


Technical Report No.: D210605004

Date: 2021-06-21

Client: Name: Connected Light Solutions
Address: 34-36 Adderley Street East, Lidcombe, NSW, 2141, Australia

Manufacturing place: Manufacturer's name: Sichuan Hongrui Electric Co., Ltd
Address: Mianyang Export Processing Zone, High-tech Park, Mianyang, Sichuan Province China
Factory's name : Same as manufacturer
Address: Same as manufacturer

Test subject: Product: P4P5 LED Roadway
Type: ERR14P30D2SG44

Trade mark: CONNECTED LIGHT SOLUTIONS; 

Test specification: Products apply for the Electrical Measurement used for Victorian Energy Efficiency Target (VEET) Product Register according to client's requirement and below test specification:
- Lamp Circuit Power(LCP) requirement of VEET

Purpose of examination: inspection according to specified requirements to realize the conformity with the Produktsicherheitsgesetz –ProdSG (latest version)
inspection according to specified requirements to realize the observance of the protection aims of the following EC directives:
 LVD directive 2014/35/EU
 EMC directive 2014/30/EU
 Test according to the test specification

Test result: See section 4 for details.

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details please see testing and certification regulation, chapter A-3.4.

1 Description of the test subject

1.1 Function

Manufacturer's specification for intended use:
Street light lamp post top for general lighting purposes.

Manufacturer's specification for foreseeable use:
No restrictions provided.

1.2 Consideration of the foreseeable use

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

1.3 Technical Data

LED Luminaire

(P4P5 LED Roadway)

Model	:	ERRA14P30D2SG44
Rated Voltage	:	220-240VAC
Rated Frequency	:	50/60Hz
Rated Power	:	14W

2 Order

2.1 Date of Purchase Order, Customer's Reference

2021-06-07

2.2 Receipt of Test Sample, Condition, Location

10pcs samples were received on 2021-06-07
Dongguan Hongnuo Product Testing Service Co., Ltd
No. 8, Jinqianling Wujie, Huangjiang, Dongguan, Guangdong, China

2.3 Date of Testing

2021-06-15 to 2021-06-22

2.4 Location of Testing

Dongguan Hongnuo Product Testing Service Co., Ltd
No. 8, Jinqianling Wujie, Huangjiang, Dongguan, Guangdong, China

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

3 Test instruments and conditions

Decision rule according to IEC Guide 115:2007, clause 4.4.3, 4.5.1 (accuracy method) was applied.

3.1 Test instruments

Equipment	Model	Brand/Manufacturer	Calibration due date
Digital Power Meter	WT310E	YOKOGAWA	2021-12-29
Digital Temperature and Humidity data logger	TH603	Anymetre	2021-12-23

3.2 General conditions for measurement

Ambient temperature(°C):	25±1°C
Maximum relative humidity:	50%
Maximum air speed(m/s):	0.1
Test voltage tolerance:	±0.2%
Test voltage and frequency	250V, 50Hz.

4 Test Result

Table 1	Test data				
Sample #	Actual Input Voltage (V)	Actual Frequency (Hz)	Actual Input Current (mA)	Actual Input Power (W)	Actual PF
10	250	50	63,38	14,258	0,8932
13	250	50	63,61	14,289	0,8947
15	250	50	63,74	14,318	0,8937
12	250	50	63,51	14,257	0,8930
9	250	50	63,64	14,273	0,8923
17	250	50	64,15	14,442	0,8952
14	250	50	63,78	14,346	0,8941
8	250	50	63,42	14,300	0,8971
16	250	50	63,87	14,389	0,8961
3	250	50	63,75	14,369	0,8955

Technical Report



5 Remark

5.1 Product is tested at the highest rated wattage.

6 Documentation

6.1 Annex 1: Photo documentation.

7 Summary

See section 4 for details.

Dongguan Hongnuo Product Testing Service Co., Ltd

A handwritten signature in black ink that reads 'Lynn Zeng'.

Engineer: _____
Lynn Zeng
Project Handler



Technical Report checked: _____
Victor Meng
Designated Reviewer

Annex 1: Photo document

Details of: Outlook



Details of: Outlook



--- End of Report ---