



# 广东省东莞市质量监督检测中心

## Guangdong Dongguan Quality Supervision & Testing Center

Security Code: 95798582

### Test Report



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No: L17050098

Sample Information	Sample Description	LED Driver		Brand	_____	
	Type, Color, Specification	ESPT0500W-1200-42-Z1		Grade	_____	
	Manufacturer and Address	Energy Recovery Products(Zhu hai ) Co.,Ltd. No.8,Pingdong Road 2,Nanping Science Park, Zhuhai, Guangdong, China		Produced Date, Serial No.	_____	
Applicant and Address		Energy Recovery Products(Zhu hai ) Co.,Ltd. No.8,Pingdong Road 2,Nanping Science Park, Zhuhai, Guangdong, China		Test Type	Consignment test	
Sample Quantity		2PCS	Voucher No.	K201705121	Sampling Method	Send by applicant
Condition		Normal	Receiving Date	2017-05-12	Date Tested	2017-05-22
Test Standards		IEC 60598-1:2014 Luminaires. Part 1:General requirements and tests				
Conclusion of Test		The result of the test items conform to IEC 60598-1:2014.				
Remarks		_____				



Approved By:

李本亮

李本亮(高级工程师)

Checked By:

刘亮洪

刘亮洪

Edited By:

王润洲

王润洲







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Sample Description	(1) Class of protection against electricity: Class II (2) IP degrees of protection: IP66 (3) Rated voltage: (120-277) Va. c. (4) Rated frequency: (50/60) Hz (5) Rated power: -- (6) Power factor: >0.90 (7) Rated maximum operating temperature of the parts shell: <input type="checkbox"/> ballast(tc): °C <input type="checkbox"/> capacitor(tc): °C <input checked="" type="checkbox"/> LED control gear(tc): 90 °C <input type="checkbox"/> starter(tc): °C <input type="checkbox"/> electric transformer(tc): °C <input type="checkbox"/> trigger(tc): °C (8) Product weight: -- (9) Product photos: See Appendix 1 (10) Other description: --
Test Environment	temperature: (20.0~25.0) °C humidity: (50.0~60.0) %RH

Main Test Equipments				
Equipment Name	Equipment No.	Style	Manufacturer	Valid Until
Electric strength tester	DQM0655	7452	Extech	2017-12-12
Temperature and humidity chamber	DQM0555	GT-7005-C7 (1000L)	Gotech	2017-09-06
Test equipment for protection against water ingress	DQM0802	IPX1-6	Kexiang	2018-03-10
Dust test chamber	DQN0099	KXT309	Kexiang	2017-08-10
Remarks	1. Test case does not apply to the test object: N/A 2. Test object does meet the requirement: P(Pass) 3. Test object does not meet the requirement: F(Fail)			





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Clause	Requirement + Test	Result - Remark	Verdict
Resistance to dust, solid objects and moisture			
-	If IP > IP 20 the order of tests as specified in clause 3.12		P
9.2	Tests for ingress of dust,solid objects and moisture:		P
	- classification according to IP ..... :	IP 66	—
	- mounting position during test ..... :	Normal working position	—
	- fixing screws tightened; torque (Nm) ..... :		N/A
	- tests according to clauses ..... :	9.2.2,9.2.7 (IEC 60598-1:2014)	—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire		P
	c) no trace of water on current-carrying parts or on insulation where it could become a hazard		P
	d) i) For luminaires without drain holes—no water entry		N/A
	d) ii) For luminaires with drain holes—no hazardous water entry		N/A
	e) no water in watertight luminaire		N/A
	f) no contact with live parts (IP 2X)		N/A
	f) no entry into enclosure (IP 3X and IP 4X)		N/A
	f) no contact with live parts (IP3X and IP4X)		N/A
	g)no trace of water on part of lamp requiring protection from splashing water		N/A
	h)no damage of protective shield or glass envelope		N/A
9.3	Humidity test 48 h		P





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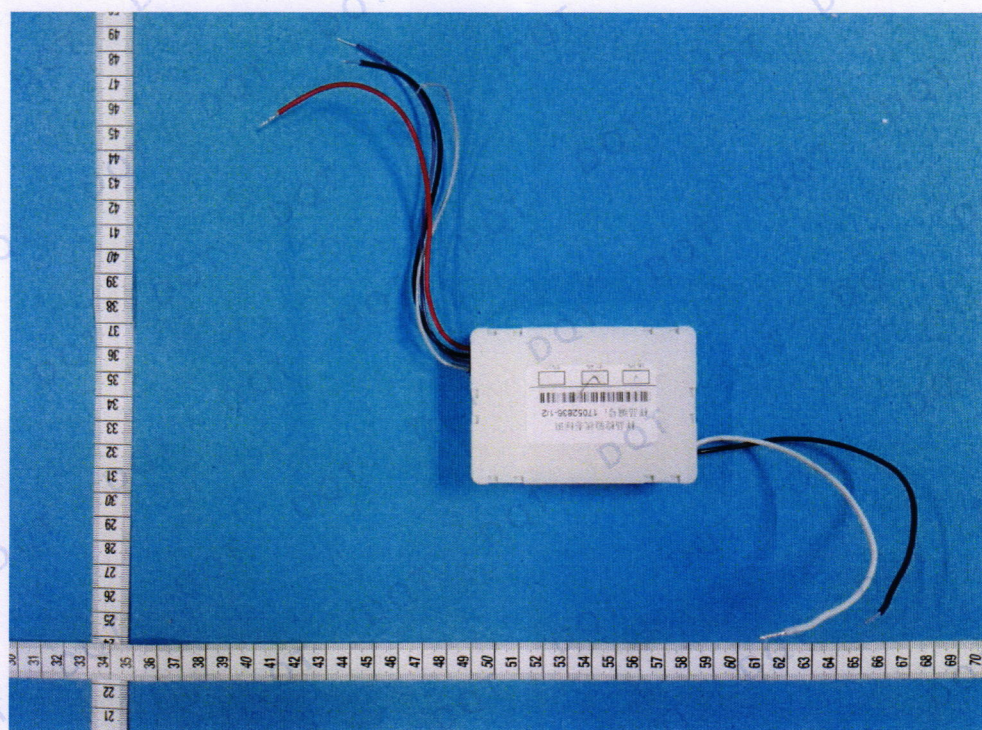
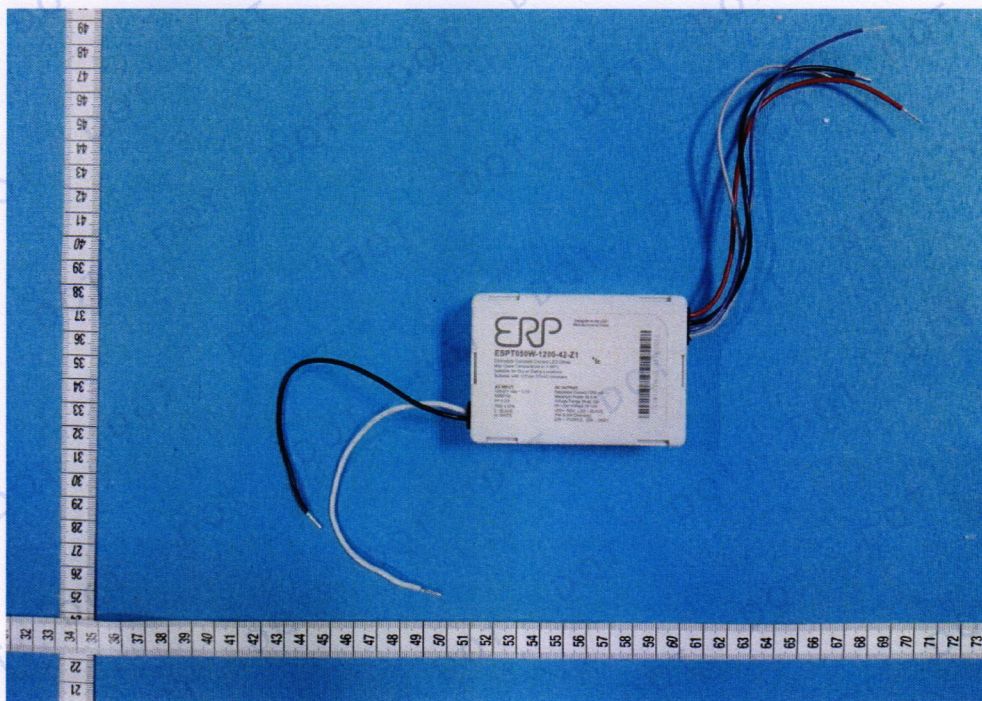
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### Appendix 1: Sample photos



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