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## Technical Report No. 611401907601

Rev. 00

Dated 2019-07-03

Client: Orangetek International Pty Ltd  
46 Stanley Street, Peakhurst, NSW 2210, Australia

Test subject: Product: IGNIS MINI LED Street Light  
Type: IGNIS MINI 020 LED 22W

Test specification:

1. Test item:
  - Clause 8 of IEC 62384 (Edition 1.1): Total circuit power
  - Clause 9 of IEC 62384 (Edition 1.1): Circuit power factor
2. Test conditions:
  - (1) Power input: 240 Vac, 50 Hz
  - (2) Warm-up time: > 120 minutes
  - (3) Stabilization time: 30 minutes
  - (4) Control gear: PHILIPS / Xi SR 22W 0.3-1.0A SNEMP 230V C133 sXt
  - (5) Control gear spec.: I/P: 220-240 Vac, 50/60 Hz, 28 W, PF:0.95  
O/P: 8-32 Vdc, 300-1050 mA, 22 W
  - (6) Dimension of product: 529 mm (L) x 147 mm (W) x 120 mm (H)

Purpose of examination: 

- Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements.

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## **1 Description of the test subject**

### **1.1 Function**

LED street light.

### **1.2 Consideration of the foreseeable misuse**

- ☒ Not applicable
- ☐ Covered through the applied test specification
- ☐ Covered by the following comment
- ☐ Covered by attached risk analysis

### **1.3 Technical Data**

Model	: IGNIS MINI 020 LED 22W
Rated Voltage	: 220-240 Vac
Rated Frequency	: 50/60 Hz
Rated Power	: 22 W
Protection Class	: Class I
Nominal dimension	: 529 mm (L) x 147 mm (W) x 120 mm (H)
Sample size	: 10 pcs

## **2 Order**

### **2.1 Date of Purchase Order, Customer's Reference**

2019-06-10

### **2.2 Receipt of Test Sample, Location**

2019-06-21, TÜV SÜD Asia Ltd. Taiwan Branch

### **2.3 Date of Testing**

2019-06-24 to 2019-06-28



## 2.4 Location of Testing

TÜV SÜD Asia Ltd. Taiwan Branch  
7F., No. 37, Sec. 2, Zhongyang S., Rd., Beitou District, Taipei City, 11270, Taiwan

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

None

## 3 Test Results

See appended table of test results.

## 4 Remark

### 4.1 Remarks to Factory

Not applicable.

## 5. Documentation

- Photo – see Appendix.

## 6. Summary

The test specification is met.

**TÜV SÜD Asia Ltd. Taiwan Branch**  
**TÜV SÜD Group**

Engineer:

*Alin Hung*

**Alin Hung**  
**Project Engineer**

Technical Report checked:

*Alan Yuan*

**Alan Yuan**  
**Designated Reviewer**



Appended Table – Test Results

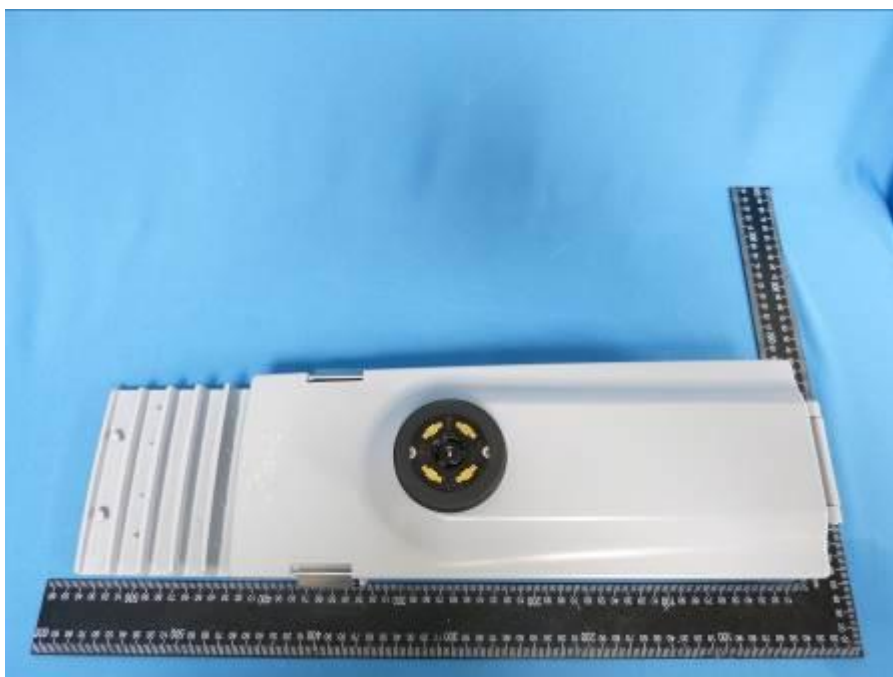
Sample #	Input voltage (Vac)	Input current (A)	Total circuit power (W)	Power factor	Remark
1	240.02	0.095	22.213	0.972	stabilization
2	240.00	0.096	22.266	0.969	stabilization
3	240.02	0.095	22.224	0.972	stabilization
4	240.02	0.095	22.322	0.977	stabilization
5	240.01	0.095	22.194	0.971	stabilization
6	240.02	0.094	22.211	0.975	stabilization
7	240.01	0.095	22.257	0.975	stabilization
8	240.02	0.095	22.156	0.974	stabilization
9	240.02	0.095	22.248	0.975	stabilization
10	240.00	0.094	22.146	0.974	stabilization
Avg.	240.01	0.095	22.224	0.973	--

## Appendix – Photo

Tested Model



Tested Model



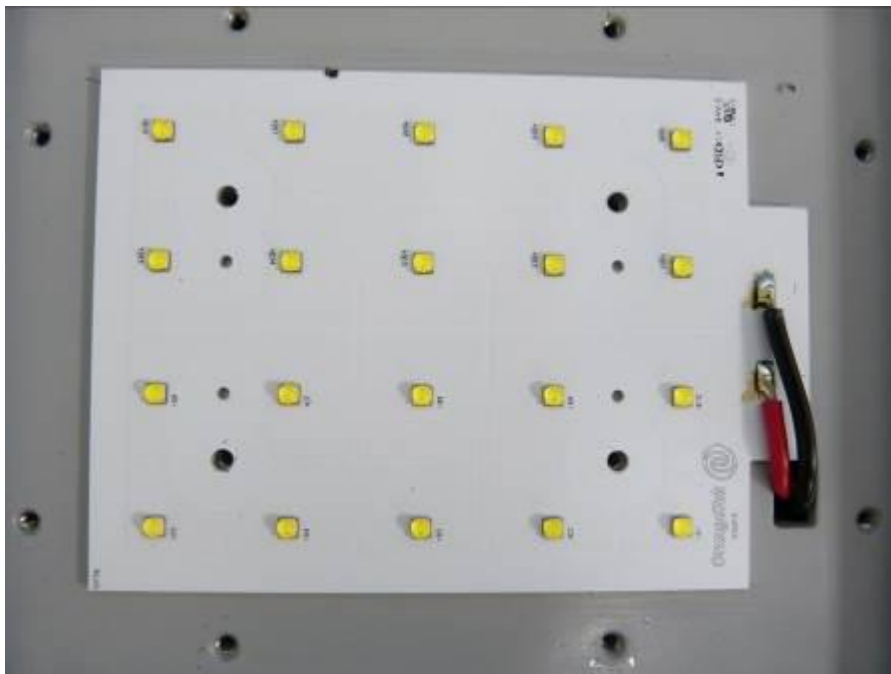
Tested Model



Tested Model



Tested Model



Set-up of test

