

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

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**FORM 8-A**

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934

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**LUNA INNOVATIONS INCORPORATED**

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(Exact name of registrant as specified in its charter)

**Delaware**

(State of incorporation or organization)

**54-1560050**

(I.R.S. Employer Identification No.)

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**10 South Jefferson Street, Suite 130, Roanoke, Virginia 24011**

(Address of principal executive offices)

Securities to be registered pursuant to Section 12(b) of the Act: None

Title of each class  
to be so registered

Name of each exchange on which  
Each class is to be registered

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If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates: **333-131764**

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

**Common Stock, \$0.001 par value per share**

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(Title of Class)

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## **Item 1. Description of Registrant's Securities to be Registered**

Luna Innovations Incorporated (the "Registrant") hereby incorporates by reference the description of its Common Stock to be registered hereunder contained under the heading "Description of Capital Stock" in Registrant's Registration Statement on Form S-1 (File No. 333-131764), as originally filed with the Securities and Exchange Commission (the "Commission") on February 10, 2006 or subsequently amended (the "Registration Statement"), and in the prospectus included in the Registration Statement to be filed separately by Registrant with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended.

## **Item 2. Exhibits**

The following exhibits are filed herewith or incorporated by reference herein as indicated below:

- 3.2\* Form of Amended and Restated Certificate of Incorporation of the Registrant to be in effective upon the closing of the offering.
- 3.4\* Form of Amended and Restated Bylaws of the Registrant to be in effective upon the closing of the offering.
- 4.1\* Specimen Common Stock certificate of the Registrant.

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\* Incorporated by reference to the identically numbered exhibit to the Registration Statement on Form S-1 of Luna Innovations Incorporated filed on February 10, 2006, as amended (File No. 333-131764).

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: May 17, 2006

LUNA INNOVATIONS INCORPORATED

By: /s/ Aaron S. Hullman

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Aaron S. Hullman

Vice President and General Counsel

## EXHIBIT INDEX

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