

# IK09 TEST REPORT

**Issued By: Dongguan New Testing Centre Co., Ltd**

**Add: 3F, No. 1 the 1st North Industry Road, Songshan Lake Science & Technology Park, Dongguan, Guangdong, China, 523808.**

**Tel: 86-769-22212079**

**http: //www.ntc-cert.com**

**E-mail: dave@ntc-cert.com**



## **Marking:**

1. The test report is invalid without the official stamp of test center.
2. Nobody is allowed to photocopy or partly photocopy this test report without written permission of test center.
3. The test report is invalid without the signatures of approver, reviewer and testing engineer.
4. The test report is invalid if altered.
5. Objections to the test report must be submitted to NTC within 15 days.
6. The test report is valid for the tested samples only.
7. As for test verdict, “—”means is “no need for judgment” “N/A” means is “not applicable”, “P” mean “pass”, “F” means “fail”.

**Applicant** : ENERGYLED ELECTRONICS CORPORATION  
**Address** : (Zone 22) Guiyuan Rd. North, Jixi Rd. West, Duanzhou District, Zhaoqing City, Guangdong Province China  
**Manufacturer's name** : ENERGYLED ELECTRONICS CORPORATION  
**Address** : (Zone 22) Guiyuan Rd. North, Jixi Rd. West, Duanzhou District, Zhaoqing City, Guangdong Province China  
**Trade Mark** :  Energyled

**Report on the submitted sample(s) said to be:**

**Sample Name** : LED Street Light  
BA0DXGSWC0017, BA0BXGSWC0017,  
**Model** : BA0CXGSWC0017, BA0GXGSWC0017,  
"X" may be 00-99 to represent LED color temperature;  
(Please refer to page 2 of this report)  
**Other information** : All models have similar structures, so choose the largest size of the model  
BA0GXGSWC0017 for tested.  
**Sample(s) received Date** : Jul.08, 2019  
**Testing period** : Jul. 08, 2019 to Jul. 24, 2019

**Test Result:**

Please refer to the next pages

**Test Conclusion:**

Section No.	Test Name	Test Method	Evaluation
1	IK09	IEC62262: 2002	P

Approved by:

Prepared by:



Name: Neil Zhong  
Title: LAB Manager





Name: Jack Zhang  
Title: Engineer

**General product information and summary of test:**

1. All models are supplied by approved non isolated LED drivers.
2. All models are the identical electrical, mechanical construction, except LED driver type and LED quantities are different.
3. Model list:

<b>Model</b>	<b>Input Ratings</b>	<b>LED Driver Model No.</b>	<b>LED Driver Ratings</b>
BA0DXGSWC0017	100-240V~, 50/60Hz, 100W	HLG-100H-3 6AB	Input: 100~240V, 50/60Hz,1.2A Output: 36Vdc, 2.65A
BA0BXGSWC0017	100-240V~, 50/60Hz, 150W	HLG-185H-3 6AB	Input: 100~240V, 50/60Hz,2.1A Output: 36Vdc, 5.2A
BA0CXGSWC0017	100-240V~, 50/60Hz, 200W	HLG-185H-3 6AB	Input: 100~240V, 50/60Hz,2.1A Output: 36Vdc, 5.2A
BA0GXGSWC0017	100-240V~, 50/60Hz, 300W	HLG-320H-3 6AB	Input: 100~240V, 50/60Hz,3.5A Output: 36Vdc, 8.9A

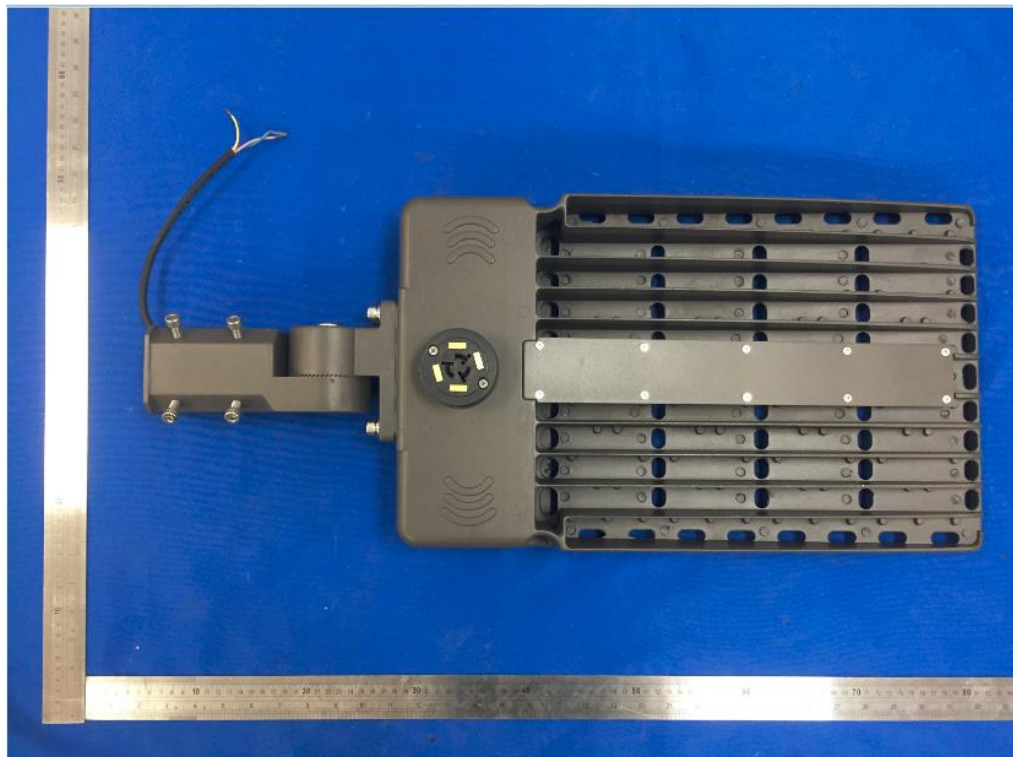
4. All tests were tested on model BA0GXGSWC0017.

<b>Test Item</b>				
<b>Test Method</b>	IEC 62262:2002			
<b>Test Condition</b>	<p><b>The test remark and the matters needing attention:</b></p> <p>--- The sample is placed on the ground, Begin the impact test from a height of 200 mm using the drop ball 5 kg, The energy of impact test specimens for 10J;</p> <p>--- The impact of 5 points evenly distributed in the sample, in the left, right, and each point of a shock;</p> <p>--- Check the sample after the test.</p>			
<b>Test Equipment</b>	<b>Equipment Name</b>	<b>Equipment No.</b>	<b>Model</b>	<b>Validity Period</b>
	IK impact tester	TTS-YQ-172	FZ-7812A	2020.04.10
<b>Test Result</b>	<b>Sample No.</b>	<b>Requirement</b>	<b>Test Result</b>	<b>Conclusion</b>
	19070801#1	No crack on the sample	No crack on the sample	P
<b>Test Photos</b>				



Picture 1: front view (Model: BA0GXGSWC0017)

**Sample  
Photos**



Picture 2: Back view (Model: BA0GXGSWC0017)

**\*\*\*End of Report\*\*\***