

Photo of the Submitted Sample



Before testing

During testing

During testing

After testing

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Test Result(s):

1.1 Test sample:

Test No.	Sample name	Sample model	Sample quantity	Sample state
C190813002001-1	Foldable All-In-One Solar Street Light	/	5 piece	Normal

1.2 The lab environment temperature and humidity:

Temperature	23°C±2°C
Humidity	50% RH±5% RH

1.3 Test Instrument:

Instrument name	Flow-type Salt Spray Test Chamber
Instrument No.	CE-044
Number of calibration	ZS1914430X
Date of calibration	2019-04-05

1.4 Test item order:

No.	Test item	Test standard/method	Judgment standard
1	Neutral Salt Spray(NSS) Test	With reference to ISO 9227-2017	ISO 9277-2017

1.5 Test condition:

Sodium chloride concentration:	5%
pH value:	6.5 (NSS)
Chamber temperature:	37°C
Pressure temperature:	47°C
Relative humidity:	85%RH
Steam spray pressure:	1.0kgf/cm ²
Average collection rate for a horizontal:	1.3ml/80 cm ² ·h
Periods of exposure:	24 hours
Ways of placement	Flat yarn net
Spraying method:	Continuous

1.6 Test Result(s):

Test Item	Corrosion Ratings
Neutral Salt Spray(NSS) Test	Grade 10

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Test Report

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Remark:

Corrosion Ratings

Corrosion Ratings	Area of defects, A (%)	Corrosion Ratings	Area of defects, A (%)
10	No defects	9	$0 < A \leq 0.1$
8	$0.1 < A \leq 0.25$	7	$0.25 < A \leq 0.5$
6	$0.5 < A \leq 1.0$	5	$1.0 < A \leq 2.5$
4	$2.5 < A \leq 5.0$	3	$5.0 < A \leq 10$
2	$10 < A \leq 25$	1	$25 < A \leq 50$
0	$50 < A$	/	/

*** End of Report ***

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