

PROSPECTUS SUPPLEMENT NO. 4
(to Prospectus dated July 30, 2021)

LUMINAR

Luminar Technologies, Inc. Up to 941,940 Shares of Class A Common Stock

This prospectus supplement supplements the prospectus dated July 30, 2021 (the "Prospectus"), which forms a part of our registration statement on Form S-1 (No. 333-257989). This prospectus supplement is being filed to update and supplement the information in the Prospectus with the information contained in our Current Report on Form 8-K, filed with the Securities and Exchange Commission (the "SEC") on December 14, 2021 (the "Current Report"). Accordingly, we have attached the Current Report to this prospectus supplement.

The Prospectus and this prospectus supplement relates to the offer and sale from time to time by the selling stockholders (which term as used in this prospectus, includes their respective transferees, pledgees, distributees, donees, and successors-in-interest) named herein of up to 941,940 shares of our Class A common stock, par value \$0.0001 per share (the "Class A common stock"), which consist of (i) up to 450,000 shares of Class A common stock that will be issued in a private placement in connection with the closing of our acquisition of a certain engineering company pursuant to a Stock Purchase Agreement, dated as of July 9, 2021 by and among us, a certain engineering company, the stockholders of such company and a certain individual, solely in his capacity as the Seller Representative (the "Stock Purchase Agreement,"), (ii) up to 200,000 shares of Class A common stock that may be issued to the stockholders of such engineering company in a private placement contingent upon satisfaction of certain milestones pursuant to the Stock Purchase Agreement, and (iii) up to 291,940 shares of Class A common stock that will be issued in a private placement to pursuant to a certain engineering and manufacturing services arrangement.

The selling stockholders may offer, sell or distribute all or a portion of the securities hereby registered publicly or through private transactions at prevailing market prices or at negotiated prices. We will not receive any of the proceeds from such sales of the shares of Class A common stock. We will bear all costs, expenses and fees in connection with the registration of these securities, including with regard to compliance with state securities or "blue sky" laws. The selling stockholders will bear all commissions and discounts, if any, attributable to their sale of shares of Class A common stock. See "Plan of Distribution" beginning on page 135 of the Prospectus.

Our registration of the securities covered by the Prospectus does not mean that the selling stockholders will offer or sell any of the securities.

Our Class A common stock is listed on the Nasdaq Global Select Market under the symbol "LAZR". On December 14, 2021, the last reported sales price of our Class A common stock was \$15.08 per share.

We are an "emerging growth company" as defined in Section 2(a) of the Securities Act of 1933, as amended, and, as such, have elected to comply with certain reduced disclosure and regulatory requirements.

Investing in our securities involves risks. See "Risk Factors" beginning on page 6 of the Prospectus to read about factors you should consider before buying our securities.

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.

The date of this prospectus supplement is December 14, 2021.

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

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): December 14, 2021

LUMINAR TECHNOLOGIES, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-38791
(Commission
File Number)

83-1804317
(IRS Employer
Identification No.)

2603 Discovery Drive, Suite 100
Orlando, Florida 32826
(Address of principal executive offices, including zip code)
Registrant's telephone number, including area code: **(407) 900-5259**

N/A
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

Title of each class	Trading symbol	Name of each exchange on which registered
Class A Common Stock, par value of \$0.0001 per share	LAZR	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

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

Item 8.01. Other events.

On December 14, 2021, Luminar Technologies, Inc. (“Luminar”) announced the pricing of \$550.0 million aggregate principal amount of its 1.25% convertible senior notes due 2026 (the “notes”) in a private offering (the “offering”) to persons reasonably believed to be qualified institutional buyers pursuant to Rule 144A under the Securities Act of 1933, as amended (the “Securities Act”). The offering size was increased from the previously announced offering size of \$500.0 million aggregate principal amount of notes. In connection with the offering, Luminar also granted the initial purchasers of the notes a 13-day period to purchase up to an additional \$75.0 million aggregate principal amount of the notes. The sale of the notes is expected to close on December 17, 2021, subject to customary closing conditions.

Luminar estimates that the net proceeds from the offering will be approximately \$535.3 million (or approximately \$608.4 million if the initial purchasers exercise their option to purchase additional notes in full), after deducting the initial purchasers’ discount and estimated offering expenses payable by Luminar. Luminar intends to use a portion of the net proceeds from the offering for general corporate purposes that advance its growth strategy and to pay the cost of the capped call transactions described below. Luminar also intends to use a portion of the net proceeds to repurchase shares of its Class A common stock in an amount not to exceed \$275.0 million (or \$312.5 million if the initial purchasers exercise their option to purchase additional notes in full), including from certain purchasers of notes in privately negotiated transactions through one of the initial purchasers or its affiliate as Luminar’s agent, concurrently with or following the offering as well as through a variety of methods, which could include open market purchases, accelerated share repurchase transactions, 10b5-1 plans, other transactions that may be structured through investment banking institutions or a combination thereof. Luminar expects the purchase price per share of the Class A common stock repurchased from certain purchasers of notes in privately negotiated transactions will be \$15.08, the closing price per share of Luminar’s Class A common stock on December 14, 2021. These activities and Luminar’s repurchases of shares of its Class A common stock may cause an increase or avoid a decrease in the market price of its Class A common stock or the notes, and, to the extent the activity occurs during any observation period related to a conversion of notes, it could affect the amount and value of the consideration that noteholders will receive upon conversion of the notes.

The notes will be senior unsecured obligations of Luminar and will accrue interest payable semi-annually in arrears on June 15 and December 15 of each year, beginning on June 15, 2022, at a rate of 1.25% per year. The notes will mature on December 15, 2026, unless earlier converted, redeemed or repurchased. The initial conversion rate of the notes will be 50.0475 shares of Luminar’s Class A common stock per \$1,000 principal amount of such notes (equivalent to an initial conversion price of approximately \$19.98 per share). The initial conversion price of the notes represents a premium of approximately 32.5% over the last reported sale price of Luminar’s Class A common stock on the Nasdaq Global Select Market on December 14, 2021. The notes will be convertible under certain circumstances into cash, shares of Luminar’s Class A common stock or a combination thereof, at Luminar’s election.

The notes will be redeemable, in whole or in part (subject to certain limitations), at Luminar’s option at any time, and from time to time, on or after December 20, 2024, and on or before the 40th scheduled trading day immediately before the maturity date, at a cash redemption price equal to the principal amount of the notes to be redeemed, plus accrued and unpaid interest, if any, to, but excluding, the redemption date, but only if certain liquidity conditions are satisfied and the last reported sale price per share of Luminar’s Class A common stock exceeds 130% of the conversion price on (1) each of at least 20 trading days, whether or not consecutive, during the 30 consecutive trading days ending on, and including, the trading day immediately before the date Luminar sends the related redemption notice, and (2) the trading day immediately before the date Luminar sends such notice.

If Luminar undergoes a “fundamental change,” subject to certain conditions and limited exceptions, holders may require Luminar to repurchase for cash all or any portion of their notes at a repurchase price equal to 100% of the principal amount of the notes to be repurchased, plus accrued and unpaid interest to, but excluding, the fundamental change repurchase date. In addition, upon certain corporate events that occur prior to the maturity date of the notes or if Luminar delivers a notice of redemption in respect of some or all of the notes, it will, under certain circumstances, increase the conversion rate of the notes for holders who elect to convert their notes in connection with such a corporate event or convert their notes called for redemption during the related redemption period, as the case may be.

In connection with the pricing of the notes, Luminar entered into privately negotiated capped call transactions with an affiliate of one of the initial purchasers of the notes and certain other financial institutions (the “option counterparties”). The capped call transactions are expected generally to reduce the potential dilution to Luminar’s Class A common stock upon conversion of the notes and/or offset any cash payments Luminar is required to make in excess of the principal amount of converted notes, as the case may be, with such reduction and/or offset subject to a cap. The cap price of the capped call transactions will initially be \$30.1600 per share, which represents a premium of 100% over the last reported sale price of Luminar’s Class A common stock on December 14, 2021, and is subject to certain adjustments under the terms of the capped call transactions. Luminar intends to use approximately \$64.6 million of the net proceeds from the offering to pay the cost of the capped call transactions. If the initial purchasers

of the notes exercise their option to purchase additional notes, Luminar expects to enter into additional capped call transactions with the option counterparties.

Luminar has been advised that, in connection with establishing their initial hedges of the capped call transactions, the option counterparties and/or their respective affiliates expect to enter into various derivative transactions with respect to Luminar's Class A common stock and/or purchase shares of Luminar's Class A common stock concurrently with or shortly after the pricing of the notes. This activity could increase (or reduce the size of any decrease in) the market price of Luminar's Class A common stock or the notes at that time.

In addition, the option counterparties and/or their respective affiliates may modify their hedge positions by entering into or unwinding various derivatives with respect to Luminar's Class A common stock and/or purchasing or selling Luminar's Class A common stock or other securities of Luminar in secondary market transactions following the pricing of the notes and from time to time prior to the maturity of the notes (and are likely to do so following any conversion of the notes, any repurchase of the notes by Luminar on any fundamental change repurchase date, any redemption date or any other date on which the notes are retired by Luminar). This activity could also cause a decrease or avoid an increase in the market price of Luminar's Class A common stock or the notes, which could affect the ability of noteholders to convert the notes and, to the extent the activity occurs following conversion or during any observation period related to a conversion of notes, it could affect the amount and value of the consideration that noteholders will receive upon conversion of such notes.

The notes were and will be offered only to persons reasonably believed to be qualified institutional buyers pursuant to Rule 144A under the Securities Act. Neither the notes, nor any shares of Luminar's Class A common stock issuable upon conversion of the notes, have been registered under the Securities Act or the securities laws of any other jurisdiction, and unless so registered, may not be offered or sold in the United States absent registration or an applicable exemption from, or in a transaction not subject to, the registration requirements of the Securities Act and other applicable securities laws.

Neither this Current Report nor this announcement constitutes (x) an offer to sell, or the solicitation of an offer to buy, any of these securities or (y) an offer, solicitation or sale in any jurisdiction in which such offer, solicitation or sale is unlawful.

Forward-Looking Statements

Certain statements included in this Current Report that are not historical facts are forward-looking statements for purposes of the safe harbor provisions under the Private Securities Litigation Reform Act of 1995. Forward-looking statements generally are accompanied by words such as "aims", "believe," "may," "will," "estimate," "set," "continue," "towards," "anticipate," "intend," "expect," "should," "would," "forward," and similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements include, but are not limited to, statements regarding the completion and timing of the closing of the offering of the notes, the share repurchases and the capped call transactions, and the anticipated use of proceeds from the offering. These statements are based on various assumptions, whether or not identified in this Current Report, and on the current expectations of Luminar's management and are not predictions of actual performance. Forward-looking statements are subject to a number of risks and uncertainties, including but not limited to whether we will consummate the offering of notes on the expected terms or at all, which could differ or change based upon market conditions or for other reasons, that could cause actual results to differ materially from the forward-looking statements including the risks discussed under the heading "Risk Factors" in the Annual Report on Form 10-K filed by Luminar on April 14, 2021, and other documents Luminar files with the Securities and Exchange Commission in the future. You are cautioned not to place undue reliance upon any forward-looking statements, which speak only as of the date made and Luminar undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date of this Current Report.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Luminar Technologies, Inc.

Date: December 14, 2021

By: /s/ Thomas J. Fennimore

Name: Thomas J. Fennimore

Title: Chief Financial Officer