# SECURITIES AND EXCHANGE COMMISSION
# Washington, D.C. 20549

## SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

**(Amendment No. 4)***

**GENELUX CORP**

**(Name of Issuer)**

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

**(Title of Class of Securities)**

**(CUSIP Number)**

**09/30/2026**

**(Date of Event Which Requires Filing of this Statement)**

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)
- ☐ Rule 13d-1(c)
- ☑ Rule 13d-1(d)

SCHEDULE 13G

**CUSIP No.**

| | |
|---|---|
| 1 | Names of Reporting Persons<br>Aladar Szalay |
| 2 | Check the appropriate box if a member of a Group (see instructions)<br>☐ (a)<br>☐ (b) |
| 3 | Sec Use Only |
| 4 | Citizenship or Place of Organization<br>UNITED STATES |

| | | |
|---|---|---|
| Number of Shares Beneficially Owned by Each Reporting Person With: | 5 | Sole Voting Power<br>1,149,821.00 |
| | 6 | Shared Voting Power<br>1,684,644.00 |
| | 7 | Sole Dispositive Power<br>1,149,821.00 |
| | 8 | Shared Dispositive Power<br>1,684,644.00 |
| 9 | | Aggregate Amount Beneficially Owned by Each Reporting Person<br>2,834,465.00 |
| 10 | | Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)<br>☐ |
| 11 | | Percent of class represented by amount in row (9)<br>6.2 % |
| 12 | | Type of Reporting Person (See Instructions)<br>IN |

SCHEDULE 13G

Item 1.

(a) Name of issuer:
GENELUX CORP

(b) Address of issuer's principal executive offices:
2625 TOWNSGATE ROAD, SUITE 230, WESTLAKE VILLAGE, CA, 91361.

Item 2.

(a) Name of person filing:
Aladar Szalay

(b) Address or principal business office or, if none, residence:
7704 North Fork Rd., Highland, CA 92346

(c) Citizenship:
United States

(d) Title of class of securities:
Common Stock, par value $0.001 per share

(e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
(b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
(c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
(d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
(e) ☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
(g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

(a) See Row 9 of cover page. Consists of (i) 599,821 shares of common stock held by The Szalay 2010 Retained Annuity Trust, (ii) 550,000 shares of common stock held by The Szalay 2010 Children's Trust, for which the reporting person has sole voting and dispositive power, (iii) 5,000 shares of common stock held by the reporting person's spouse and (iv) 1,679,644 held by Szalay Trust Dated August 30th 2021, for which the reporting person has shared voting and dispositive power.

Percent of class:

(b) See Row 11 of cover page. This percentage is calculated based on 45,245,335 shares of common stock outstanding as of August 11, 2026, as reported in Genelux Corporation's Form 10-Q, filed with the Securities and Exchange Commission on August 13, 2026. %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

See Row 5 of cover page for the Reporting Person. Consists of (i) 599,821 shares of common stock held by The Szalay 2010 Retained Annuity Trust and (ii) 550,000 shares of common stock held by The Szalay 2010 Children's Trust, for which the reporting person has sole voting and dispositive power.

(ii) Shared power to vote or to direct the vote:

See Row 6 of cover page for the Reporting Person. Consists of 5,000 shares of common stock held by the reporting person's spouse and 1,679,644 held by Szalay Trust Dated August 30th 2021, for which the reporting person has shared voting and dispositive power.

(iii) Sole power to dispose or to direct the disposition of:

See Row 7 of cover page for the Reporting Person. Consists of (i) 599,821 shares of common stock held by The Szalay 2010 Retained Annuity Trust and (ii) 550,000 shares of common stock held by The Szalay 2010 Children's Trust, for which the reporting person has sole voting and dispositive power.

(iv) Shared power to dispose or to direct the disposition of:

See Row 8 of cover page for the Reporting Person. Consists of 5,000 shares of common stock held by the reporting person's spouse and 1,679,644 held by Szalay Trust Dated August 30th 2021, for which the reporting person has shared voting and dispositive power.

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

Not Applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in

this statement is true, complete and correct.

Aladar Szalay

Signature: /s/ Aladar Szalay
Name/Title: Aladar Szalay
Date: 11/04/2026