



Electromotor-Service S.R.L.  
IDNO: 1013600026562  
MD2002, str. Padurii 21/2, or. Chisinau,  
Republica Moldova  
Email: info@electromotor.md  
Telefon: +373 (60) 97 18 88

## TEST REPORT

for the degree of protection against external mechanical influences IK08

**Sample name** – LED SMD street light

**Model:** LENS2

**Power:** 30-50 W

**Sample received date:** Jul. 28, 2017

**Testing period:** From Jul. 28, 2017 to Aug. 05, 2017

### Test Condition:

- 1) Ambient temperature – 24,2 °C;
- 2) Relative humidity – 53% RH;
- 3) The sample is placed on the ground;
- 4) The energy of the impact test specimens – 5J;
- 5) Striker material - steel2;
- 6) Striker weight - 1,7 kg;
- 7) The impact point is uniformly distributed on the sample;
- 8) Check the samples after the test.

### Test Equipment:

IK Impact Tester;  
Pendulum hammer;  
Free fall hammer;

### Test Result:

Test for – IK08 – satisfactory;  
Basic criteria - No cracks on the sample – satisfactory;  
Test result - after the test, no damage was noticed.

### Protected in accordance with the standards:

R100 Rockwell hardness according to ISO 2039/2;  
Fc 490-2, Rockwell method according to ISO 1052.



Tony Qian  
Approved Signatory  
Aug. 05, 2017