

# Test Report

Report No. : AOC250515003S

Page 1 of 4

**Applicant's Name** : Shenzhen Huadian Lighting Co.,LTD  
**Address** : 2F, Building A, Jinkaijin Industrial Park, Shilongzai, Industrial Area, Shuitian, Shiyan Town, Bao'an District, 518108 Shenzhen, Guangdong, P.R.CHINA

## Information:

**Test Item Description** : LED Street Light  
**Model/Type Reference** : HD-SL07-30W, HD-SL07-40W, HD-SL07-50W, HD-SL07-60W, HD-SL07-70W, HD-SL07-80W, HD-SL07-90W, HD-SL07-100W, HD-SL07-110W, HD-SL07-120W, HD-SL07-130W, HD-SL07-140W, HD-SL07-150W, HD-SL07-160W, HD-SL07-170W, HD-SL07-180W, HD-SL07-200W, HD-SL07-220W, HD-SL07-240W, HD-SL07-260W, HD-SL07-280W  
**Ratings** : AC 100-240V, 50/60Hz, 240W  
**Test items** : Salt spray test  
**Sample status** : Intact  
**Number of tested samples** : 1  
**Manufacturer** : Shenzhen Huadian Lighting Co.,LTD  
  
**Date of receipt of test sample** : May 6, 2025  
**Date of Test** : May 6, 2025 - May 12, 2025  
**Testing requirements** : Tests are conducted in accordance with the ASTM G85 standard.  
**Remarks** : The tested samples are sent by the customer, and the sample information is provided by the customer.

## Test result: Pass

Compiled by:

Wangyang Ye

Approved by:

Bill Hu

Supervised by:

zma

Dated:

May 12, 2025

Shenzhen AOCE Electronic Technology Service Co., Ltd.

Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China

# Test Report

Report No. : AOC250515003S

Page 2 of 4

## 1. Salt spray test

### 1.1 Test conditions

- a) Test temperature:  $(35 \pm 2) ^\circ\text{C}$
- b) Concentration of salt spray solution:  $(5 \pm 1) \%$  (Mass fraction)
- c) pH value of salt spray solution: 6.5-7.2
- d) Salt spray deposition rate:  $1.0\text{mL}/(\text{h} \cdot 80\text{cm}^2) \sim 2.0\text{mL}/(\text{h} \cdot 80\text{cm}^2)$

1.2 Open the salt spray aging chamber. After meeting the specified test conditions, put the samples into the test and start calculating the test time.

1.3 The test was exposed within the effective working area of the salt spray aging chamber, and at the same time, attention was paid to avoiding the formation of liquid accumulation on the surface of the sample. The specimens should not overlap or come into contact with each other, and the spacing between them should not be less than 5mm. The distance between the sample and the box wall should not be less than 70mm.

1.4 After the specified test time is reached, take the samples out of the salt spray aging chamber and clean the salt stains and other impurities on the surface of the samples with distilled water or deionized water.

### 3.5 Test result

Sample Number	Test time (h)	Observation result	result
HD-SL07-240W	24	The rubber shows no aging, the surface has no cracking, and the metal parts have no rust or yellow spots.	Pass

# Test Report

Report No. : AOC250515003S

Page 3 of 4

## PHOTOS



Fig.1



Fig.2

# Test Report

Report No. : AOC250515003S

Page 4 of 4



Fig.3



Fig.4

\*\*\* THE END OF REPORT \*\*\*

The test report is invalid without the signature of the approver and the "report seal". The test results of this report are only responsible for the tested samples. This report may not be partially copied without the written consent of AOCE.