

Registration No. 333-262250  
Registration No. 333-263745  
Registration No. 333-270151  
Registration No. 333-289015  
Registration No. 333-279118  
Registration No. 333-257989  
Registration No. 333-251657

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

**Post-Effective Amendment No. 1 to**  
**Form S-3 Registration Statement File No. 333-262250**  
**Form S-3 Registration Statement File No. 333-263745**  
**Form S-3 Registration Statement File No. 333-270151**  
**Form S-3 Registration Statement File No. 333-289015**

**Post-Effective Amendment No. 3 to**  
**Form S-3 Registration Statement File No. 333-279118**

**Post-Effective Amendment No. 2 to**  
**Form S-1 on Form S-3 Registration Statement File No. 333-257989**

**Post-Effective Amendment No. 4 to**  
**Form S-1 on Form S-3 Registration Statement File No. 333-251657**

*Under*  
*The Securities Act of 1933*

**Luminar Technologies, Inc.**

(Exact name of the registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of incorporation or organization)

**83-1804317**  
(I.R.S. Employer Identification No.)

**151 Gibraltar Court**  
**Sunnyvale, California 94089**  
**(800) 532-2417**  
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**Paul Ricci**  
**151 Gibraltar Court**  
**Sunnyvale, California 94089**  
(Name, address, including zip code, and telephone number, including area code, of agent for service)

*Copies to:*

Weil, Gotshal & Manges LLP  
767 5th Ave  
New York, NY 10153  
(212) 310-8000

**Approximate date of commencement of proposed sale to the public: This post-effective amendment is being filed to deregister the unsold securities previously registered under these Registration Statements.**

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box: ☐

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box: ☐

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. ☐

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box. ☐

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

Large accelerated filer  
Non-accelerated filer

☐ Accelerated filer  
☐ Smaller reporting company  
☒ Emerging growth company

☐  
☒  
☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of Securities Act. ☐

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## DEREGISTRATION OF UNSOLD SECURITIES

These Post-Effective Amendments (these “Post-Effective Amendments”), filed by Luminar Technologies, Inc. a Delaware corporation (the “Registrant”), relate to the following Registration Statements on Form S-3 previously filed by the Registrant (collectively, the “Registration Statements”) with the Securities and Exchange Commission (the “SEC”):

| <b>Registration No.</b> | <b><u>Date Originally Filed With the SEC</u></b> | <b><u>Number of Shares of Class A Common Stock Registered</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 333-251657              | 12/23/2020                                       | Originally up to 181,247,830 shares of Class A common stock and up to 19,999,975 shares of Class A common stock issuable upon exercise of warrants, and up to 6,666,666 warrants*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 333-257989              | 07/16/2021                                       | Originally up to 941,940 shares of Class A common stock*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 333-262250              | 01/20/2022                                       | Originally up to 7,650,900 shares of Class A common stock offered and sold from time to time by selling stockholders*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 333-263745              | 03/21/2022                                       | Originally up to 3,000,000 shares of Class A common stock offered and sold from time to time by selling stockholders*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 333-270151              | 03/01/2023                                       | Originally up to 3,818,749 shares of Class A common stock offered and sold from time to time by selling stockholders*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 333-279118              | 05/03/2024                                       | <ul style="list-style-type: none"> <li>• Up to \$209,000,000 shares of Class A common stock under the Registrant’s Equity Financing Program*</li> <li>• 40,000 Shares of Series A Convertible Preferred Stock of the Registrant, up to 10,800 Shares of Series A Convertible Preferred Stock issuable as dividends, up to 64,141,414 shares of Class A common stock issuable upon conversion of Series A Convertible Preferred Stock, and 505,051 shares of Class A common stock issued as commitment shares*</li> <li>• 1,600,000 shares of Class A common stock issued in payment to affiliate*</li> <li>• Up to \$100,000,000 of any combination of Registrant’s securities*</li> </ul> |
| 333-289015              | 07/29/2025                                       | Up to \$209,550,000 of Series A Convertible Preferred Stock of the Registrant, and shares of Class A common stock issuable upon conversion of such Series A Convertible Preferred Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

\* The number of shares of Class A common stock originally registered have not been adjusted to reflect the one-for-fifteen (1-for-15) reverse stock split that became effective on November 20, 2024.

In connection with filing for voluntary petitions for relief under chapter 11 of Title 11 of the United States Code in the United States Bankruptcy Court for the District of Delaware on December 15, 2025, the Registrant is terminating all offerings of its securities pursuant to existing registration statements under the Securities Act of 1933, including the Registration Statements.

Pursuant to the undertaking made by the Registrant in the Registration Statements to remove from registration by means of a post-effective amendment any of the securities that had been registered for issuance that remain unsold at the termination of the offering, the Registrant is filing these Post-Effective Amendments to terminate the effectiveness of each Registration Statement and to deregister, as of the effectiveness of these Post-Effective Amendments, any and all shares of Class A common stock or other securities registered thereunder that remain unsold as of the effectiveness date. As a result of this deregistration and upon the effectiveness of these Post-Effective Amendments, no securities will remain registered pursuant to the Registration Statements.

**SIGNATURE**

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused these Post-Effective Amendments to the Registration Statements to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Sunnyvale, State of California, on March 6, 2026.

**LUMINAR TECHNOLOGIES, INC.**

By: /s/ Alexander Fishkin

Name: Alexander Fishkin

Title: Chief Legal Officer

Note: No other person is required to sign these Post-Effective Amendment in reliance upon Rule 478 under the Securities Act of 1933.

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