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(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 x Form 40-F "

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes "No x

On August 6, 2015, Mobileye N.V. issued a press release announcing its earnings for the second quarter of 2015 ended June 30, 2015.

A copy of the press release therefor is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Exhibit No. Description of Exhibit

99.1 Press release dated August 6, 2015

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.

Dated: August 6, 2015

MOBILEYE N.V.

By:/s/ Ofer Maharshak Ofer Maharshak Chief Financial Officer