

**PROSPECTUS SUPPLEMENT**  
**(To Prospectus dated August 8, 2025)**

**Up to \$50,000,000**

**Common Stock**



**Aeluma, Inc.**

We have entered into a Sales Agreement (the “Sales Agreement”), with Roth Capital Partners, LLC as representative (the “Representative”) and Craig-Hallum Capital Group LLC, Northland Securities, Inc. and The Benchmark Company, LLC (collectively, the “Agents”), dated March 20, 2026, relating to shares of our common stock, par value \$0.0001 per share, offered by this prospectus supplement. In accordance with the terms of the Sales Agreement, under this prospectus supplement, we may offer and sell shares of our common stock having an aggregate offering price of up to \$50,000,000 from time to time through the Agents, acting as our sales agent or principal.

Our common stock is listed on The Nasdaq Capital Market under the symbol “ALMU.” On March 19, 2026, the last reported sale price of our common stock on The Nasdaq Capital Market (“Nasdaq”) was \$14.06 per share.

Sales of our common stock, if any, under this prospectus supplement and the accompanying prospectus will be made by any method permitted that is deemed an “at the market offering” as defined in Rule 415(a)(4) under the Securities Act of 1933, as amended (the “Securities Act”). The Agents will act as sales agents on a best-efforts basis using commercially reasonable efforts consistent with their normal trading and sales practices, on mutually agreed terms between the Representative and us. There is no arrangement for funds to be received in any escrow, trust or similar arrangement.

The Agents will be entitled to compensation at a commission rate equal to up to 3% of the gross proceeds of any shares of common stock sold under the Sales Agreement. In connection with the sale of the common stock on our behalf, each of the Agents will be deemed to be an “underwriter” within the meaning of the Securities Act and the compensation of the Agents will be deemed to be underwriting commissions or discounts. We have also agreed to provide indemnification and contribution to the Agents with respect to certain liabilities, including liabilities under the Securities Act. See “Plan of Distribution” regarding the compensation to be paid to the Agents.

We are an “emerging growth company” and a “smaller reporting company” as defined in the U.S. federal securities laws and, therefore, we will be subject to reduced public company reporting requirements for this prospectus supplement and future filings.

**Investing in our common stock involves a high degree of risk. Before making an investment decision, please read the information under the heading “Risk Factors” starting on page S-3 in this prospectus supplement and in the documents incorporated by reference into this prospectus supplement and the accompanying prospectus.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.**

**Roth Capital Partners**

**Craig-Hallum**

**Northland Securities**

**Benchmark, a StoneX Company**

**The date of this prospectus is March 20, 2026**

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## ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus dated August 8, 2025, are part of a registration statement on Form S-3 (File No. 333-289135) utilizing a shelf registration process that we filed with the Securities and Exchange Commission (“SEC”) and that was declared effective by the SEC on August 8, 2025. Under this shelf registration process, we may, from time to time, offer common stock, preferred stock, debt securities, warrants and units, of which this offering is a part.

This document is in two parts. The first part is this prospectus supplement, which describes the specific terms of this offering of common stock and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. The second part, the accompanying prospectus, including the documents incorporated by reference therein, provides more general information, some of which may not apply to this offering. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. To the extent there is a conflict between the information contained in this prospectus supplement, on the one hand, and the information contained in the accompanying prospectus or in any document incorporated by reference that was filed with the SEC before the date of this prospectus supplement, on the other hand, you should rely on the information in this prospectus supplement. If any statement in one of these documents is inconsistent with a statement in another document having a later date—for example, a document incorporated by reference in the accompanying prospectus—the statement in the document having the later date modifies or supersedes the earlier statement.

We have not, and the placement agent has not, authorized anyone to provide you with any information other than that contained or incorporated by reference in this prospectus supplement, the accompanying prospectus or in any free writing prospectus that we have authorized for use in connection with this offering. We and the placement agent take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. The information contained in this prospectus supplement, the accompanying prospectus, any free writing prospectus that we have authorized for use in connection with this offering, including the documents incorporated by reference herein or therein, is accurate only as of the respective dates thereof, regardless of the time of delivery of this prospectus supplement and the accompanying prospectus or of any sale of our common stock. Our business, financial condition, results of operations and prospects may have changed since those dates. It is important for you to read and consider all information contained in this prospectus supplement, the accompanying prospectus and any free writing prospectus that we have authorized for use in connection with this offering, including the documents incorporated by reference herein and therein, in their entirety before making your investment decision. You should also read and consider the information in the documents to which we have referred you in the sections titled “Where You Can Find More Information” and “Information Incorporated by Reference” in this prospectus supplement and in the accompanying prospectus.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

This prospectus supplement and the accompanying prospectus contain summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been or will be filed as exhibits to the registration statement of which this prospectus supplement is a part or as exhibits to documents incorporated by reference herein, and you may obtain copies of those documents as described below under the headings “Where You Can Find Additional Information” and “Information Incorporated by Reference.”

We and the placement agent are offering to sell, and seeking offers to buy, shares of our common stock only in jurisdictions in which offers and sales are permitted. The distribution of this prospectus supplement and the accompanying prospectus and the offering of the common stock in certain jurisdictions may be restricted by law. Persons outside the United States who come into possession of this prospectus supplement and the accompanying prospectus must inform themselves about, and observe any restrictions relating to, the offering of the common stock and the distribution of this prospectus supplement and the accompanying prospectus outside the United States. This prospectus supplement and the accompanying prospectus do not constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, any securities offered by this prospectus supplement and the accompanying prospectus by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation.

Unless the context otherwise requires, references to “we,” “our,” “us,” “ALMU” or the “Company” in this prospectus mean Aeluma, Inc., a Delaware corporation, on a consolidated basis with its wholly owned subsidiaries, as applicable.

## CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus, the documents incorporated by reference and any free writing prospectus that we have authorized for use in connection with this offering contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) and we intend that such forward-looking statements be subject to the safe harbors created thereby. Forward-looking statements and information that are based on the beliefs of our management as well as assumptions made by and information currently available to us. Such statements should not be unduly relied upon.

Forward-looking statements include statements about management’s expectations, beliefs, plans, objectives, intentions, assumptions and other statements that are not historical facts or that are not present facts or conditions. Forward-looking statements and information can generally be identified by the use of forward-looking terminology or words, such as “anticipate,” “approximately,” “believe,” “continue,” “estimate,” “expect,” “forecast,” “intend,” “may,” “ongoing,” “pending,” “perceive,” “plan,” “potential,” “predict,” “project,” “seeks,” “should,” “views” or similar words or phrases or variations thereon, or the negatives of those words or phrases, or statements that events, conditions or results “can,” “will,” “may,” “must,” “would,” “could” or “should” occur or be achieved and similar expressions in connection with any discussion, expectation or projection of future operating or financial performance, costs, regulations, events or trends. The absence of these words does not necessarily mean that a statement is not forward-looking. Forward-looking statements and information are based on management’s current expectations and assumptions, which are inherently subject to uncertainties, risks and changes in circumstances that are difficult to predict. These statements reflect our current view concerning future events and are subject to risks, uncertainties, and assumptions. There are important factors that could cause actual results to vary materially from those described in this prospectus supplement as anticipated, estimated or expected, as well as general conditions in the economy, capital markets, the SEC regulations, and other risks and uncertainties. Except as required by law, we assume no obligation to update any forward-looking statements if these beliefs, estimates and opinions or other circumstances should change, or to update the actual results that could differ materially from those anticipated in any forward-looking statements, even if new information becomes available in the future. 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 qualify all the forward-looking statements contained in this prospectus supplement and the documents incorporated by reference in this prospectus supplement by the foregoing cautionary statements.**

## PROSPECTUS SUPPLEMENT SUMMARY

*This summary highlights selected information contained elsewhere in or incorporated by reference into this prospectus supplement. It does not contain all of the information you should consider before making an investment decision. Before you decide to invest in our common stock, you should carefully read and consider the more detailed information included or incorporated by reference in this prospectus supplement, the accompanying prospectus and any free writing prospectus that we have authorized for use in connection with this offering, including the risk factors included or incorporated by reference herein and therein. You also should carefully read the other information incorporated by reference into this prospectus supplement and the accompanying prospectus, including our financial statements, other information and the exhibits to the registration statement of which this prospectus supplement and the accompanying prospectus are a part.*

### **Company Overview**

We develop high-performance semiconductors for sensing, communication, and computing applications. Aeluma has pioneered a technique to manufacture devices using compound semiconductor materials on large-diameter substrates that are commonly used to manufacture mass-market microelectronics. This enables cost-effective manufacturing of high-performance photodetectors and photodetector arrays for imaging applications in mobile devices, as well as other applications. Our technology has the potential to impact a broad range of market verticals. Aeluma is based in Goleta, California, considered one of the most important technology hubs in the world that some claim is the next Silicon Valley. We operate in a 9,000 sq. ft. facility with a state-of-the-art research and development/manufacturing cleanroom and access to world-class rapid prototyping capabilities. The facility houses unique equipment for scalable manufacturing. We also partner with production-scale fabrication foundries and packaging companies. We maintain extensive patent protection and trade secrets that relate to our materials, manufacturing technology and applications.

### **Corporate Information**

Aeluma was incorporated in Delaware on August 21, 2020, under the name Parc Investments, Inc.; the name was changed to Aeluma, Inc. in June 2021. Our principal executive offices are located at 27 Castilian Drive, Goleta, California 93117. Our telephone number at our principal executive office is (805)-351-2707. Our corporate website is [www.aeluma.com](http://www.aeluma.com). The information contained in, or accessible through, our website does not constitute a part of this prospectus supplement. We have included our website address in this prospectus supplement solely as an inactive textual reference.

Our common stock has been listed on Nasdaq under the symbol “ALMU” since March 27, 2025.

## THE OFFERING

<b>Common stock offered by us</b>	Shares of our common stock having an aggregate offering price of up to \$50,000,000.
<b>Common stock to be outstanding immediately after this offering</b>	Up to 3,556,187 shares, assuming a sales price of \$14.06 per share, which was the closing price per share of our common stock as reported on Nasdaq on March 19, 2026. The actual number of shares issued will vary depending on the sales price at which shares may be sold from time to time during this offering.
<b>Plan of Distribution</b>	“At the market offering”, as defined in Rule 415(a)(4) under the Securities Act, that may be made from time to time on Nasdaq, the existing trading market for our shares, through the Agents. See the section entitled “Plan of Distribution” in this prospectus supplement.
<b>Use of Proceeds</b>	We currently intend to use the net proceeds of this offering for working capital and general corporate purposes.  See the section entitled “Use of Proceeds” in this prospectus supplement.
<b>Risk Factors</b>	Investing in our common stock involves significant risks. You should read the disclosure under the heading “Risk Factors” in this prospectus supplement and under similar headings in other documents incorporated by reference into this prospectus supplement before deciding to invest in shares of our common stock.
<b>The Nasdaq Capital Market symbol</b>	ALMU

The number of shares of common stock to be outstanding after this offering is based on 18,002,949 shares of common stock outstanding as of March 17, 2026, and excludes:

- 1,878,953 shares of common stock issuable upon the exercise of stock options outstanding;
- 394,408 shares of common stock underlying any outstanding warrants; and
- 1,759,529 shares of common stock reserved and available for future issuance under our 2021 Equity Incentive Plan (the “2021 Plan”).

Unless otherwise indicated, this prospectus supplement reflects and assumes no exercise of the outstanding stock options described above, no exercise of the outstanding warrants described above, no additional issuances under the 2021 Plan, and no exercise by the underwriters of their option to purchase additional shares of our common stock.

## RISK FACTORS

*Investing in our common stock offered pursuant to this prospectus supplement involves a high degree of risk. You should carefully review the risks and uncertainties described below and under the section titled “Risk Factors” in our most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q or Current Reports on Form 8-K we file after the date of this prospectus supplement and the accompanying prospectus, and all other information contained or incorporated by reference into this prospectus supplement and the accompanying prospectus, as updated by our subsequent filings under the Exchange Act, before acquiring any of such securities. The occurrence of any of these risks might cause you to lose all or part of your investment in the offered securities.*

### **Risks Relating to this Offering**

*If you purchase shares of our common stock sold in this offering, you may experience immediate and substantial dilution in the net tangible book value of your shares. In addition, we may issue additional equity or convertible debt securities in the future, which may result in additional dilution to investors.*

The price per share of our common stock being offered may be higher than the net tangible book value per share of our outstanding common stock prior to this offering. Assuming that 3,556,187 shares of our common stock are sold at a price of \$14.06 per share, the last reported sale price of our common stock on Nasdaq on March 19, 2026, for aggregate gross proceeds of approximately \$50 million and after deducting commissions and estimated offering expenses payable by us, new investors in this offering would incur immediate dilution of \$9.93 per share. For a more detailed discussion of the foregoing, see the section entitled “Dilution” below. To the extent outstanding warrants or stock options are exercised, there will be further dilution to new investors. In addition, to the extent we need to raise additional capital in the future and we issue additional shares of common stock or securities convertible or exchangeable for our common stock, our then existing stockholders may experience dilution and the new securities may have rights senior to those of our common stock offered in this offering.

*We have broad discretion in the use of the net proceeds from this offering and may not use them effectively.*

Our management will have broad discretion in the application of the net proceeds from this offering, including for any of the purposes described in the section entitled “Use of Proceeds,” and you will not have the opportunity as part of your investment decision to assess whether the net proceeds are being used appropriately. Because of the number and variability of factors that will determine our use of the net proceeds from this offering, their ultimate use may vary substantially from their currently intended use. Our management might not apply our net proceeds in ways that ultimately increase the value of your investment. We intend to use the net proceeds of this offering for working capital and general corporate purposes. The failure by our management to apply these funds effectively could harm our business. Pending their use, we may invest the net proceeds from this offering in short-term, investment-grade, interest-bearing securities. These investments may not yield a favorable return to our stockholders. If we do not invest or apply the net proceeds from this offering in ways that enhance stockholder value, we may fail to achieve expected financial results, which could cause our stock price to decline.

*Future sales or issuances of our common stock in the public markets, or the perception of such sales, could depress the trading price of our common stock.*

The sale of a substantial number of shares of our common stock or other equity-related securities in the public markets, or the perception that such sales could occur, could depress the market price of our common stock and impair our ability to raise capital through the sale of additional equity securities. We may sell large quantities of our common stock at any time pursuant to this prospectus supplement or in one or more separate offerings. We cannot predict the effect that future sales of common stock or other equity-related securities would have on the market price of our common stock.

*The actual number of shares we will issue under the Sales Agreement, at any one time or in total, is uncertain.*

Subject to certain limitations in the Sales Agreement and compliance with applicable law, we have the discretion to deliver instructions to the Agents to sell shares of our common stock at any time throughout the term of the Sales Agreement. The number of shares that are sold through the Agents after our instruction will fluctuate based on a number of factors, including the limits we set with the Agents in any instruction to sell shares and the demand for our common stock during the sales period. Because the price per share of each share sold will fluctuate during this offering, it is not currently possible to predict the gross proceeds to be raised in connection with those sales.

*The common stock offered hereby will be sold in “at the market offerings”, and investors who buy shares at different times will likely pay different prices.*

Investors who purchase shares in this offering at different times will likely pay different prices, and so may experience different levels of dilution and different outcomes in their investment results. We will have discretion, subject to market demand, to vary the timing, price, and number of shares sold in this offering. In addition, subject to the final determination by our board of directors, there is no minimum or maximum sales price for shares to be sold in this offering. Investors may experience a decline in the value of the shares they purchase in this offering as a result of sales made at prices lower than the prices they paid.

#### USE OF PROCEEDS

We may issue and sell shares of our common stock having an aggregate offering price of up to \$50,000,000 under this prospectus supplement. The amount of proceeds from this offering will depend upon the number of shares of our common stock sold and the market price at which they are sold. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. There can be no assurance that we will sell any shares under or fully utilize the Sales Agreement as a source of financing

We currently intend to use the net proceeds of this offering, together with our existing cash and cash equivalents, for working capital and general corporate purposes. The amounts and timing of our use of proceeds will vary depending on a number of factors, including our present plans and business conditions. We cannot specify with certainty all of the particular uses for the net proceeds to be received in this offering. Pending their use as described above, we may initially invest the net proceeds from this offering in short- and intermediate-term, interest-bearing obligations, investment-grade instruments, certificates of deposit or direct or guaranteed obligations of the U.S. government.

## DILUTION

If you invest in our common stock in this offering, your ownership interest will be immediately diluted to the extent of the difference between the price per share you pay in this offering and the as adjusted net tangible book value per share of our common stock immediately after this offering.

Our historical net tangible book value as of December 31, 2025, was approximately \$40.8 million, or approximately \$2.27 per share of common stock based upon 18,002,949 shares of common stock outstanding as of such date. Net tangible book value per share is equal to our total tangible assets, less our total liabilities, divided by the total number of shares outstanding as of December 31, 2025.

After giving effect to our issuance and sale of 3,556,187 shares of our common stock in this offering at the public offering price of \$14.06 per share, the last reported sale price of our common stock on Nasdaq on March 19, 2026, and after deducting commissions and estimated aggregate offering expenses payable by us, our as adjusted net tangible book value as of December 31, 2025 would have been approximately \$89.1 million, or \$4.13 per share of common stock. This represents an immediate increase in as adjusted net tangible book value of \$1.86 per share to our existing stockholders and an immediate dilution in as adjusted net tangible book value of \$9.93 per share to new investors purchasing shares of common stock in this offering. The following table illustrates this calculation on a per share basis:

Assumed public offering price per share		\$	14.06
Historical net tangible book value per share as of December 31, 2025	\$	2.27	
Increase in net tangible book value per share attributable to the offering	\$	<u>1.86</u>	
As adjusted net tangible book value per share as of December 31, 2025, after giving effect to this offering	\$	<u>4.13</u>	
Dilution per share to new investors purchasing shares in this offering	\$	<u>9.93</u>	

The shares of common stock sold in this offering, if any, will be sold from time to time at various prices. An increase of \$1.00 per share in the price at which the shares are sold from the assumed offering price of \$14.06 per share shown in the table above, assuming all of our common stock in the aggregate amount of \$50.0 million is sold at that price, would cause our as adjusted net tangible book value per share after the offering to be \$4.18 per share and would increase the dilution in net tangible book value per share to new investors to \$10.88 per share, after deducting commissions and estimated aggregate offering expenses payable by us. A decrease of \$1.00 per share in the price at which the shares of common stock are sold from the assumed offering price of \$14.06 per share shown in the table above, assuming all of our common stock in the aggregate amount of \$50.0 million is sold at that price, would cause our as adjusted net tangible book value per share after the offering to be \$4.08 per share and would decrease the dilution in net tangible book value per share to new investors to \$8.98 per share, after deducting commissions and estimated aggregate offering expenses payable by us.

The number of shares of common stock to be outstanding immediately after this offering is based on 18,002,949 shares of common stock outstanding as of December 31, 2025, and excludes:

- 1,735,069 shares of common stock issuable upon the exercise of stock options outstanding;
- 402,408 shares of common stock underlying any outstanding warrants; and
- 1,208,362 shares of common stock reserved and available for future issuance under our 2021 Plan.

Unless otherwise indicated, this prospectus supplement reflects and assumes no exercise of the outstanding stock options described above, no exercise of the outstanding warrants described above, no additional issuances under the 2021 Plan, and no exercise by the underwriters of their option to purchase additional shares of our common stock.

## PLAN OF DISTRIBUTION

We have entered into a sales agreement with Roth Capital Partners, LLC, as representative of the agents (the “Designated Agent”) under which we may offer and sell up to \$50,000,000 of our shares of common stock from time to time through the Designated Agent. Sales of our shares of common stock, if any, under this prospectus supplement and the accompanying prospectus will be made by any method that is deemed to be an “at the market offering” as defined in Rule 415(a)(4) under the Securities Act.

Each time we wish to issue and sell shares of common stock under the Sales Agreement, we will notify the Designated Agent of the number of shares to be issued, the dates on which such sales are anticipated to be made, any limitation on the number of shares to be sold in any one day and any minimum price below which sales may not be made. Once we have so instructed the Designated Agent, unless the Designated Agent declines to accept the terms of such notice, the Designated Agent has agreed to use its commercially reasonable efforts consistent with its normal trading and sales practices to sell such shares up to the amount specified on such terms. The obligations of the Designated Agent under the Sales Agreement to sell our shares of common stock are subject to a number of conditions that we must meet.

The settlement of sales of shares between us and the Designated Agent is generally anticipated to occur on the second trading day following the date on which the sale was made. Sales of our shares of common stock as contemplated in this prospectus supplement will be settled through the facilities of VStock Transfer, LLC, our transfer agent, or by such other means as we and the Designated Agent may agree upon. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

We will pay the Designated Agent a commission equal to 3% of the aggregate gross proceeds we receive from each sale of our shares of common stock. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. In addition, we have agreed to reimburse the Designated Agent for the fees and disbursements of its counsel (i) initially, in an amount not to exceed \$75,000 in connection with the establishment of the at-the-market offering, and (ii) thereafter, in an amount not to exceed \$5,000 for due diligence on a quarterly basis. We estimate that the total expenses for the offering, excluding any commissions or expense reimbursement payable to the Agent under the terms of the Sales Agreement, will be approximately \$0.2 million. The remaining sale proceeds, after deducting any other transaction fees, will equal our net proceeds from the sale of such shares.

We will report at least quarterly (i) the number of shares of common stock sold through the Designated Agent under the Sales Agreement and (ii) the net proceeds to us.

The Designated Agent will provide written confirmation to us before the open on the Nasdaq Capital Market on the day following each day on which shares of common stock are sold under the Sales Agreement. Each confirmation will include the number of shares sold on that day, the corresponding sales price and the issuance price payable to us.

In connection with the sale of the shares of common stock on our behalf, the Designated Agent may be deemed to be an “underwriter” within the meaning of the Securities Act, and the compensation of the Agent may be deemed to be underwriting commissions or discounts. We have agreed to indemnify the Designated Agent against certain civil liabilities, including liabilities under the Securities Act. We have also agreed to contribute to payments the Designated Agent may be required to make in respect of such liabilities.

The offering of our common stock pursuant to the Sales Agreement will terminate upon the termination of the sales agreement as permitted therein. We and the Designated Agent may each terminate the Sales Agreement at any time with the termination going into effect at 4:05 P.M., New York City Time, on the date of notice, or by the Designated Agent at any time in certain circumstances, including the occurrence of a material and adverse change in our business or financial condition that makes it impractical or inadvisable to market our common stock or to enforce contracts for the sale of our common stock.

The Agent and its affiliates may in the future provide various investment banking, commercial banking, financial advisory and other financial services for us and our affiliates, for which services they may in the future receive customary fees. In the course of its business, the Designated Agent may actively trade our securities for their own account or for the accounts of customers, and, accordingly, the Designated Agent may at any time hold long or short positions in such securities.

To the extent required by Regulation M, the Agents will not engage in any market making activities involving our common stock while the offering is ongoing under this prospectus supplement.

A prospectus supplement and the accompanying prospectus in electronic format may be made available on a website maintained by the Agents, and the Agents may distribute the prospectus supplement and the accompanying prospectus electronically.

Our securities are listed on Nasdaq under the symbol “ALMU”.

The transfer agent and registrar for our shares of common stock in the United States is VStock Transfer, LLC.

## **LEGAL MATTERS**

Faegre Drinker Biddle and Reath LLP will pass upon certain legal matters relating to the issuance and sale of the common stock offered hereby on behalf of Aeluma, Inc. The Agents are being represented by Pryor Cashman LLP in connection with the offering.

## **EXPERTS**

Rose, Snyder & Jacobs LLP (“RSJ”), an independent registered public accounting firm, audited our financial statements for the years ended June 30, 2025 and 2024 included in our Annual Report on Form 10-K for the year ended June 30, 2025, as set forth in their report included therein. Our financial statements are incorporated by reference in reliance on RSJ’s report, given on their authority as experts in accounting and auditing.

## WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. The SEC maintains a website at [www.sec.gov](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. This prospectus supplement and the accompanying prospectus are only part of a registration statement on Form S-3 that we have filed with the SEC under the Securities Act. This prospectus supplement, which constitutes a part of the registration statement, does not contain all of the information contained in the registration statement and the exhibits and schedules to the registration statement. Many of the contracts and documents described in this prospectus supplement are filed as exhibits to the registration statements and you may review the full text of these contracts and documents by referring to these exhibits. You may access the registration statement of which this prospectus supplement and the accompanying prospectus forms a part by visiting [www.sec.gov](http://www.sec.gov).

In addition, we make available copies of these reports on or through our Internet site at [www.aeluma.com](http://www.aeluma.com) as soon as reasonably practicable after we electronically file or furnished them to the SEC. The information on our website, however, is not, and should not be deemed to be, a part of this prospectus supplement or the accompanying prospectus.

## INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to “incorporate by reference” information into this prospectus supplement, which means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus supplement, and subsequent information that we file later with the SEC will automatically update and supersede this information. Any reports filed by us with the SEC after the date of this prospectus supplement and before the date that the offering of the securities by means of this prospectus supplement is terminated will automatically update and, where applicable, supersede any information contained in this prospectus supplement or incorporated by reference in this prospectus supplement. The documents we are incorporating by reference are:

- our Annual Report on [Form 10-K](#) for the year ended June 30, 2025, filed with the SEC on September 9, 2025;
- our Quarterly Reports on Form 10-Q for the quarters ended September 30, 2025 and December 31, 2025, filed with the SEC on [November 12, 2025](#) and [February 11, 2026](#), respectively;
- our Current Reports on Form 8-K filed with the SEC on [August 8, 2025](#), [September 19, 2025](#), [October 20, 2025](#) and [January 20, 2026](#); and
- the description of our common stock contained in our Registration Statement on [Form 8A](#) filed with the SEC on March 26, 2025, pursuant to Section 12(b) of the Exchange Act.

We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and corresponding exhibits filed on such form that are related to such items under Item 9.01 unless such Form 8-K expressly provides to the contrary) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, including those made after the date of the initial filing of the registration statement of which this prospectus is a part and prior to effectiveness of such registration statement, until we file a post-effective amendment that indicates the termination of the offering of the securities made by this prospectus and will become a part of this prospectus from the date that such documents are filed with the SEC. Information in such future filings updates and supplements the information provided in this prospectus. Any statements in any such future filings will automatically be deemed to modify and supersede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements.

You may request, orally or in writing, a copy of any or all of the documents incorporated herein by reference. These documents will be provided to you at no cost, by contacting:

Aeluma, Inc.  
27 Castilian Drive  
Goleta, California  
Tel: (805) 351-2707

Attn: Jonathan Klamkin, Chief Executive Officer

You may also access these documents on our website at [www.aeluma.com/investors](http://www.aeluma.com/investors). Information contained on our website is not incorporated by reference into this prospectus, and you should not consider any information on, or that can be accessed from, our website as part of this base prospectus or any accompanying prospectus supplement.

**PROSPECTUS**  
**\$100,000,000**  
**Aeluma, Inc.**  
**Common Stock**  
**Preferred Stock**  
**Warrants**  
**Subscription Rights**  
**Debt Securities**  
**Units**

We may from time to time, in one or more offerings at prices and on terms that we will determine at the time of each offering, sell common stock, preferred stock, warrants, or a combination of these securities, or units, for an aggregate offering price of up to \$100,000,000. This prospectus describes the general manner in which our securities may be offered using this prospectus. Each time we offer and sell securities, we will provide you with a prospectus supplement that will contain specific information about the terms of that offering. Any prospectus supplement may also add, update, or change information contained in this prospectus. You should carefully read this prospectus and the applicable prospectus supplement as well as the documents incorporated or deemed to be incorporated by reference in this prospectus before you purchase any of the securities offered hereby.

This prospectus may not be used to offer and sell securities unless accompanied by a prospectus supplement.

Our common stock, par value \$0.0001 per share, is currently listed on the Nasdaq Capital Market under the symbol "ALMU". As of the date of this prospectus, none of the other securities that we may offer by this prospectus is listed on any national securities exchange or automated quotation system.

As of August 5, 2025, the aggregate market value of the voting and non-voting common equity held by non-affiliates was \$294,760,073, based on the closing price of \$21.34 on August 4, 2025. We have not offered any securities pursuant to General Instruction I.B.6 of Form S-3 during the 12 calendar months prior to and including the date of this prospectus.

Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell our common stock in a public primary offering with a value exceeding more than one-third of our public float in any 12-month period so long as our public float remains below \$75,000,000. We have not offered any securities pursuant to General Instruction I.B.6 of Form S-3 during the 12 calendar months prior to and including the date of this prospectus.

**The securities offered by this prospectus involve a high degree of risk. See "Risk Factors" beginning on page 6, in addition to Risk Factors contained in the applicable prospectus supplement.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

We may offer the securities directly or through agents or to or through underwriters or dealers. If any agents or underwriters are involved in the sale of the securities their names, and any applicable purchase price, fee, commission, or discount arrangement between or among them, will be set forth, or will be calculable from the information set forth, in an accompanying prospectus supplement. We can sell the securities through agents, underwriters, or dealers only with delivery of a prospectus supplement describing the method and terms of the offering of such securities. See "Plan of Distribution."

This prospectus is dated August 6, 2025

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Explanatory Note

We are filing this Pre-Effective Amendment No. 1 to the Registration Statement on Form S-3 originally filed with the U.S. Securities and Exchange Commission (the "SEC") on July 31, 2025, to correct typographical errors included therein.

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You should rely only on the information contained or incorporated by reference in this prospectus or any prospectus supplement. We have not authorized anyone to provide you with information different from that contained or incorporated by reference into this prospectus. If any person does provide you with information that differs from what is contained or incorporated by reference in this prospectus, you should not rely on it. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained in this prospectus. You should assume that the information contained in this prospectus or any prospectus supplement is accurate only as of the date on the front of the document and that any information contained in any document we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any prospectus supplement or any sale of a security. These documents are not an offer to sell or a solicitation of an offer to buy these securities by anyone in any jurisdiction in which such offer or solicitation is not authorized, or in which the person is not qualified to do so or to any person to whom it is unlawful to make such offer or solicitation.

## ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, using a “shelf” registration process. Under this shelf registration process, we may sell any combination of the securities described in this prospectus in one of more offerings up to a total dollar amount of proceeds of \$100,000,000. This prospectus describes the general manner in which our securities may be offered by this prospectus. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update, or change information contained in this prospectus or in documents incorporated by reference in this prospectus. The prospectus supplement that contains specific information about the terms of the securities being offered may also include a discussion of certain U.S. Federal income tax consequences and any risk factors or other special considerations applicable to those securities. To the extent that any statement that we make in a prospectus supplement is inconsistent with statements made in this prospectus or in documents incorporated by reference in this prospectus, you should rely on the information in the prospectus supplement. You should carefully read both this prospectus and any prospectus supplement together with the additional information described under “Where You Can Find More Information” before buying any securities in this offering.

This prospectus incorporates by reference, and any prospectus supplement or free writing prospectus may contain and incorporate by reference, certain market and industry data and obtained from independent market research, industry publications and surveys, governmental agencies and publicly available information. Industry surveys, publications and forecasts generally state that the information contained therein has been obtained from sources believed to be reliable, although they do not guarantee the accuracy or completeness of such information. We believe the data from such third-party sources to be reliable. However, we have not independently verified any of such data and cannot guarantee its accuracy or completeness. Similarly, internal market research and industry forecasts, which we believe to be reliable based upon our management’s knowledge of the market and the industry, have not been verified by any independent sources. While we are not aware of any misstatements regarding the market or industry data presented herein, our estimates involve risks and uncertainties and are subject to change based on various factors.

Unless the context otherwise requires, references to “we,” “our,” “us,” “ALMU” or the “Company” in this prospectus mean AELUMA, INC., a Delaware corporation, on a consolidated basis with its wholly owned subsidiaries, as applicable.

### CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents and information incorporated by reference in this prospectus include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. These statements are based on our management’s beliefs and assumptions and on information currently available to our management. Such forward-looking statements include those that express plans, anticipation, intent, contingency, goals, targets, or future development and/or otherwise are not statements of historical fact.

All statements in this prospectus and the documents and information incorporated by reference in this prospectus that are not historical facts are forward-looking statements. We may, in some cases, use terms such as “anticipates,” “believes,” “could,” “estimates,” “expects,” “intends,” “may,” “plans,” “potential,” “predicts,” “projects,” “should,” “will,” “would” or similar expressions or the negative of such items that convey uncertainty of future events or outcomes to identify forward-looking statements. “Common Stock” is the Common Stock of Aeluma, Inc., par value US\$0.0001 per share.

Forward-looking statements are made based on management’s beliefs, estimates and opinions on the date the statements are made, and we undertake no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change, except as may be required by applicable law. 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.

## ABOUT AELUMA

### Company Overview

Aeluma develops novel optoelectronic and electronic devices for sensing, communication, and computing applications. Aeluma has pioneered a technique to produce semiconductor materials and chips using high-performance compound semiconductors on large diameter substrates that are commonly used to manufacture mass market microelectronics. This enables cost effective manufacturing of high-performance photodetectors and photodetector arrays for imaging applications in mobile devices, as well as other applications. Aeluma's technology has the potential to impact a broad range of market verticals. Aeluma is based in Goleta, California, considered one of the most important technology hubs in the world that some claim is the next Silicon Valley. The Company operates in a 9,000 sq. ft. facility with a state-of-the-art R&D/manufacturing cleanroom and access to world-class rapid prototyping capabilities. The facility houses unique equipment for scalable manufacturing. Aeluma also partners with production-scale fabrication foundries and packaging companies. Aeluma maintains extensive patent protection and trade secrets that relate to its materials, manufacturing technology and applications.

### Our Mission

Aeluma is a transformative semiconductor company specializing in high-performance technology that scales. Applications include mobile, automotive, AI, defense & aerospace, communication, AR/VR, HPC, and quantum computing. Aeluma aims to break out of traditional manufacturing to expand the reach of its technology into mass markets. According to MarketsandMarkets<sup>TM</sup>, the demand for higher performance semiconductors in consumer markets is increasing. Aeluma's disruptive technology is scalable, cost effective, and does not sacrifice performance.

### Corporate Structure

We were incorporated as Parc Investments, Inc. in the State of Delaware on August 21, 2020. Prior to the Merger (as defined below), we were a "shell company" (as defined in Rule 12b-2 under the Securities Exchange Act of 1934, as amended (the "Exchange Act")).

On June 22, 2021, our board of directors and all of our pre-Merger stockholders approved a restated certificate of incorporation, which was effective upon its filing with the Secretary of State of the State of Delaware on June 22, 2021, and through which we changed our name to "Aeluma, Inc." On June 22, 2021, our board of directors also adopted restated bylaws.

On June 22, 2021, Biond Photonics, Inc., a privately held California corporation ("Biond Photonics") merged with and into our wholly owned subsidiary, Aeluma Operating Co., a corporation formed in the State of Delaware on June 22, 2021 ("Acquisition Sub"). Pursuant to this transaction (the "Merger"), Acquisition Sub was the surviving corporation and remained our wholly owned subsidiary, and all of the outstanding stock of Biond Photonics was converted into shares of our common stock.

As a result of the Merger, we acquired the business of Biond Photonics and will continue the existing business operations of Biond Photonics as a public reporting company under the name Aeluma, Inc.

In accordance with "reverse merger" or "reverse acquisition" accounting treatment, our historical financial statements as of period ends, and for periods ended, prior to the Merger will be replaced with the historical financial statements of Biond Photonics prior to the Merger, in all future filings with the U.S. Securities and Exchange Commission (the "SEC").

### Stock Symbol

As of August 5, 2025, our common stock trades on the Nasdaq Capital Market, under the symbol "ALMU."

### ***Merger and Name Change***

On June 22, 2021, Parc Investments, Inc., Acquisition Sub and Biond Photonics, Inc. entered into an Agreement and Plan of Merger and Reorganization (the “Merger Agreement”). Pursuant to the terms of the Merger Agreement, on June 22, 2021, Biond Photonics merged with and into Acquisition Sub, with Acquisition Sub continuing as the surviving corporation and our wholly owned subsidiary.

As a result of the Merger, we acquired the business of Biond Photonics, a California corporation, doing business as Aeluma. See “*Description of Business*” below. At the time the certificates of merger reflecting the Merger were filed with the Secretaries of State of California and Delaware, each of Biond Photonics’ shares of capital stock issued and outstanding immediately prior to the closing of the Merger was converted into the right to receive (a) 1.299135853 shares of our common stock (the “Common Share Conversion Ratio”), with the maximum number of shares of our common stock issuable to the former holders of Biond Photonics’ capital stock equal to 4,100,002 after adjustments due to rounding for fractional shares. Immediately prior to the effectiveness of the Merger, an aggregate of 2,500,000 shares of our common stock owned by our stockholders prior to the Merger were forfeited and cancelled (the “Stock Forfeiture”).

On June 22, 2021, our board of directors and all of our pre-Merger stockholders approved a restated certificate of incorporation, which was effective upon its filing with the Secretary of State of the State of Delaware on June 22, 2021, and through which we changed our name to “Aeluma, Inc.” On June 22, 2021, our board of directors also adopted restated bylaws.

The Merger Agreement contained customary representations and warranties and pre- and post-closing covenants of each party and customary closing conditions.

As a condition to the Merger, we entered into an indemnity agreement with our former officer and directors (the “Pre-Merger Indemnity Agreement”), pursuant to which we agreed to indemnify such former officer and directors for actions taken by them in their official capacities relating to the consideration, approval and consummation of the Merger and certain related transactions.

The Merger was treated as a recapitalization and reverse acquisition for us for financial reporting purposes. Biond Photonics is considered the acquirer for accounting purposes, and our historical financial statements before the Merger will be replaced with the historical financial statements of Biond Photonics before the Merger in future filings with the SEC. The Merger is intended to be treated as a tax-free reorganization under Section 368(a) of the Internal Revenue Code of 1986, as amended.

### ***Recent Financings and Stock Listing***

On March 26, 2025, we entered into an Underwriting Agreement (the “Underwriting Agreement”) with Craig-Hallum Capital Group LLC relating to the public offering (the “Offering”) of 2,285,714 shares of common stock of the Company, at a public offering price of \$5.25 per share. In addition, we granted the underwriter an option to purchase up to an additional 342,857 shares of our common stock at the public offering price per share, less the underwriting discounts to cover over-allotments, if any, which option was exercised in its entirety on March 27, 2025. The Offering closed on March 28, 2025.

The Shares were offered under our registration statement on Form S-1, as amended (File No. 333-285469), which was declared effective by the U.S. Securities and Exchange Commission (the “SEC”) on March 25, 2025, and a registration statement on Form S-1 filed pursuant to Rule 462(b) of the Securities Act of 1933 (the “Securities Act”) which was filed with the SEC and became effective upon filing on March 26, 2025.

The aggregate gross proceeds of the Offering were approximately \$13.8 million, prior to deducting underwriting discounts and other offering expenses, but including exercise in full of the over-allotment option. The net proceeds from the offering were approximately \$12.7 million, after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, but including exercise in full of the over-allotment option. We intend to use the net proceeds from the Offering for expanding business development efforts, advancing manufacturing processes to support commercialization traction, and working capital and general business purposes.

Pursuant to the Underwriting Agreement, we agreed to an underwriting discount of 7.0% per share, to issue warrants to the Underwriter (the “Warrant”) to purchase up to 5.0% of the shares sold in the Offering (including any shares sold in the Offering to cover over-allotments) at an exercise price equal to 115% of the public offering price, and also to pay the expenses of the underwriter in connection with the Offering, including filing fees and underwriter’s counsel legal fees, up to an aggregate of \$125,000.

Our officers and directors have agreed, subject to certain exceptions, for a period of 90 days after the closing of this Offering, not to offer, pledge, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, lend, or otherwise transfer or dispose of, directly or indirectly, any shares of common stock of the Company or any securities convertible into or exercisable or exchangeable for shares of common stock of the Company either owned as of the date of the Underwriting Agreement or thereafter acquired without the prior written consent of the underwriter.

We, and any successor, have agreed, subject to certain exceptions, not to for a period of 90 days after the closing of the offering, (i) offer, pledge, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, lend, or otherwise transfer or dispose of, directly or indirectly, or submit to, or file with, the SEC a registration statement under the Securities Act relating to, any shares of stock or any securities convertible into or exercisable or exchangeable for Stock, or publicly disclose the intention to undertake any of the foregoing, or (ii) enter into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the stock or any such other securities, whether any such transaction described in clause (i) or (ii) above is to be settled by delivery of stock or such other securities, in cash or otherwise, without the prior written consent of the underwriter, which shall not be unreasonably withheld. The underwriter may, in its sole discretion and at any time or from time to time before the termination of the lock-up period, without notice, release all or any portion of the securities subject to lock-up agreements.

The foregoing descriptions of the Underwriting Agreement, Warrant and the form of lock-up agreement do not purport to be complete and are qualified in their entirety by reference to the full text of the Underwriting Agreement and Warrant.

### **Our Strategy**

We will continue to develop our technology that includes novel materials and devices based on our core intellectual property. Our primary focus is to manufacture high-performance semiconductor technologies that scale for mass markets. Our technology has the potential to impact across mobile, automotive, AI, defense & aerospace, communication, AR/VR, HPC, and quantum computing applications. Aeluma operates an R&D/manufacturing facility at its headquarters in Goleta, California, and has developed relationships with volume fabrication foundries and packaging partners. We will continue to mature our manufacturing processes to further our commercialization traction. We have generated revenue through various customer and government contracts, including small-volume orders, engineering sample evaluations, non-recurring engineering (NRE) development efforts, and R&D projects. We will continue to perform on these various efforts, expand our business development and marketing efforts, further engage with our manufacturing partners, and continue our efforts toward volume production and commercialization.

## Summary Risk Factors and Challenges

We face substantial competition from a great many established and emerging technology companies that develop, distribute, or sell products similar to ours. Our current and potential competitors include large technology companies. Many of our current and potential competitors have substantially greater financial, technical, and human resources than we do and significantly more experience in the marketing, commercialization, discovery, development and regulatory approvals of products, which could place us at a significant competitive disadvantage or deny our marketing exclusivity rights. Typically, our competitors will most likely have more capital resources to support their products than we do. In addition, you should carefully consider the risks described here and under the “Risk Factors” section before investing in us.

The below is a summary of principal risks to our business and risks associated with this offering. It is only a summary. You should read the more detailed discussion of risks set forth below and elsewhere in this prospectus for a more complete discussion of the risks listed below and other risks.

- Risk associated with our business and profitability including, but not limited to:
  - Although we have generated some revenue, we are unprofitable and will continue to be unprofitable in the foreseeable future;
  - Our business, operations, plans, and timelines could be adversely affected by the effects of health epidemics;
  - While testing of our samples by both Aeluma and third parties have been successful to date, qualified products have not yet been demonstrated on a commercial scale; and
  - We may require additional financing to fully execute our business plan and to fund operations, which additional financing may not be available on reasonable terms or at all.
- Risk associated with the development of our products, including but not limited to:
  - Biond Photonics, now Aeluma, was formed in 2019 and therefore, we are subject to the risks involved with any speculative early-stage enterprise. There is no assurance that we will successfully offer, market, and distribute our products or service;
  - Our customers may require our products to undergo a lengthy and expensive qualification process without any assurance of product sales;
  - We will rely on limited sources of wafer fabrication, packaged products fabrication and product testing, the loss of which could delay and limit our product shipments;
  - Because we will depend on third-party manufacturers to build portions of our products, we will be susceptible to manufacturing delays and pricing fluctuations that could prevent us from shipping customer orders on time, if at all, or on a cost-effective basis, which may result in the loss of sales, income and customers; and
  - Rapid innovation and short product life cycles in the semiconductor industry can result in price erosion of older products, which may materially adversely affect our business and results of operations.

- Risks associated with intellectual property including but not limited to:
  - We may not be successful in obtaining or maintaining patent or other related rights necessary to the development of our products;
  - The intellectual property rights underlying exclusive licensing rights may expire or be terminated due to lack of maintenance; and
  - We may be subject to intellectual property rights claims by third parties, which are extremely costly to defend, could require us to pay significant damages, and could limit our ability to use certain technologies.
- Risks associated with competition and manufacturing including, but not limited to:
  - We face competition from entities that have developed or are developing products similar to ours; and
  - The semiconductor industry is highly competitive, and our inability to compete effectively could materially adversely affect our business and results of operations.
- Risks associated with government regulations including without limitation:
  - If we do not obtain the necessary governmental approvals, the import and export of our products outside the U.S. may be negatively impacted; and
  - Special authorizations, permits, licenses may be required for our operations, which if delayed or denied could materially adversely affect our results of operations and financial condition.
- Risk associated with our Common Stock including without limitation:
  - The market prices and trading volumes of the Common Stock may be volatile and may be affected by economic conditions beyond our control; and
  - Shares of our Common Stock are sporadically and thinly traded.

These and other risks described in this prospectus could materially and adversely impact our business, financial condition, operating results, and cash flow, which could cause the trading price of our Common Stock to decline and could result in a loss of your investment. In addition, you should carefully consider the risks described under “Risk Factors” beginning on page 6.

#### **Corporate Information**

Our principal executive office is located at 27 Castilian Dr., Goleta, CA 93117. Our telephone number at our principal executive office is (805)-351-2707. Our corporate website is [www.aeluma.com](http://www.aeluma.com). The information on our corporate website is not part of, and is not incorporated by reference into, this prospectus.

## **RISK FACTORS**

Investing in our securities involves a high degree of risk. Before making an investment decision, you should consider carefully the risks, uncertainties and other factors described in our most recent Annual Report on Form 10-K, as supplemented and updated by subsequent quarterly reports on Form 10-Q and current reports on Form 8-K that we have filed or will file with the SEC, which are incorporated by reference into this prospectus.

Our business, affairs, prospects, assets, financial condition, results of operations and cash flows could be materially and adversely affected by these risks. For more information about our SEC filings, please see “Where You Can Find More Information.”

## USE OF PROCEEDS

Unless otherwise indicated in a prospectus supplement, we intend to use the net proceeds from the sale of the securities under this prospectus for general corporate purposes, including for general working capital purposes, which may include the repayment of outstanding debt. We may also use a portion of our net proceeds to acquire or invest in complementary products, technologies or businesses, although we have no present commitments to complete any such transaction. The amounts and timing of our expenditures will depend on numerous factors, including the expenses we incur in sales and marketing, the scope of research and development efforts and the timing of regulatory submissions and approvals (if required). Accordingly, our management will have broad discretion over the use of the net proceeds from the sale of any securities offered by us.

## DILUTION

If required, we will set forth in a prospectus supplement the following information regarding any material dilution of the equity interests of investors purchasing securities in an offering under this prospectus:

- the net tangible book value per share of our equity securities before and after the offering;
- the amount of the increase in such net tangible book value per share attributable to the cash payments made by purchasers in the offering; and
- the amount of the immediate dilution from the public offering price which will be absorbed by such purchasers.

## DESCRIPTION OF SECURITIES TO BE REGISTERED

We may issue from time to time, in one or more offerings the following securities:

- shares of common stock;
- shares of preferred stock;
- debt securities;
- warrants exercisable for debt securities, common stock, or preferred stock;
- rights to purchase any of such securities; and
- units of debt securities, common stock, preferred stock, or warrants, in any combination.

This prospectus contains a summary of the material general terms of the various securities that we may offer. The specific terms of the securities will be described in a prospectus supplement, information incorporated by reference or related free writing prospectus, which may be in addition to or different from the general terms summarized in this prospectus. Where applicable, the prospectus supplement, information incorporated by reference or related free writing prospectus will also describe any material United States federal income tax considerations relating to the securities offered and indicate whether the securities offered are or will be listed on any securities exchange. The summaries contained in this prospectus and in any prospectus supplements, information incorporated by reference or related free writing prospectus may not contain all of the information that you would find useful. Accordingly, you should read the actual documents relating to any securities sold pursuant to this prospectus.

The terms of any particular offering, the initial offering price and the net proceeds to us will be contained in the prospectus supplement, information incorporated by reference or free writing prospectus, relating to such offering.

## **Common Stock**

As of the date hereof, there are 15,881,215 shares of our Common Stock issued and outstanding.

### ***Common Stock***

#### ***Listing***

Our common stock is listed on Nasdaq under the symbol "ALMU." On August 4, 2025, the closing price for our common stock, as reported on Nasdaq, was \$21.34 per share.

#### ***Dividend Rights***

Subject to preferences that may apply to any shares of redeemable convertible preferred stock outstanding at the time, the holders of our common stock are entitled to receive dividends out of funds legally available if our board of directors, in its discretion, determines to issue dividends and then only at the times and in the amounts that our board of directors may determine.

#### ***Voting Rights***

Holders of our common stock are entitled to one vote for each share of common stock held on all matters submitted to a vote of stockholders. We have not provided for cumulative voting for the election of directors in our restated certificate of incorporation. Except as otherwise required by law, the restated and amended certificate of incorporation, the restated and amended bylaws or the rules of any applicable stock exchange, in all matters other than the election of directors, the affirmative vote of a majority of the voting power of the shares present in person or represented by proxy at a meeting and entitled to vote on the subject matter shall be the act of the stockholders. Except as otherwise required by law, the amended and restated certificate of incorporation or the amended and restated bylaws, directors shall be elected by a plurality of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the election of directors. Accordingly, even if a director receives 1% of the votes cast, he or she will be elected assuming there is no opposition candidate; where there is an opposition candidate, the candidate receiving the most votes wins, without regard to whether those votes constitute a majority of the votes at the meeting. Our restated bylaws establish a classified board of directors, to be divided into three classes with staggered three-year terms. Only one class of directors will be elected at each annual meeting of our stockholders, with the other classes continuing for the remainder of their respective three-year terms.

#### ***No Preemptive or Similar Rights***

Our common stock is not entitled to preemptive rights and is not subject to redemption or sinking fund provisions.

#### ***Right to Receive Liquidation Distributions***

Upon our liquidation, dissolution, or winding-up, the assets legally available for distribution to our stockholders would be distributable ratably among the holders of our common stock and any participating redeemable convertible preferred stock outstanding at that time, subject to prior satisfaction of all outstanding debt and liabilities and the preferential rights of and the payment of liquidation preferences, if any, on any outstanding shares of redeemable convertible preferred stock.

#### ***Fully Paid and Non-Assessable***

All outstanding shares of common stock are fully paid and non-assessable.

## **Preferred Stock**

Our certificate of incorporation provides that we may issue up to 10,000,000 shares of preferred stock in one or more series as may be determined by our board of directors. Our board of directors has broad discretionary authority with respect to the rights of any new series of preferred stock and may establish the following with respect to the shares in each series, without any vote or action of the stockholders:

- the number of shares;
- the designations, powers, preferences and relative participation, optional or other rights, including voting rights, dividend rights, conversion rights, redemption privileges and liquidation preferences; and
- any qualifications, limitations or restrictions.

We believe that the ability of our board of directors to issue one or more series of preferred stock provides us with flexibility in structuring possible future financings and acquisitions, and in meeting other corporate needs that may arise. The authorized shares of preferred stock, as well as authorized and unissued shares of common stock, are available for issuance without action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange or automated quotation system on which our securities may be listed or traded.

Our board of directors is authorized, subject to limitations prescribed by Delaware law, to issue preferred stock in one or more series, to establish from time to time the number of shares to be included in each series, and to fix the designation, powers, preferences, and rights of the shares of each series and any of its qualifications, limitations, or restrictions, in each case without further vote or action by our stockholders. Our board of directors can also increase or decrease the number of shares of any series of preferred stock, but not below the number of shares of that series then outstanding, without any further vote or action by our stockholders. Our board of directors may authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of our common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring, or preventing a change in our control and might adversely affect the market price of our common stock and the voting and other rights of the holders of our common stock. We have no current plan to issue any shares of preferred stock.

### **Description of Rights**

We may issue rights to purchase our securities. The rights may or may not be transferable by the persons purchasing or receiving the rights. In connection with any rights offering, we may enter into a standby underwriting or other arrangement with one or more underwriters or other persons pursuant to which such underwriters or other persons would purchase any offered securities remaining unsubscribed for after such rights offering. Each series of rights will be issued under a separate rights agent agreement to be entered into between us and one or more banks, trust companies or other financial institutions, as rights agent that we will name in the applicable prospectus supplement. The rights agent will act solely as our agent in connection with the rights and will not assume any obligation or relationship of agency or trust for or with any holders of rights certificates or beneficial owners of rights.

The prospectus supplement relating to any rights that we offer will include specific terms relating to the offering, including, among other matters:

- the date of determining the security holders entitled to the rights distribution;
- the aggregate number of rights issued and the aggregate amount of securities purchasable upon exercise of the rights;
- the exercise price;
- the conditions to completion of the rights offering;
- the date on which the right to exercise the rights will commence and the date on which the rights will expire; and
- any applicable federal income tax considerations.

Each right would entitle the holder of the rights to purchase for cash the principal amount of securities at the exercise price set forth in the applicable prospectus supplement. Rights may be exercised at any time up to the close of business on the expiration date for the rights provided in the applicable prospectus supplement. After the close of business on the expiration date, all unexercised rights will become void.

If less than all of the rights issued in any rights offering are exercised, we may offer any unsubscribed securities directly to persons other than our security holders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement.

### **Description of Warrants**

We may issue warrants to purchase our Common Stock or preferred shares. Warrants may be issued independently or together with any other securities that may be sold by us pursuant to this prospectus or any combination of the foregoing and may be attached to, or separate from, such securities. To the extent warrants that we issue are to be publicly traded, each series of such warrants will be issued under a separate warrant agreement to be entered into between us and a warrant agent. While the terms we have summarized below will apply generally to any warrants that we may offer under this prospectus, we will describe in particular the terms of any series of warrants that we may offer in more detail in the applicable prospectus supplement and any applicable free writing prospectus. The terms of any warrants offered under a prospectus supplement may differ from the terms described below.

We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from another report that we file with the SEC, the form of the warrant and/or warrant agreement, if any, which may include a form of warrant certificate, as applicable that describes the terms of the particular series of warrants we may offer before the issuance of the related series of warrants. We may issue the warrants under a warrant agreement that we will enter into with a warrant agent to be selected by us. The warrant agent will act solely as our agent in connection with the warrants and will not assume any obligation or relationship of agency or trust for or with any registered holders of warrants or beneficial owners of warrants. The following summary of material provisions of the warrants and warrant agreements is subject to, and qualified in its entirety by reference to, all the provisions of the form of warrant and/or warrant agreement and warrant certificate applicable to a particular series of warrants. We urge you to read the applicable prospectus supplement and any related free writing prospectus, as well as the complete form of warrant and/or the warrant agreement and warrant certificate, as applicable, that contain the terms of the warrants.

The particular terms of any issue of warrants will be described in the prospectus supplement relating to the issue. Those terms may include:

- the title of the warrants;
- the price or prices at which the warrants will be issued;
- the designation, amount and terms of the securities or other rights for which the warrants are exercisable;
- the designation and terms of the other securities, if any, with which the warrants are to be issued and the number of warrants issued with each other security;
- the aggregate number of warrants;
- any provisions for adjustment of the number or amount of securities receivable upon exercise of the warrants or the exercise price of the warrants;
- the price or prices at which the securities or other rights purchasable upon exercise of the warrants may be purchased;
- if applicable, the date on and after which the warrants and the securities or other rights purchasable upon exercise of the warrants will be separately transferable;
- a discussion of any material U.S. federal income tax considerations applicable to the exercise of the warrants;
- the date on which the right to exercise the warrants will commence, and the date on which the right will expire;
- the maximum or minimum number of warrants that may be exercised at any time;
- information with respect to book-entry procedures, if any; and
- any other terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

#### *Exercise of Warrants*

Each warrant will entitle the holder of warrants to purchase the number of Common Stock or preferred shares of the relevant class or series at the exercise price stated or determinable in the prospectus supplement for the warrants. Warrants may be exercised at any time up to the close of business on the expiration date shown in the applicable prospectus supplement, unless otherwise specified in such prospectus supplement. After the close of business on the expiration date, if applicable, unexercised warrants will become void. Warrants may be exercised in the manner described in the applicable prospectus supplement. When the warrant holder makes the payment and properly completes and signs the warrant certificate at the corporate trust office of the warrant agent, if any, or any other office indicated in the prospectus supplement, we will, as soon as possible, forward the securities or other rights that the warrant holder has purchased. If the warrant holder exercises less than all of the warrants represented by the warrant certificate, we will issue a new warrant certificate for the remaining warrants. If we so indicate in the applicable prospectus supplement, holders of the warrants may surrender securities as all or part of the exercise price for warrants.

Prior to the exercise of any warrants to purchase Common Stock or preferred shares of the relevant class or series, holders of the warrants will not have any of the rights of holders of Common Stock or preferred shares purchasable upon exercise, including the right to vote or to receive any payments of dividends or payments upon our liquidation, dissolution or winding up on the Common Stock or preferred shares purchasable upon exercise, if any.

#### *Outstanding Warrants*

As of the date of this prospectus, we have 1,564,928 and 540,079 options and warrants outstanding, respectively of the Company outstanding.

## Description of Units

The following description, together with the additional information we may include in any applicable prospectus supplement, summarizes the material terms and provisions of the units that we may offer under this prospectus. While the terms we have summarized below will apply generally to any units that we may offer under this prospectus, we will describe the particular terms of any series of units in more detail in the applicable prospectus supplement and any related free writing prospectus. The terms of any units offered under a prospectus supplement may differ from the terms described below. However, no prospectus supplement will fundamentally change the terms that are set forth in this prospectus or offer a security that is not registered and described in this prospectus at the time of its effectiveness.

We will file as an exhibit to the registration statement of which this prospectus is a part or will incorporate by reference from another report we file with the SEC, the form of unit agreement that describes the terms of the series of units we may offer under this prospectus, and any supplemental agreements, before the issuance of the related series of units. The following summaries of material terms and provisions of the units are subject to, and qualified in their entirety by reference to, all the provisions of the unit agreement and any supplemental agreements applicable to a particular series of units. We urge you to read the applicable prospectus supplement and any related free writing prospectus, as well as the complete unit agreement and any supplemental agreements that contain the terms of the units.

We may issue units comprised of Common Stock or preferred shares and warrants in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date. If we offer any units, certain terms of that series of units will be described in the applicable prospectus supplement, including, without limitation, the following, as applicable

- the title of the series of units;
- identification and description of the separate constituent securities comprising the units;
- the price or prices at which the units will be issued;
- the date, if any, on and after which the constituent securities comprising the units will be separately transferable, if applicable;
- any provisions for the issuance, payment, settlement, transfer, or exchange of the units or of the securities comprising the units;
- a discussion of certain United States federal income tax considerations applicable to the units; and
- any other material terms of the units and their constituent securities.

The provisions described in this section, as well as those described under “Description of Share Capital – Common Stock and Preferred Shares” and “Description of Warrants” will apply to each unit and to any Common Stock, preferred shares or warrant included in each unit, respectively.

### *Issuance in Series*

We may issue units in such amounts and in numerous distinct series as we determine.

### *Enforceability of Rights by Holders of Units*

We may enter into unit agreements with a unit agent. Each unit agent will act solely as our agent under the applicable unit agreement and will not assume any obligation or relationship of agency or trust with any holder of any unit. A single bank or trust company may act as unit agent for more than one series of units. A unit agent will have no duty or responsibility in case of any default by us under the applicable unit agreement or unit, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a unit may, without the consent of the related unit agent or the holder of any other unit, enforce by appropriate legal action its rights as holder under any security included in the unit.

We, the unit agents and any of their agents may treat the registered holder of any unit certificate as an absolute owner of the units evidenced by that certificate for any purpose and as the person entitled to exercise the rights attaching to the units so requested, despite any notice to the contrary.

## Description of Debt Securities

The following description, together with the additional information we include in any applicable prospectus supplements, summarizes the material terms and provisions of the debt securities that we may offer under this prospectus. While the terms we have summarized below will generally apply to any future debt securities we may offer under this prospectus, we will describe the particular terms of any debt securities that we may offer in more detail in the applicable prospectus supplement. The terms of any debt securities we offer under a prospectus supplement may differ from the terms we describe below. As of the date of this prospectus, we have no outstanding registered debt securities.

We may issue notes under senior or subordinated indentures or, separately, without the use of an indenture. If we issue senior or subordinated notes without the use of an indenture, we will issue such senior or subordinated notes directly to the purchasers of such senior or subordinated notes.

If we issue senior notes under a senior indenture, we will enter into such subordinated indenture with the trustee to be named in such senior indenture. If we issue subordinated notes under a subordinated indenture, we will enter into such subordinated indenture with the trustee to be named in such subordinated indenture. We will file as exhibits to the registration statement of which this prospectus is a part or will incorporate by reference from another report that we file with the SEC, the form of such notes and indentures, if any, that describes the terms of the particular note we may offer under this prospectus, and any supplement agreements, before the issuance of the related note. We use the term “indentures” to refer to both the senior indenture and the subordinated indenture.

The indentures will be qualified under the Trust Indenture Act of 1939. References to the Trust Indenture Act of 1939 include all amendments thereto. We use the term “debenture trustee” to refer to either the senior trustee or the subordinated trustee, as applicable.

The following summaries of material provisions of the senior notes, the subordinated notes and the indentures are subject to, and qualified in their entirety by reference to, all the provisions of the indenture applicable to a particular series of debt securities, and all supplements thereto. We urge you to read the applicable prospectus supplements related to the debt securities that we sell under this prospectus, as well as the complete indentures that contain the terms of the debt securities. Except as we may otherwise indicate, the terms of the senior and the subordinated indentures are identical.

The statements and descriptions in this prospectus or in any prospectus supplement regarding provisions of debt securities and any indentures are summaries of these provisions, do not purport to be complete and are subject to, and are qualified in their entirety by reference to, all of the provisions of the debt securities and the indentures (including any amendments or supplements we may enter into from time to time which are permitted under the debt securities or any indenture).

### *General*

The terms of each series of debt securities will be established by or pursuant to a resolution of our board of directors and set forth or determined in the manner provided in an officers’ certificate or by a supplemental indenture. Debt securities may be issued in separate series without limitation as to aggregate principal amount. We may specify a maximum aggregate principal amount for the debt securities of any series. In addition, the particular terms of each series of debt securities will be described in a prospectus supplement relating to such series, including any pricing supplement. The prospectus supplement will set forth, among other things:

- the title;
- the principal amount being offered, and, if a series, the total amount authorized and the total amount outstanding;
- any limit on the amount that may be issued;
- whether or not we will issue the series of debt securities in global form and, if so, the terms and who the depositary will be;
- the maturity date;
- whether and under what circumstances, if any, we will pay additional amounts on any debt securities held by a person who is not a U.S. person for tax purposes, and whether we can redeem the debt securities if we must pay such additional amounts;

- the annual interest rate, which may be fixed or variable, or the method for determining the rate, the date interest will begin to accrue, the dates interest will be payable and the regular record dates for interest payment dates or the method for determining such dates;
- the terms of the subordination of any series of subordinated debt, if applicable;
- the place where payments will be payable;
- restrictions on transfer, sale, or other assignment, if any;
- our right, if any, to defer payment of interest and the maximum length of any such deferral period;
- the date, if any, after which, the conditions upon which, and the price at which we may, at our option, redeem the series of debt securities pursuant to any optional or provisional redemption provisions, and any other applicable terms of those redemption provisions;
- the date, if any, on which, and the price at which we are obligated, pursuant to any mandatory sinking fund or analogous fund provisions or otherwise, to redeem, or at the holder's option to purchase, the series of debt securities and the currency or currency unit in which the debt securities are payable;
- whether the indenture will restrict our ability and/or the ability of our subsidiaries to, among other things:
  - incur additional indebtedness;
  - issue additional securities;
  - create liens;
  - pay dividends and make distributions in respect of our capital stock and the capital stock of our subsidiaries;
  - redeem capital stock;
  - place restrictions on our subsidiaries' ability to pay dividends, make distributions or transfer assets;
  - make investments or other restricted payments;
  - sell or otherwise dispose of assets;
  - enter into sale-leaseback transactions;
  - engage in transactions with stockholders and affiliates;
  - issue or sell stock of our subsidiaries; or
  - effect a consolidation or merger;
- whether the indenture will require us to maintain any interest coverage, fixed charge, cash flow-based, asset-based, or other financial ratios;
- information describing any book-entry features;
- provisions for a sinking fund purchase or other analogous fund, if any;

- whether the debt securities are to be offered at a price such that they will be deemed to be offered at an “original issue discount” as defined in paragraph (a) of Section 1273 of the Internal Revenue Code;
- the procedures for any auction and remarketing, if any;
- the denominations in which we will issue the series of debt securities, if other than denominations of \$1,000 and any integral multiple thereof;
- if other than dollars, the currency in which the series of debt securities will be denominated; and
- any other specific terms, preferences, rights or limitations of, or restrictions on, the debt securities, including any events of default that are in addition to those described in this prospectus or any covenants provided with respect to the debt securities that are in addition to those described above, and any terms that may be required by us or advisable under applicable laws or regulations or advisable in connection with the marketing of the debt securities.

#### *Conversion or Exchange Rights*

We will set forth in the prospectus supplement the terms on which a series of debt securities may be convertible into or exchangeable for Common Stock, preferred shares, or other securities of ours or a third party, including the conversion or exchange rate, as applicable, or how it will be calculated, and the applicable conversion or exchange period. We will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option. We may include provisions pursuant to which the number of our securities or the securities of a third party that the holders of the series of debt securities receive upon conversion or exchange would, under the circumstances described in those provisions, be subject to adjustment, or pursuant to which those holders would, under those circumstances, receive other property upon conversion or exchange, for example in the event of our merger or consolidation with another entity.

#### *Consolidation, Merger or Sale*

The indentures in the forms initially filed as exhibits to the registration statement of which this prospectus is a part do not contain any covenant that restricts our ability to merge or consolidate, or sell, convey, transfer, or otherwise dispose of all or substantially all of our assets. However, any successor of ours or the acquirer of such assets must assume all of our obligations under the indentures and the debt securities.

If the debt securities are convertible for our other securities, the person with whom we consolidate or merge or to whom we sell all of our property must make provisions for the conversion of the debt securities into securities that the holders of the debt securities would have received if they had converted the debt securities before the consolidation, merger or sale.

#### *Events of Default Under the Indenture*

The following are events of default under the indentures in the forms initially filed as exhibits to the registration statement with respect to any series of debt securities that we may issue:

- if we fail to pay interest when due and payable and our failure continues for 90 days and the time for payment has not been extended or deferred;
- if we fail to pay the principal, sinking fund payment or premium, if any, when due and payable and the time for payment has not been extended or delayed;

- if we fail to observe or perform any other covenant contained in the debt securities or the indentures, other than a covenant specifically relating to another series of debt securities, and our failure continues for 90 days after we receive notice from the debenture trustee or holders of at least 25% in aggregate principal amount of the outstanding debt securities of the applicable series; and
- if specified events of bankruptcy, insolvency or reorganization occur.

If an event of default with respect to debt securities of any series occurs and is continuing, other than an event of default specified in the last bullet point above, the debenture trustee or the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series, by notice to us in writing, and to the debenture trustee if notice is given by such holders, may declare the unpaid principal of, premium, if any, and accrued interest, if any, due and payable immediately. If an event of default specified in the last bullet point above occurs with respect to us, the principal amount of and accrued interest, if any, of each issue of debt securities then outstanding shall be due and payable without any notice or other action on the part of the debenture trustee or any holder.

The holders of a majority in principal amount of the outstanding debt securities of an affected series may waive any default or event of default with respect to the series and its consequences, except defaults or events of default regarding payment of principal, premium, if any, or interest, unless we have cured the default or event of default in accordance with the indenture. Any waiver shall cure the default or event of default.

Subject to the terms of the indentures, if an event of default under an indenture shall occur and be continuing, the debenture trustee will be under no obligation to exercise any of its rights or powers under such indenture at the request or direction of any of the holders of the applicable series of debt securities, unless such holders have offered the debenture trustee reasonable indemnity. The holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method, and place of conducting any proceeding for any remedy available to the debenture trustee, or exercising any trust or power conferred on the debenture trustee, with respect to the debt securities of that series, provided that:

- the direction so given by the holder is not in conflict with any law or the applicable indenture; and
- subject to its duties under the Trust Indenture Act of 1939, the debenture trustee need not take any action that might involve it in personal liability or might be unduly prejudicial to the holders not involved in the proceeding.

A holder of the debt securities of any series will only have the right to institute a proceeding under the indentures or to appoint a receiver or trustee, or to seek other remedies if:

- the holder has given written notice to the debenture trustee of a continuing event of default with respect to that series;
- the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series have made written request, and such holders have offered reasonable indemnity, to the debenture trustee to institute the proceeding as trustee; and
- the debenture trustee does not institute the proceeding and does not receive from the holders of a majority in aggregate principal amount of the outstanding debt securities of that series other conflicting directions within 90 days after the notice, request and offer.

These limitations do not apply to a suit instituted by a holder of debt securities if we default in the payment of the principal, premium, if any, or interest on, the debt securities.

We will periodically file statements with the debenture trustee regarding our compliance with specified covenants in the indentures.

*Modification of Indenture; Waiver*

We and the debenture trustee may change an indenture without the consent of any holders with respect to specific matters, including:

- to fix any ambiguity, defect, or inconsistency in the indenture;
- to comply with the provisions described above under “Consolidation, Merger or Sale”;
- to comply with any requirements of the SEC in connection with the qualification of any indenture under the Trust Indenture Act of 1939;
- to evidence and provide for the acceptance of appointment by a successor trustee;
- to provide for uncertificated debt securities and to make all appropriate changes for such purpose;
- to add to, delete from, or revise the conditions, limitations and restrictions on the authorized amount, terms or purposes of issuance, authorization and delivery of debt securities or any series, as set forth in the indenture;
- to provide for the issuance of and establish the form and terms and conditions of the debt securities of any series as provided under “General” to establish the form of any certifications required to be furnished pursuant to the terms of the indenture or any series of debt securities, or to add to the rights of the holders of any series of debt securities;
- to add to our covenants such new covenants, restrictions, conditions, or provisions for the protection of the holders, to make the occurrence, or the occurrence and the continuance, of a default in any such additional covenants, restrictions, conditions or provisions an event of default, or to surrender any of our rights or powers under the indenture; or
- to change anything that does not materially adversely affect the interests of any holder of debt securities of any series.

In addition, under the indentures, the rights of holders of a series of debt securities may be changed by us and the debenture trustee with the written consent of the holders of at least a majority in aggregate principal amount of the outstanding debt securities of each series that is affected. However, we and the debenture trustee may only make the following changes with the consent of each holder of any outstanding debt securities affected:

- extending the fixed maturity of the series of debt securities;
- reducing the principal amount, reducing the rate or extending the time of payment of interest, or reducing any premium payable upon the redemption of any debt securities; or
- reducing the percentage of debt securities, the holders of which are required to consent to any amendment, supplement, modification, or waiver.

### *Discharge*

Each indenture provides that we can elect to be discharged from our obligations with respect to one or more series of debt securities, except that the following obligations, among others survive until the maturity date or the redemption date:

- register the transfer or exchange of debt securities of the series;
- replace stolen, lost, or mutilated debt securities of the series;
- maintain paying agencies;
- hold monies for payment in trust; and
- appoint any successor trustee; and the following obligations survive the maturity date or the redemption date
- recover excess money held by the debenture trustee; and
- compensate and indemnify the debenture trustee.

As more fully set forth in the indentures, in order to exercise our rights to be discharged, we must either deliver for cancellation all securities of a series to the debenture trustee or must deposit with the debenture trustee money or government obligations sufficient to pay all the principal of, any premium, if any, and interest on, the debt securities of the series on the dates payments are due.

### *Form, Exchange and Transfer*

We will issue the debt securities of each series only in fully registered form without coupons and, unless we otherwise specify in the applicable prospectus supplement, in denominations of \$1,000 and any integral multiple thereof. The indentures provide that we may issue debt securities of a series in temporary or permanent global form and as book-entry securities that will be deposited with, or on behalf of, The Depository Trust Company, New York, New York, known as DTC, or another depository named by us and identified in a prospectus supplement with respect to that series.

At the option of the holder, subject to the terms of the indentures and the limitations applicable to global securities described in the applicable prospectus supplement, the holder of the debt securities of any series can exchange the debt securities for other debt securities of the same series, in any authorized denomination and of like tenor and aggregate principal amount.

Subject to the terms of the indentures and the limitations applicable to global securities set forth in the applicable prospectus supplement, holders of the debt securities may present the debt securities for exchange or for registration of transfer, duly endorsed or with the form of transfer endorsed thereon duly executed if so required by us or the security registrar, at the office of the security registrar or at the office of any transfer agent designated by us for this purpose. Unless otherwise provided in the debt securities that the holder presents for transfer or exchange, we will make no service charge for any registration of transfer or exchange, but we may require payment of any taxes or other governmental charges.

We will name in a board resolution the security registrar, and any transfer agent in addition to the security registrar, that we initially designate for any debt securities. We may at any time designate additional transfer agents or rescind the designation of any transfer agent or approve a change in the office through which any transfer agent acts, except that we will be required to maintain a transfer agent in each place of payment for the debt securities of each series.

If we elect to redeem the debt securities of any series, we will not be required to:

- issue, register the transfer of, or exchange any debt securities of any series being redeemed in part during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of any debt securities that may be selected for redemption and ending at the close of business on the day of the mailing; or
- register the transfer of or exchange any debt securities so selected for redemption, in whole or in part, except the unredeemed portion of any debt securities we are redeeming in part.

### *Information Concerning the Debenture Trustee*

The debenture trustee, other than during the occurrence and continuance of an event of default under an indenture, undertakes to perform only those duties as are specifically set forth in the applicable indenture. Upon an event of default under an indenture, the debenture trustee must use the same degree of care as a prudent person would exercise or use in the conduct of his or her own affairs. Subject to this provision, the debenture trustee is under no obligation to exercise any of the powers given it by the indentures at the request of any holder of debt securities unless it is offered reasonable security and indemnity against the costs, expenses, and liabilities that it might incur.

### *Payment and Paying Agents*

Unless we otherwise indicate in the applicable prospectus supplement, we will make payment of the interest on any debt securities on any interest payment date to the person in whose name the debt securities, or one or more predecessor securities, are registered at the close of business on the regular record date for the interest.

We will name in the applicable board resolution any other paying agents that we initially designate for the debt securities of a particular series. We will maintain a paying agent in each place of payment for the debt securities of a particular series.

All money we pay to a paying agent or the debenture trustee for the payment of the principal of or any premium or interest on any debt securities that remains unclaimed at the end of two years after such principal, premium or interest has become due and payable will be repaid to us, and the holder of the debt security thereafter may look only to us for payment thereof.

### *Governing Law*

The indentures and the debt securities will be governed by and construed in accordance with the laws of the State of New York, except to the extent that the Trust Indenture Act of 1939 is applicable.

### *Subordination of Subordinated Debt Securities*

The subordinated debt securities will be subordinate and junior in priority of payment to certain of our other indebtedness to the extent described in a prospectus supplement. The indentures in the forms initially filed as exhibits to the registration statement of which this prospectus is a part do not limit the amount of indebtedness that we may incur, including senior indebtedness or subordinated indebtedness, and do not limit us from issuing any other debt, including secured debt or unsecured debt.

### **Anti-Takeover Provisions**

Certain provisions of Delaware law, our Certificate of Incorporation and our Bylaws may have the effect of delaying, deferring, or discouraging another person from acquiring control of the Company.

Among other things, the Charter and the Bylaws:

- permit the Board to issue up to 10,000,000 shares of Preferred Stock, with any rights, preferences, and privileges as they may designate, including the right to approve an acquisition or other change of control;
- provide that the authorized number of directors may be changed only by resolution of the Board;
- provide that the Board is classified into three classes of directors;
- provide that, subject to the rights of any series of Preferred Stock to elect directors, directors may only be removed for cause, which removal may be effected, subject to any limitation imposed by law, by the holders of at least a majority of the voting power of all of the then-outstanding shares of the Company's capital stock entitled to vote generally at an election of directors;

- provide that all vacancies, including newly created directorships, may, except as otherwise required by law, be filled by the affirmative vote of a majority of directors then in office, even if less than a quorum;
- require that any action to be taken by the Company's stockholders must be effected at a duly called annual or special meeting of stockholders, or without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of the then-outstanding shares of stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted and shall be delivered to the Company in the manner provided by applicable law;
- provide that stockholders seeking to present proposals before a meeting of stockholders or to nominate candidates for election as directors at a meeting of stockholders must provide advance notice in writing, and also specify requirements as to the form and content of a stockholder's notice;
- provide that special meetings of the Company's stockholders may be called only by the chairperson of the Board, the Company's Chief Executive Officer or by the Board pursuant to a resolution adopted by a majority of the total number of authorized directors; and
- do not provide for cumulative voting rights, therefore allowing the holders of a majority of the voting power of the stock of the Company entitled to vote in any election of directors to elect all of the directors standing for election, if they should so choose.

The amendment of any of these provisions would require approval by the holders of at least 66 2/3% of the voting power of all of the Company's then-outstanding capital stock entitled to vote generally in the election of directors, voting together as a single class.

The combination of these provisions makes it more difficult for the Company's existing stockholders to replace the Board as well as for another party to obtain control of us by replacing the Board. Since the Board has the power to retain and discharge the Company's officers, these provisions could also make it more difficult for existing stockholders or another party to effect a change in management. In addition, the authorization of undesignated preferred stock makes it possible for the Board to issue Preferred Stock with voting or other rights or preferences that could impede the success of any attempt to change the Company's control.

These provisions are intended to enhance the likelihood of continued stability in the composition of the Board and its policies and to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to reduce the Company's vulnerability to hostile takeovers and to discourage certain tactics that may be used in proxy fights. However, such provisions could have the effect of discouraging others from making tender offers for the Company's shares and may have the effect of delaying changes in the Company's control or management. As a consequence, these provisions may also inhibit fluctuations in the market price of the Company's stock.

#### **Certain Anti-Takeover Provisions of Delaware Law**

##### *Special Meetings of Stockholders*

The Charter and the Bylaws provide that special meetings of the Company's stockholders may be called only by the Chairman of the Board, the Chief Executive Officer of the Company (or the president in the absence of a Chief Executive Officer), or the Board pursuant to a resolution adopted by a majority of the total number of authorized directors (whether or not there exist any vacancies in previously authorized directorships at the time any such resolution is presented to the Board for adoption).

#### *Advance Notice Requirements for Stockholder Proposals and Director Nominations*

The Bylaws provide that stockholders seeking to nominate candidates for election to the Board or to bring business before the Company's annual meeting of stockholders, must provide timely notice of their intent in writing. To be timely under the Bylaws, a stockholder's notice needs to be received by the Secretary of the Company at the Company's principal executive offices not later than the close of business on the 45th day nor earlier than the close of business on the 90th day prior to the first anniversary of the preceding year's annual meeting provided, however, that in the event that no annual meeting was held during the preceding year or the date of the annual meeting is advanced more than 30 days prior to or delayed by more than 60 days after the anniversary of the date of the preceding year's annual meeting, notice by the stockholder to be timely must be so received not earlier than the close of business on the 120th day prior to such annual meeting and no later than the close of business on the later of the 90th day prior to such annual meeting or the tenth day following the day on which public announcement of the date of such meeting is first made by the Company. The Bylaws also specify certain requirements as to the form and content of a stockholders' meeting. These provisions may preclude the Company's stockholders from bringing matters before its annual meeting of stockholders or from making nominations for directors at our annual meeting of stockholders.

#### *Exclusive Forum Selection*

The Charter provides that unless the Company consents in writing to the selection of an alternative forum to the fullest extent permitted by the applicable law, the Court of Chancery of the State of Delaware (or, if and only if the Court of Chancery of the State of Delaware lacks subject matter jurisdiction, any state court located within the State of Delaware or, if and only if all such state courts lack subject matter jurisdiction, the federal district court for the District of Delaware) and any appellate court therefrom shall be the sole and exclusive forum for the following claims or causes of action under Delaware statutory or common law: (i) any derivative action or proceeding brought on behalf of the Company, (ii) any action asserting a claim of breach of a fiduciary duty owed by any director, stockholder, officer or other employee of the Company to the Company or the Company's stockholders, (iii) any action arising pursuant to any provision of the DGCL or the Company's certificate of incorporation or these bylaws (as either may be amended from time to time), or (iv) any action asserting a claim governed by the internal affairs doctrine, except for, as to each of (i) through (iv) above, any claim as to which such court determines that there is an indispensable party not subject to the jurisdiction of such court (and the indispensable party does not consent to the personal jurisdiction of such court within ten (10) days following such determination), which is vested in the exclusive jurisdiction of a court or forum other than such court, or for which such court does not have subject matter jurisdiction. The Charter also requires that unless the Company consents in writing to the selection of an alternative forum, to the fullest extent permitted by law, the federal district courts of the United States shall be the exclusive forum for the resolution of any complaint asserting a cause of action under the Securities Act. The above shall not apply to claims or causes of action brought to enforce a duty or liability created by the Securities Act or the Exchange Act or any other claim for which the federal courts have exclusive jurisdiction. Although the Company believes these provisions benefit us by providing increased consistency in the application of the DGCL in the types of lawsuits to which it applies, a court may determine that these provisions are unenforceable, and to the extent they are enforceable, the provisions may have the effect of discouraging lawsuits against the Company's directors and officers, although the Company's stockholders will not be deemed to have waived its compliance with federal securities laws and the rules and regulations thereunder.

#### *Effect of California Long-Arm Statute.*

We are a Delaware corporation, governed by the Delaware General Corporation Law. However, our headquarters, property, and officers are located in California, and Section 2115 of the California Corporations Code purports to impose on corporations like the Company certain portions of California's laws governing corporations formed under the laws of the State of California. While disputes have arisen regarding the enforceability of Section 2115, the statute purports to apply the California Corporations Code in the following areas of governance to corporations that meet the test for applicability of Section 2115: Chapter 1 (general provisions and definitions), to the extent applicable to the following provisions; Section 301 (annual election of directors); Section 303 (removal of directors without cause); Section 304 (removal of directors by court proceedings); Section 305, subdivision (c) (filling of director vacancies where less than a majority in office elected by shareholders); Section 309 (directors' standard of care); Section 316 (excluding paragraph (3) of subdivision (a) and paragraph (3) of subdivision (f) (liability of directors for unlawful distributions); Section 317 (indemnification of directors, officers, and others); Sections 500 to 505, inclusive (limitations on corporate distributions in cash or property); Section 506 (liability of shareholder who receives unlawful distribution); Section 600, subdivisions (b) and (c) (requirement for annual shareholders' meeting and remedy if same not timely held); Section 708, subdivisions (a), (b), and (c) (shareholder's right to cumulate votes at any election of directors); Section 710 (supermajority vote requirement); Section 1001, subdivision (d) (limitations on sale of assets); Section 1101 (provisions following subdivision (e)) (limitations on mergers); Section 1151 (first sentence only) (limitations on conversions); Section 1152 (requirements of conversions); Chapter 12 (commencing with Section 1200) (reorganizations); Chapter 13 (commencing with Section 1300) (dissenters' rights); Sections 1500 and 1501 (records and reports); Section 1508 (action by Attorney General); Chapter 16 (commencing with Section 1600) (rights of inspection).

We believe it is likely that we meet the test for the application of Section 2115 and do not anticipate a specific time in the future when we would not meet such test. Section 2115, if applicable, would purport to require a different outcome for certain important activities fundamental to the governance of corporations, and you are encouraged to review the effect of Section 2115 to determine whether the differences from the Delaware General Corporation Law are important to you.

#### **Limitations on Liability and Indemnification of Officers and Directors**

The Charter eliminates the Company's directors' liability for monetary damages to the fullest extent permitted by applicable law. The DGCL provides that directors of a corporation will not be personally liable for monetary damages for breach of their fiduciary duties as directors, except for liability:

- for any transaction from which the director derives an improper personal benefit;
- for any act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;
- for any unlawful payment of dividends or redemption of shares; or
- for any breach of a director's duty of loyalty to the corporation or its stockholders.

If the DGCL is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of the Company's directors will be eliminated or limited to the fullest extent permitted by the DGCL, as so amended.

The Charter requires the Company to indemnify and advance expenses to the fullest extent permitted by applicable law, to its directors, officers, and agents. The Company maintains a directors' and officers' insurance policy pursuant to which the Company's directors and officers are insured against liability for actions taken in their capacities as directors and officers. Finally, the Charter prohibits any retroactive changes to the rights or protections or increase the liability of any director in effect at the time of the alleged occurrence of any act or omission to act giving rise to liability or indemnification.

In addition, the Company has entered into separate indemnification agreements with the Company's directors and officers. These agreements, among other things, require the Company to indemnify its directors and officers for certain expenses, including attorneys' fees, judgments, fines, and settlement amounts incurred by a director or officer in any action or proceeding arising out of their services as one of the Company's directors or officers or any other company or enterprise to which the person provides services at the Company's request.

We believe these provisions in the Charter are necessary to attract and retain qualified persons as directors and officers.

#### **Dissenters' Rights of Appraisal and Payment**

Under the DGCL, with certain exceptions, the Company's stockholders will have appraisal rights in connection with a merger or consolidation of the Company. Pursuant to the DGCL, stockholders who properly demand and perfect appraisal rights in connection with such merger or consolidation will have the right to receive payment of the fair value of their shares as determined by the Delaware Court of Chancery.

#### **Transfer Agent and Registrar**

The transfer agent and registrar for our common stock will be VStock Transfer, LLC. The transfer agent's address is 18 Lafayette Place, Woodmere, New York 11598, and its telephone number is (212) 828-8436.

## PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus (i) to or through underwriters or dealers, including to the public through underwriting syndicates led by one or more managing underwriters, (ii) directly to purchasers, including our affiliates, including through a specific bidding, auction or other process, (iii) through agents, or (iv) through a combination of any these methods. The securities may be offered through privately negotiated transactions, block trades, to one or more underwriters acting alone for resale to investors or to the public or through a combination of any these methods or any other method permitted by law. The securities may be distributed at a fixed price or prices, which may be changed, market prices prevailing at the time of sale, prices related to the prevailing market prices, or negotiated prices. The prospectus supplement will include the following information:

- the terms of the offering;
- the names of any underwriters or agents;
- the name or names of any managing underwriter or underwriters;
- the purchase price of the securities;
- any over-allotment options under which underwriters may purchase additional securities from us;
- the net proceeds from the sale of the securities;
- any delayed delivery arrangements;
- any underwriting discounts, commissions and other items constituting underwriters' compensation;
- any offering price;
- any discounts or concessions allowed or reallocated or paid to dealers;
- any commissions paid to agents; and
- any securities exchange or market on which the securities may be listed.

### Sale Through Underwriters or Dealers

Only underwriters named in the prospectus supplement are underwriters of the securities offered by the prospectus supplement. If underwriters are used in the sale, the underwriters will acquire the securities for their own account, including through underwriting, purchase, security lending or repurchase agreements with us. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions. Underwriters may sell the securities in order to facilitate transactions in any of our other securities (described in this prospectus or otherwise), including other public or private transactions and short sales. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless otherwise indicated in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any offering price and any discounts or concessions allowed or reallocated or paid to dealers.

If dealers are used in the sale of securities offered through this prospectus, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The prospectus supplement will include the names of the dealers and the terms of the transaction.

We will provide in the applicable prospectus supplement any compensation we will pay to underwriters, dealers, or agents in connection with the offering of the securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers.

We may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act. In addition, we may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock and may use securities received in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be named in the applicable prospectus supplement (or a post-effective amendment). In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus and an applicable prospectus supplement. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

The underwriters, dealers and agents may have relationships with, engage in transactions with or perform services for us or one or more of our affiliates in the ordinary course of business for which they receive compensation. We, the underwriters, dealers or agents may facilitate the marketing of an offering online directly or through one of their affiliates. In those cases, prospective investors may view offering terms and a prospectus online and, depending upon the particular underwriter, dealer or agent, place orders online or through their financial advisors.

### **Direct Sales and Sales Through Agents**

We may sell the securities offered through this prospectus directly. In this case, no underwriters or agents would be involved. Such securities may also be sold through agents designated from time to time. The prospectus supplement will name any agent involved in the offer or sale of the offered securities and will describe any commissions payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. The terms of any such sales will be described in the prospectus supplement.

### **Delayed Delivery Contracts**

If the prospectus supplement indicates, we may authorize agents, underwriters, or dealers to solicit offers from certain types of institutions to purchase securities at the offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The applicable prospectus supplement will describe the commission payable for solicitation of those contracts.

### **Market Making, Stabilization and Other Transactions**

Unless the applicable prospectus supplement states otherwise, other than our common stock, all securities we offer under this prospectus will be a new issue and will have no established trading market. We may elect to list offered securities on an exchange or in the over-the-counter market. Any underwriters that we use in the sale of offered securities may make a market in such securities but may discontinue such market making at any time without notice. Therefore, we cannot assure you that the securities will have a liquid trading market.

Any underwriter may also engage in stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Rule 104 under the Securities Exchange Act. Stabilizing transactions involve bids to purchase the underlying security in the open market for the purpose of pegging, fixing, or maintaining the price of the securities. Syndicate covering transactions involve purchases of the securities in the open market after the distribution has been completed in order to cover syndicate short positions.

Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Stabilizing transactions, syndicate covering transactions and penalty bids may cause the price of the securities to be higher than it would be in the absence of the transactions. The underwriters may, if they commence these transactions, discontinue them at any time.

### **General Information**

Agents, underwriters, and dealers may be entitled, under agreements entered into with us, to indemnification by us against certain liabilities, including liabilities under the Securities Act. Our agents, underwriters, and dealers, or their affiliates, may be customers of, engage in transactions with or perform services for us, in the ordinary course of business.

## LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, the validity of the securities offered by this prospectus, and any supplement thereto, will be passed upon for us by Hunter Taubman Fischer & Li LLC, New York, NY. The legality of the securities for any underwriters, dealers or agents will be passed upon by counsel as may be specified in the applicable prospectus supplement.

## EXPERTS

Rose, Snyder, and Jacobs LLP (“RSJ”), an independent registered public accounting firm, audited our financial statements included in our Annual Report on Form 10-K for the year ended June 30, 2024, and 2023, as set forth in their report included therein, which are incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements are incorporated by reference in reliance on RSJ’s report, given on their authority as experts in accounting and auditing.

## Material Changes

None.

## WHERE YOU CAN FIND ADDITIONAL INFORMATION

We file annual, quarterly, and special reports, along with other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC’s website at <http://www.sec.gov>; you can also find our filings on our company website: [www.aeluma.com](http://www.aeluma.com). You may also read and copy any document we file at the SEC’s Public Reference Room at 100 F Street, NE, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. The information on our website is not intended to form a part of or be incorporated by reference into this prospectus.

This prospectus is part of a registration statement on Form S-3 that we filed with the SEC to register the securities offered hereby under the Securities Act of 1933, as amended. This prospectus does not contain all of the information included in the registration statement, including certain exhibits and schedules. You may obtain the registration statement and exhibits to the registration statement from the SEC at the address listed above or from the SEC’s internet site.

## INFORMATION INCORPORATED BY REFERENCE

The Securities and Exchange Commission allows us to incorporate by reference the information we file with them under certain conditions, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus and any information that we file subsequent to this prospectus with the Securities and Exchange Commission will automatically update and supersede this information. The documents we are incorporating by reference are as follows:

- the Company's Annual Report on [Form 10-K](#) for the year ended June 30, 2024, as filed with the Commission on September 27, 2024;
- the Company's Quarterly Report on [Form 10-Q](#) for the quarter ended March 31, 2025, as filed with the Commission on May 9, 2025;
- the Company's Quarterly Report on [Form 10-Q](#) for the quarter ended December 31, 2024, as filed with the Commission on February 11, 2025;
- the Company's Quarterly Report on [Form 10-Q](#) for the quarter ended September 30, 2024, as filed with the Commission on November 8, 2024;
- the Company's Current Reports on Form 8-K filed on [March 28, 2025](#), [March 19, 2025](#), [February 26, 2025](#) and [January 10, 2025](#) (except for the portions of such reports deemed to be furnished and not filed); and,
- The description of the Registrant's common stock, par value \$0.0001, contained in the Registrant's [Form S-1](#) filed on February 28, 2025, and any amendment or report filed for the purpose of updating such description.

All documents filed by us pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the initial filing date of this prospectus, through the date declared effective, until the termination of the offering of securities contemplated by this prospectus shall be deemed to be incorporated by reference into this prospectus. These documents that we file later with the Securities and Exchange Commission and that are incorporated by reference in this prospectus will automatically update information contained in this prospectus or that was previously incorporated by reference into this prospectus. You will be deemed to have notice of all information incorporated by reference in this prospectus as if that information was included in this prospectus.

We will provide to any person, including any beneficial owner, to whom this prospectus is delivered, a copy of any or all of the information that has been incorporated by reference in this prospectus but not delivered with this prospectus (excluding exhibits, unless the exhibits are specifically incorporated), at no cost to the requesting party, upon request to us in writing or by telephone using the following information:

Jonathan Klamkin  
Chief Executive Officer  
Aeluma, Inc.  
27 Castilian Drive  
Goleta, California  
Tel: (805) 351-2707

***Disclosure of Commission Position on Indemnification for Securities Act Liabilities.***

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, we will, unless in the opinion of our counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by us is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

**Up to \$50,000,000**

**Common Stock**



**PROSPECTUS SUPPLEMENT**

**Roth Capital Partners**

**Craig-Hallum**

**Northland Securities**

**Benchmark, a StoneX Company**

**March 20, 2026**

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