

# Test Report

Product Name : LED STREET LIGHT  
Applicant : Changzhou Gaorui Electric CO.,LTD  
Report No. : EY191113003RE

Testing Laboratory Name : EMTEK(Guangzhou) Co.,Ltd.  
Address : 1/F&4/F, Building A, No.38, Nanxiang 3rd Road, Sciencetech  
Park, Guangzhou,Guangdong,China

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**Applicant** : Changzhou Gaorui Electric CO.,LTD  
**Address** : NO.131,Houlu Road,Niutang Town,Wujin District,Changzhou,China.

**Product** : LED STREET LIGHT

**Model** : GL1113-100W

**Material** : /

**Quantity** : 1 pc

**Date of receipt of test item** : Nov. 13, 2019

**Testing Period** : Nov. 14, 2019

## Summary of testing

No.	Test Item	Standard	Conclusion
1	IK10	IEC 62262:2002	Pass

### Remark:

Pass: Test item meet the requirement;

Fail: Test item does not meet the requirement;

N/A: Test case does not apply to the test object, or provide test results only.

Tested by: Kell Zhu  
Kell. Zhu  
Test engineer

Reviewed by: Zuo Luo  
Zuo Luo  
Audit director

Signed for and on behalf of  
EMTEK(Guangzhou) Co.,Ltd.

Approved by: Lewis Lian  
Lewis. Lian \*  
Authorized signatory  
Nov. 15, 2019



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## Sample information:

No.	Sample Name	Sample Model	Test Status
1	LED STREET LIGHT	SL1-8-100W	Main test
		GR1113-30W; GR1113-50W; GR1113-60W; GR1113-80W; GR1113-90W; GR1113-100W; GR1113-120W; GR1113-150W; GR1113-180W; GR1113-200W; GR1113-240W; GR1126A-30W; GR1126A-40W; GR1126A-50W; GR1126A-60W; GR1126A-80W; GR1126A-90W; GR1126A-100W; GR1126A-120W; GR1126A-150W; GR1126A-180W;	/

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**1. Test Item: IK10**

**1.1 Sample No.:** EY191113003R-1-1

**1.2 Test Instrument:**

Instrument Name	Model	Internal Code	Calibration Exp.
Drop hammer test equipment	GR1113	ER-278	2020.06.26

**1.3 Laboratory Conditions:** Temperature: 25.3℃; Humidity: 60%RH

**1.4 Test Standard:** IEC 62262:2002

**1.5 Test Method and Conditions:**

Table: Relation between IK code and impact energy											
IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy (J)	0	0.14	0.2	0.35	0.5	0.7	1	2	5	10	20
Remark: A characteristic group numeral of two figures has been chosen to avoid confusion with some national standards which used a single numeral for a specific impact energy.											

**1.6 Evaluation Criteria:** After the test, the appearance of the sample did not break.

**1.7 Test Result(s):**

Sample No.	Description	Judgment
EY191113003R-1-1	After the test, the appearance of the sample did not break.	Pass

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