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

Form 6-K

Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
under the Securities Exchange Act of 1934

For the month of December 2023

Commission file number: 001-41334

RAIL VISION LTD.

(Translation of registrant's name into English)

**15 Ha'Tidhar St
Ra'anana, 4366517 Israel**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

CONTENTS

Rail Vision Ltd. (the “Company”) is in a process of reducing its operational costs and a reduction in force. The Company expects the resource adjustment to result in a significant reduction in fixed costs, including salaries and professional services. On December 18, 2023, the Company undertook a reduction in the Company’s employee base by 12 employees representing approximately 20% of the Company’s workforce. The Company will continue to evaluate its needed resources on an ongoing basis.

This Report is incorporated by reference into the Registrant’s Registration Statements on Form F-3 (File Nos. [333-271068](#) and [333-272933](#)) and Form S-8 (Registration No. [333-265968](#)), filed with the Securities and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

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, thereunto duly authorized.

Date: December 18, 2023

Rail Vision Ltd.

By: /s/ Ofer Naveh

Name: Ofer Naveh

Title: Chief Financial Officer