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Technical Report No. 704021411327

Rev. 00

Dated 2014-11-25

Client: Hangzhou HPWINNER Opto. Corporation
No.18 Kangzhong Road, Gongshu District, 310015, Hangzhou City,
Zhejiang Province, P.R. China

Manufacturing place: Hangzhou HPWINNER Opto. Corporation
No.18 Kangzhong Road, Gongshu District, 310015, Hangzhou City,
Zhejiang Province, P.R. China

Test subject: Product: LED lumianires for road and street lighting (LED street light)
Type:
T19A-1-25, T19A-1-30, T19A-1-35, T19A-1-40, T19AS-1-50,
T19AS-1-60, T19A-2-60, T19A-2-70, T19A-2-75, T19A-2-80
T19AS-2-90, T19AS-2-100, T19AS-2-120, T19A-3-110
T19A-3-120, T19AS-3-140, T19AS-3-150, T19AS-3-180
T19A-4-150, T19A-4-160, T19AS-4-180, T19AS-4-200,
T19A-5-200

Test specification: EN 60598-1/A11:2009
EN 60598-2-3/A1:2011

Purpose of examination: IP65

Test result: PASS

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1.1 Technical Data

Model	:	T19A-1-25, T19A-1-30, T19A-1-35, T19A-1-40, T19AS-1-50, T19AS-1-60 T19A-2-60, T19A-2-70, T19A-2-75, T19A-2-80 T19AS-2-90, T19AS-2-100, T19AS-2-120, T19A-3- 110, T19A-3-120, T19AS-3-140, T19AS-3-150, T19AS-3-180, T19A-4-150, T19A-4-160, T19AS-4- 180, T19AS-4-200, T19A-5-200
Rated Voltage	:	100-240 V~
Rated Frequency	:	50/60 Hz
Protection Class	:	Class I
Protection Against Moisture	:	IP65
ta:	:	50 °C
Construction	:	Fixed
Supply connection	:	Connecting leads
Weight	:	N/A

2 Order

2.1 Date of Purchase Order, Customer's Reference

2014-08-01

2.2 Receipt of Test Sample, Location

2014-08-01 TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
No. 1999, Duhui Road, Shanghai, 201108, P. R. China

2.3 Date of Testing

2014-08-01 to 2014-10-31

2.4 Location of Testing

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
No. 1999, Duhui Road, Shanghai, 201108, P. R. China

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

None

3 Remark

The products are LED street lights.

All the models are in the similar construction with different dimension and shapes.

Models equipped with different LED controlgear and LED modules which lead to different wattages.

Complete test are performed on T19AS-4-200

3.13 (9.2)	Tests for ingress of dust, solid objects and moisture:		P
	- classification according to IP :	IP 65	—
	- mounting position during test :	Normal position	—
	- fixing screws tightened; torque (Nm) :	2/3 torque	—
	- tests according to clauses :	(cl 9.2.2 & cl 9.2.6)	—
	- electric strength test afterwards	(see cl 10.2.2)	P
	no trace of water on current-carrying parts or SELV parts or where it could become a hazard		P
	no damage of protective shield or glass envelope		P

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
TÜV SÜD Group

Engineer:


Na ZHANG
Project Handler

Technical Report checked:


Huidong ZHANG
Designated Reviewer



Photography



Model overview



Back overview