART IV

Item 15. *Exhibits and Financial Statement Schedules*

(2) Exhibits:

Exhibit No	Exhibit Title	Form	File No.	Exhibit	Filing Date	Filed Herewith
3.1	Amended and Restated Certification of Incorporation of Registrant	S-1/A	333-168624	3.1(c)	November 22, 2010	
3.2	Certificate of Amendment of Amended and Restated Certificate of Incorporation	8-K	001-34992	3.1	April 15, 2016	
3.3	Certificate of Amendment of Amended and Restated Certificate of Incorporation	8-K	001-34992	3.1	July 3, 2018	
3.4	Certificate of Amendment of Amended and Restated Certificate of Incorporation	8-K	001-34992	3.1	October 16, 2024	
3.5	Amended and Restated Bylaws of Registrant	S-1/A	333-168624	3.2(b)	November 22, 2010	
3.6	Amendment No.1 to the Bylaws of Registrant	8-K	001-34992	3.1	October 16, 2024	
4.1	Form of Common Stock Certificate	S-1/A	333-168624	4.1	November 22, 2010	
4.2 (d)	Description of the Registrant's Securities Under Section 12 of the Exchange Act	10-K	001-34992	4.2(d)	November 20, 2019	
10.3†	Amended and Restated Employment Agreement with Trung T. Doan, dated March 15, 2005	S-1	333-168624	10.3	August 6, 2010	
10.4†	SemiLEDs Corporation 2010 Equity Incentive Plan, Stock Unit Grant Agreement (Director Form)	8-K	001-34992	99.1	February 9, 2012	
10.5†	SemiLEDs Corporation 2010 Equity Incentive Plan, Form of Stock Unit Agreement (Officer Form)	8-K	001-34992	99.1	February 24, 2012	
10.6	Form of Proprietary Information and Inventions Agreement	S-1/A	333-168624	10.8	September 14, 2010	
10.7	Form of Non-competition Agreement	S-1/A	333-168624	10.9	September 14, 2010	
10.8†	Form of Option Agreement for the 2010 Equity Incentive Plan	S-1/A	333-168624	10.10	November 16, 2010	
10.9†	Form of Indemnification Agreement with directors and officers	S-1/A	333-168624	10.11	October 26, 2010	
10.10	Loan Agreement dated January 8, 2019 between SemiLEDs Corporation and Trung Doan	10-Q	001-34992	10.1	January 11, 2019	
10.11	Loan Agreement dated January 8, 2019 between SemiLEDs Corporation and J. R. Simplot Company	10-Q	001-34992	10.2	January 11, 2019	
10.12	The First Loan Agreement between Mega International Commercial Bank and SemiLEDs Optoelectronics Co., Ltd. dated July 5, 2019 (translation)	10-K	001-34992	10.12	November 20, 2019	
10.13	The Second Loan Agreement between Mega International Commercial Bank and SemiLEDs Optoelectronics Co., Ltd. dated July 5, 2019 (translation)	10-K	001-34992	10.13	November 20, 2019	
10.14	Amendment to Convertible Unsecured Promissory Note dated May 26, 2021 to Trung Doan	10-K	001-34992	10.14	November 29, 2021	

10.15	Amendment to Convertible Unsecured Promissory Note dated May 26, 2021 to Simplot Taiwan Inc.	10-K	001-34992	10.15	November 29, 2021
10.16	Second Amendment to Convertible Unsecured Promissory Note dated May 26, 2022 between SemiLEDs Corporation and Simplot Taiwan Inc.	8-K	001-34992	1.1	May 26, 2022
10.17	Second Amendment to Convertible Unsecured Promissory Note dated May 26, 2022 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	1.2	May 26, 2022
10.18	Third Amendment to Convertible Unsecured Promissory Note dated June 6, 2023 between SemiLEDs Corporation and Simplot Taiwan Inc.	8-K	001-34992	10.1	June 6, 2023
10.19	Third Amendment to Convertible Unsecured Promissory Note dated June 6, 2023 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	10.2	June 6, 2023
10.20	Second Amendment to Loan Agreement dated January 14, 2022 between SemiLEDs Corporation and J.R. Simplot Company	8-K	001-34992	1.1	January 18, 2022
10.21	Second Amendment to Loan Agreement dated January 14, 2022 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	1.2	January 18, 2022
10.22	Third Amendment to Loan Agreement dated January 13, 2023 between SemiLEDs Corporation and J.R. Simplot Company	8-K	001-34992	1.1	January 18, 2023
10.23	Third Amendment to Loan Agreement dated January 13, 2023 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	1.2	January 18, 2023
10.24	2010 Equity Incentive Plan, as amended March 17, 2023	DEF14 A	001-34992	1.1	April 7, 2023
10.25	Fourth Amendment to Convertible Unsecured Promissory Note dated January 5, 2024 between SemiLEDs Corporation and Simplot Taiwan Inc.	8-K	001-34992	10.1	January 9, 2024
10.26	Fourth Amendment to Convertible Unsecured Promissory Note dated January 5, 2024 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	10.2	January 9, 2024
10.27	Fourth Amendment to Loan Agreement dated January 7, 2024 between SemiLEDs Corporation and Simplot Taiwan Inc.	8-K	001-34992	10.3	January 9, 2024
10.28	Fourth Amendment to Loan Agreement dated January 7, 2024 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	10.4	January 9, 2024
10.29	Assignment of Loan Agreement dated January 7, 2024	8-K	001-34992	10.5	January 9, 2024
10.30	Fifth Amendment to Loan Agreement dated February 9, 2024 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	10.1	February 20, 2024
10.31	Sixth Amendment to Loan Agreement dated July 3, 2024 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	10.1	July 8, 2024

10.32	Fifth Amendment to Loan Agreement dated January 15, 2025 between SemiLEDs Corporation and Simplot Taiwan Inc.	8-K	001-34992	10.1	January 15, 2025	
10.33	Seventh Amendment to Loan Agreement dated January 15, 2025 between SemiLEDs Corporation and Trung Doan	8-K	001-34992	10.2	January 15, 2025	
10.34	Sixth Amendment to Loan Agreement dated February 28, 2025 between SemiLEDs Corporation and Simplot Taiwan Inc.	8-K	001-34992	10.1	February 28, 2025	
10.35	Letter from KCCW Accountancy Corp.	8-K	001-34992	16.1	July 11, 2025	
10.36	Insider Trading Policy	10-K	001-34992	19.1	November 27, 2024	
10.37	Compensation Recovery Policy	10-K	001-34992	97	November 27, 2024	
21	Subsidiaries of the Registrant					X
23.1	Consent of KCCW Accountancy Corp, Independent Registered Public Accounting Firm					X
31.1	Certification of Chief Executive Officer Pursuant to <u>Exchange Act Rule 13a-14(a)/15d-14(a)</u>					X
31.2	Certification of Chief Financial Officer Pursuant to <u>Exchange Act Rule 13a-14(a)/15d-14(a)</u>					X
32.1*	Certification of the Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
32.2*	Certification of the Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
101.INS	Inline XBRL Instance Document					X
101.SCH	Inline XBRL Taxonomy Extension Schema Document					X
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document					X
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document					X
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document					X
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document					X
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)					X

† Management contract or compensatory arrangement

* This certification is deemed not filed for purposes of Section 18 of the Exchange Act, or otherwise subject to the liability of that section, nor shall it be deemed incorporated by reference into any filing under the Securities Act or the Exchange Act.

Item 16. Form 10-K Summary

None.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: November 28, 2025

SemiLEDs Corporation

By: /s/ TRUNG TRI DOAN
Trung Tri Doan
Chairman and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signature	Title	Date
<u>/s/ TRUNG TRI DOAN</u> Trung Tri Doan	Chairman and Chief Executive Officer (Principal Executive Officer)	November 28, 2025
<u>/s/ CHRISTOPHER LEE</u> Christopher Lee	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	November 28, 2025
<u>/s/ SCOTT R. SIMPLOT</u> Scott R. Simplot	Director	November 28, 2025
<u>/s/ DR. EDWARD KUAN HSIUNG HSIEH</u> Dr. Edward Kuan Hsiung Hsieh	Director	November 28, 2025
<u>/s/ GOUGH WALTER MICHAEL</u> Gough Walter Michael	Director	November 28, 2025
<u>/s/ DR. CHRIS CHANG YU</u> Dr. Chris Chang Yu	Director	November 28, 2025

SEMILEDs CORPORATION
SCHEDULE II— VALUATION AND QUALIFYING ACCOUNTS

	Years Ended August 31,	
	2025	2024
	(In thousands)	
Allowance for Doubtful Accounts (Including Related Parties):		
Beginning balance	\$ 173	\$ 173
Charged to bad debt expense	115	—
Write-downs charged against the allowance	(115)	
Effect of exchange rate changes	7	—
Ending balance	<u>\$ 180</u>	<u>\$ 173</u>

	Years Ended August 31,	
	2025	2024
	(In thousands)	
Valuation Allowance for Deferred Tax Assets:		
Beginning balance	\$ 19,448	\$ 23,777
Charged to income tax expense	(3,355)	4,904
Net operating loss carryforward expired	(2,704)	(10,189)
Effect of exchange rate changes	(2,595)	956
Ending balance	<u>\$ 10,794</u>	<u>\$ 19,448</u>

Subsidiaries of the Registrant

The following is a list of subsidiaries of the Registrant at August 31, 2025. All companies are subsidiaries of the Registrant and, if indented, are subsidiaries of the company under which they are listed.

Name	Jurisdiction of Incorporation	Percentage of Our Ownership Interest
Wholly and Majority Owned Subsidiaries:		
Taiwan Bandaoti Zhaoming Co., Ltd.	Taiwan	100.00 %
Helios Crew Corporation	Delaware	100.00 %

Consent of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of SemiLEDs Corporation:

We consent to the incorporation by reference in the registration statements (Nos.333-171107, 333-197417 and 333-251372) on Form S-8 and the registration statement (No. 333-256613) on Form S-3 of SemiLEDs Corporation of our report dated November 26, 2024, with respect to the consolidated balance sheet of SemiLEDs Corporation and its subsidiaries as of August 31, 2024, and the related consolidated statements of operations, comprehensive loss, changes in equity and cash flows, and the related consolidated financial statement schedules for the year ended August 31, 2024, which report appears in the August 31, 2024 annual report on Form 10-K of SemiLEDs Corporation. Our report dated November 26, 2024 contains an explanatory paragraph that states that the Company has suffered recurring losses from operations, has not generated sufficient net cash flows from operating activities and has an accumulated deficit, which raise substantial doubt about its ability to continue as a going concern. The consolidated financial statements and financial statement schedule do not include any adjustments that might result from the outcome of that uncertainty.

/s/ KCCW Accountancy Corp.

Diamond Bar, CA
November 28, 2025

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER
PURSUANT TO EXCHANGE ACT RULE 13a-14(a)/15d-14(a)
AS ADOPTED PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002**

I, Trung Tri Doan, certify that:

1. I have reviewed this Annual Report on Form 10-K of SemiLEDs Corporation (the “Registrant”);
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the Registrant as of, and for, the periods presented in this report;
4. The Registrant’s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the Registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the Registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the Registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the Registrant’s internal control over financial reporting that occurred during the Registrant’s most recent fiscal quarter (the Registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonable likely to materially affect, the Registrant’s internal control over financial reporting; and
5. The Registrant’s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant’s auditors and the audit committee of the Registrant’s board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the Registrant’s ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant’s internal control over financial reporting.

Dated: November 28, 2025

/s/ Trung Tri Doan

Name: Trung Tri Doan

Title: Chairman and Chief Executive Officer

**CERTIFICATION OF CHIEF FINANCIAL OFFICER
PURSUANT TO EXCHANGE ACT RULE 13a-14(a)/15d-14(a)
AS ADOPTED PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002**

I, Christopher Lee, certify that:

1. I have reviewed this Annual Report on Form 10-K of SemiLEDs Corporation (the “Registrant”);
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the Registrant as of, and for, the periods presented in this report;
4. The Registrant’s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the Registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the Registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the Registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the Registrant’s internal control over financial reporting that occurred during the Registrant’s most recent fiscal quarter (the Registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonable likely to materially affect, the Registrant’s internal control over financial reporting; and
5. The Registrant’s other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant’s auditors and the audit committee of the Registrant’s board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the Registrant’s ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant’s internal control over financial reporting.

Dated: November 28, 2025

/s/ Christopher Lee

Name: Christopher Lee

Title: Chief Financial Officer

**CERTIFICATION
PURSUANT TO 18 U.S.C. SECTION 1350
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report of SemiLEDs Corporation (the “Registrant”) on Form 10-K for the year ended August 31, 2025 as filed with the Securities and Exchange Commission as of the date hereof (the “Report”), I, Trung Tri Doan, Chairman and Chief Executive Officer of the Registrant, hereby certify pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002 that:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.

Dated: November 28, 2025

/s/ Trung Tri Doan

Name: Trung Tri Doan

Title: Chairman and Chief Executive Officer

**CERTIFICATION
PURSUANT TO 18 U.S.C. SECTION 1350
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report of SemiLEDs Corporation (the “Registrant”) on Form 10-K for the year ended August 31, 2025, as filed with the Securities and Exchange Commission as of the date hereof (the “Report”), I, Christopher Lee, Chief Financial Officer of the Registrant hereby certify pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002 that:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.

Dated: November 28, 2025

/s/ Christopher Lee

Name: Christopher Lee

Title: Chief Financial Officer

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