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## Section 1: S-8 (S-8)

As filed with the Securities and Exchange Commission on February 21, 2017

Registration No. 333-

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### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM S-8 REGISTRATION STATEMENT

*UNDER  
THE SECURITIES ACT OF 1933*

## LIMELIGHT NETWORKS, INC.

(Exact name of Registrant as specified in its charter)

Delaware

(State or other jurisdiction of  
incorporation or organization)

20-1677033

(I.R.S. Employer  
Identification Number)

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222 South Mill Avenue, 8th Floor  
Tempe, Arizona 85281  
(602) 850-5000

(Address, including zip code, and telephone number, including area code, of principal executive offices)

### AMENDED AND RESTATED 2007 EQUITY INCENTIVE PLAN

(Full title of the plan)

Robert A. Lento  
President, Chief Executive Officer and Director  
Limelight Networks, Inc.  
222 South Mill Avenue, 8th Floor  
Tempe, Arizona 85281  
(602) 850-5000

(Name, address and telephone number, including area code, of agent for service)

#### *Copy to:*

Andrew Hill  
Goodwin Procter LLP  
135 Commonwealth Drive  
Menlo Park, California 94025  
(650) 752-3100

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

Large accelerated filer

Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company)

Smaller Reporting Company

### CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered(1)	Proposed Maximum Offering Price Per Share	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Common Stock, \$0.001 par value per share, to be issued under the Amended and Restated 2007 Equity Incentive Plan	4,282,343(2)	\$2.39(3)	\$ 10,234,800(3)	\$1,186.21

- (1) Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of the Registrant's Common Stock that become issuable under the Registrant's Amended and Restated 2007 Equity Incentive Plan by reason of any stock dividend, stock split, recapitalization or any similar transaction effected without the Registrant's receipt of consideration.
- (2) Represents an additional 4,282,343 shares of Common Stock available for issuance under the Registrant's Amended and Restated 2007 Equity Incentive Plan as a result of provisions in the Registrant's Amended and Restated 2007 Equity Incentive Plan that allow for the automatic annual increase of Common Stock available for issuance under such plan.
- (3) Estimated in accordance with Rule 457(c) and (h) of the Securities Act solely for the purpose of calculating the registration fee, based upon \$2.39, the average of the high and low prices of the Registrant's Common Stock on February 17, 2017, as reported on the NASDAQ Global Select Market.

**REGISTRATION OF ADDITIONAL SECURITIES  
PURSUANT TO GENERAL INSTRUCTION E**

This Registration Statement registers additional shares of Common Stock of Limelight Networks, Inc. (the “Registrant”) to be issued pursuant to the Registrant’s Amended and Restated 2007 Equity Incentive Plan. Accordingly, the contents of the previous Registration Statements on Form S-8 filed by the Registrant with the Securities and Exchange Commission (the “Commission”) on December 4, 2007 (File No. 333-147830), May 11, 2009 (File No. 333-159132), March 12, 2010 (File No. 333-165436), September 9, 2011 (File No. 333-176760), May 9, 2012 (File No. 333-181280), March 5, 2013 (File No. 333-187052), February 26, 2014 (File No. 333-194143), February 18, 2015 (File No. 333-202144), and February 16, 2016 (File No. 333-209537) are incorporated by reference in this Registration Statement pursuant to General Instruction E of Form S-8.

**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

The following documents, which have been filed by the Registrant with the Commission, are hereby incorporated by reference in this Registration Statement (other than portions of these documents that are furnished under applicable Commission rules rather than filed and exhibits furnished in connection with such items):

- (a) The Registrant’s Annual Report on Form 10-K for the year ended December 31, 2016 (the “Annual Report”), as filed with the Commission on February 17, 2017, as amended by Amendment No. 1 thereto filed on Form 10-K/A with the Commission on February 21, 2017;
- (b) All other reports filed by the Registrant pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) since the end of the fiscal year covered by the Annual Report; and
- (c) The description of the Registrant’s Common Stock contained in the Registrant’s Registration Statement on Form 8-A (File No. 001-33508), as filed with the Commission on May 30, 2007 pursuant to Section 12(b) of the Exchange Act and as declared effective on June 7, 2007, including any amendment or report filed for the purpose of updating such description.

All documents filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act on or after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement that indicates that all securities offered have been sold or that deregisters all securities then remaining unsold shall be deemed to be incorporated by reference in this Registration Statement and to be part hereof from the date of filing of such documents; *provided, however*, that documents or information deemed to have been furnished and not filed in accordance with the rules of the Commission shall not be deemed incorporated by reference in this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 8. Exhibits.**

<b>Exhibit Number</b>	<b>Description</b>
4.1*	Specimen Common Stock certificate of the Registrant
4.2**	Amended and Restated 2007 Equity Incentive Plan and form of agreement thereunder
5.1	Opinion of Goodwin Procter LLP
23.1	Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm
23.2	Consent of Goodwin Procter LLP (contained in Exhibit 5.1 hereto)
24.1	Power of Attorney (contained on signature page hereto)

\* Incorporated by reference to exhibits filed with the Registrant’s Registration Statement on Form S-1, as amended (Registration No. 333-141516), as declared effective on June 7, 2007.

\*\* Incorporated by reference to exhibits filed with the Registrant’s Quarterly Report on Form 10-Q (Registration No. 001-33508), as filed on October 27, 2016.

## SIGNATURES

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-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Tempe, State of Arizona, on this 21st day of February, 2017.

LIMELIGHT NETWORKS, INC.

By: /s/ Robert A. Lento  
Robert A. Lento  
President, Chief Executive Officer and Director

## POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Robert A. Lento and Sajid Malhotra, jointly and severally, as his attorneys-in-fact, with full power of substitution in each, for him in any and all capacities to sign any amendments to this Registration Statement on Form S-8, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that each of said attorneys-in-fact, or his substitutes, may do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
<u>/s/ Robert A. Lento</u> Robert A. Lento	President, Chief Executive Officer and Director (Principal Executive Officer)	February 21, 2017
<u>/s/ Sajid Malhotra</u> Sajid Malhotra	Chief Financial Officer (Principal Financial Officer)	February 21, 2017
<u>/s/ Daniel R. Boncel</u> Daniel R. Boncel	Vice President, Finance (Principal Accounting Officer)	February 21, 2017
<u>/s/ Walter D. Amaral</u> Walter D. Amaral	Non-Executive Chairman of the Board and Director	February 21, 2017
<u>/s/ Jeffrey T. Fisher</u> Jeffrey T. Fisher	Director	February 21, 2017
<u>/s/ Joseph H. Gleberman</u> Joseph H. Gleberman	Director	February 21, 2017
<u>/s/ Mark Midle</u> Mark Midle	Director	February 21, 2017
<u>/s/ David C. Peterschmidt</u> David C. Peterschmidt	Director	February 21, 2017

## INDEX TO EXHIBITS

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## Section 2: EX-5.1 (EXHIBIT 5.1)

**Exhibit 5.1**

February 21, 2017

Limelight Networks, Inc.  
222 South Mill Avenue, 8th Floor  
Tempe, Arizona 85281

**Re: Registration Statement on Form S-8**

Ladies and Gentlemen:

We have acted as counsel to you in connection with your filing of a Registration Statement on Form S-8 (the "Registration Statement") pursuant to the Securities Act of 1933, as amended (the "Securities Act"), on or about the date hereof relating to 4,282,343 shares (the "Shares") of Common Stock, \$0.001 par value per share (the "Common Stock"), of Limelight Networks, Inc., a Delaware corporation (the "Company"), that may be issued pursuant to the Company's Amended and Restated 2007 Equity Incentive Plan (the "Plan").

We have reviewed such documents and made such examination of law as we have deemed appropriate to give the opinions set forth below. We have relied, without independent verification, on certificates of public officials and, as to matters of fact material to the opinion set forth below, on certificates of officers of the Company.

The opinion set forth below is limited to the Delaware General Corporation Law (which includes reported judicial decisions interpreting the Delaware General Corporation Law).

For purposes of the opinion set forth below, we have assumed that a sufficient number of authorized but unissued shares of Common Stock will be available for issuance when the Shares are issued.

Based on the foregoing, we are of the opinion that the Shares have been duly authorized and, upon issuance and delivery against payment therefor in accordance with the terms of the Plan, will be validly issued, fully paid and nonassessable.

We hereby consent to the inclusion of this opinion as Exhibit 5.1 to the Registration Statement. In giving our consent, we do not admit

that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

GOODWIN PROCTER LLP

/s/ GOODWIN PROCTER LLP

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## **Section 3: EX-23.1 (EXHIBIT 23.1)**

**Exhibit 23.1**

### **Consent of Independent Registered Public Accounting Firm**

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Amended and Restated 2007 Equity Incentive Plan of Limelight Networks, Inc. of our reports dated February 17, 2017, with respect to the consolidated financial statements and schedule of Limelight Networks, Inc., and the effectiveness of internal control over financial reporting of Limelight Networks, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2016, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Phoenix, Arizona  
February 17, 2017

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