




TEST REPORT

Test Report No.: 910630-01/01

Issued: 4. 3. 2019

Name of product: Fixed general purpose luminaire, Road luminaire
Type of product: AVENIDA LENS LED
Model: 130272.3L132.071
Ratings: 220-240 V, 50-60 Hz, 49 W, IP 66, class II
Serial number: -
Manufacturer: LUG Light Factory Sp. z o.o.
ul. Gorzowska 11, 65-127 Zielona Góra,
Republic of Poland
Production site: LUG Light Factory Sp. z o.o.,
ul. Gorzowska 11, 65-127 Zielona Góra,
Republic of Poland
Ordering firm: LUG Light Factory Sp. z o.o.
ul. Gorzowska 11, 65-127 Zielona Góra,
Republic of Poland
Number of tested samples: 1
Samples submitted on: 1. 3. 2019
Location of testing: Elektrotechnický zkušební ústav, s. p.
Tests performed from 1. 3. 2019 through 1. 3. 2019
Other data: -
Tested according to: EN 62262:2002 (idt. IEC 62262:2002),
EN 60068-2-75:2014 (idt. IEC 60068-2-75:2014)


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Approved by: Jiří Bažant
Testing laboratory technical manager

No. of pages: 4

No. of annexes: 0

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Test results stated in the test report apply only to the tested subject and unless specified otherwise in the test report, the tests were performed using the method and under the conditions determined in the test regulations, technical norm, instructions for use and information provided by the manufacturer on the tested subject and using accessories required by the manufacturer.
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1. Specimen description

Fixed general purpose luminaire, Road luminaire AVENIDA LENS LED, model 130272.3L132.071 was provided for testing.



Fig. 1 - the luminaire

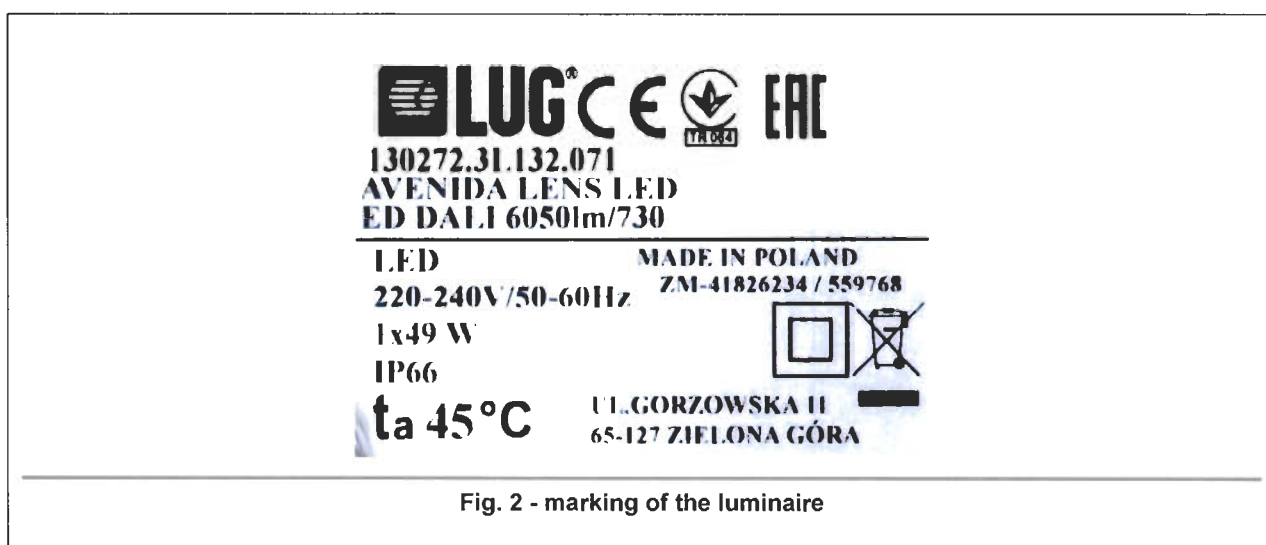


Fig. 2 - marking of the luminaire

2. Testing

2.1 Tests of protection against external mechanical impacts - IK10

according to EN 62262:2002 (idt. IEC 62262:2002)

2.1.1 Vertical hammer test

according to EN 62262:2002 (idt. IEC 62262:2002)

EN 60068-2-75:2014 (idt. IEC 60068-2-75:2014), cl. 4, tab. 1 and tab. 2

Test apparatus:

striking element for IK10 (D = 100 mm, R = 50 mm)
guideway tube with internal diameter of 103 mm
gauge, cal. No. N400013

Test parameters:

energy of impact: 20 J
combined mass of striking element: 5,013 kg
equivalent mass: 5,013 kg
height of fall: 399 mm
number of impacts: 3 on every surface
testing: see Fig. 3

Findings:

During the test, no substantial damage to the specimen occurred.

passed

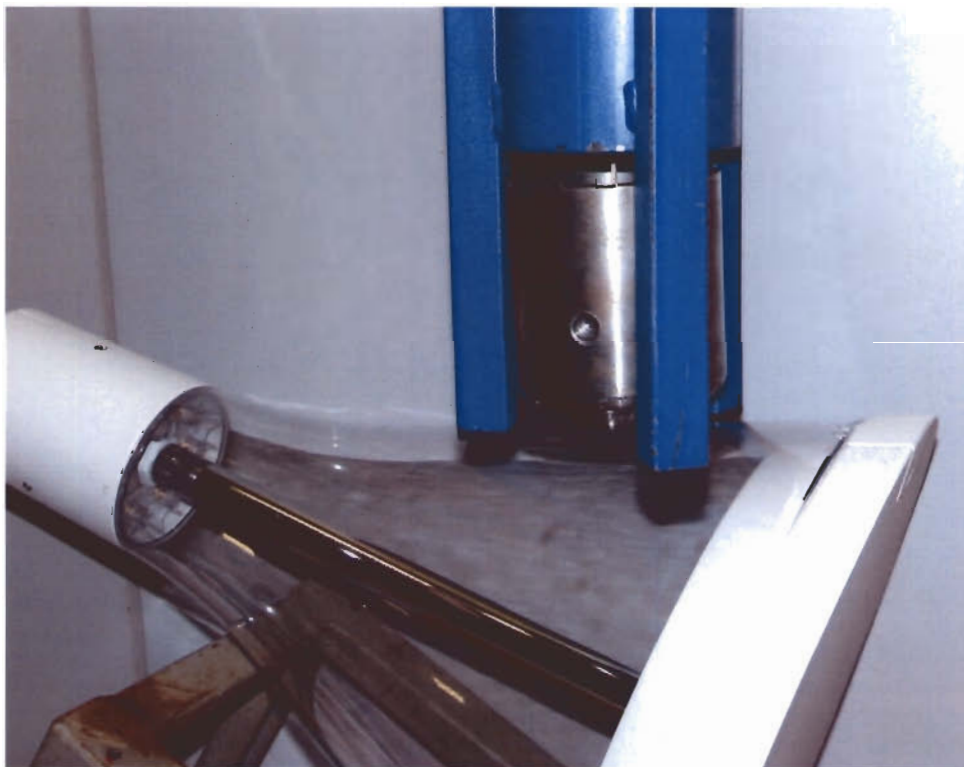


Fig. 3 - vertical hammer test

3. Test result

The submitted specimens

Fixed general purpose luminaire, Road luminaire AVENIDA LENS LED, model 130272.3L132.071,
satisfies

conditions for protection against external mechanical impacts IK10 according to EN 62262:2002 (idt. IEC 62262:2002).



Tested by: J. Šašek

end of Test Report

