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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

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| 1. Name and Address of Reporting Person * <u>Seo James</u> (Last) (First) (Middle) <u>27 CASTILIAN DRIVE</u> (Street) <u>GOLETA CA 93117</u> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) <u>03/18/2025</u> | 3. Issuer Name and Ticker or Trading Symbol <u>Aeluma, Inc. [ALMU]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Interim CFO</u> | |
| | | 5. If Amendment, Date of Original Filed (Month/Day/Year) | |
| | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | |

Table I - Non-Derivative Securities Beneficially Owned

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|---------------------------------|--|--|--|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|--|--|--|

Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|--------------------|--|-------------------------------------|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |
| <u>Stock Option</u> | <u>06/15/2024</u> | <u>05/15/2033</u> | <u>Common Stock</u> | <u>40,000</u> | <u>3</u> | <u>D</u> | |
| <u>Stock Option</u> | <u>01/31/2025</u> | <u>01/31/2035</u> | <u>Common Stock</u> | <u>15,000</u> | <u>8.86</u> | <u>D</u> | |

Explanation of Responses:

/s/ James Seo, Interim CFO 05/27/2025
** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.
* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).
** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.
Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.