



广东省东莞市质量监督检测中心

Guangdong Dongguan Quality Supervision & Testing Center

Security Code: 64979457

Test Report



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No: L17050097

Sample Information	Sample Description	LED Driver		Brand	_____	
	Type, Color, Specification	ESST040W-0900-42		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		_____				

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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) V a.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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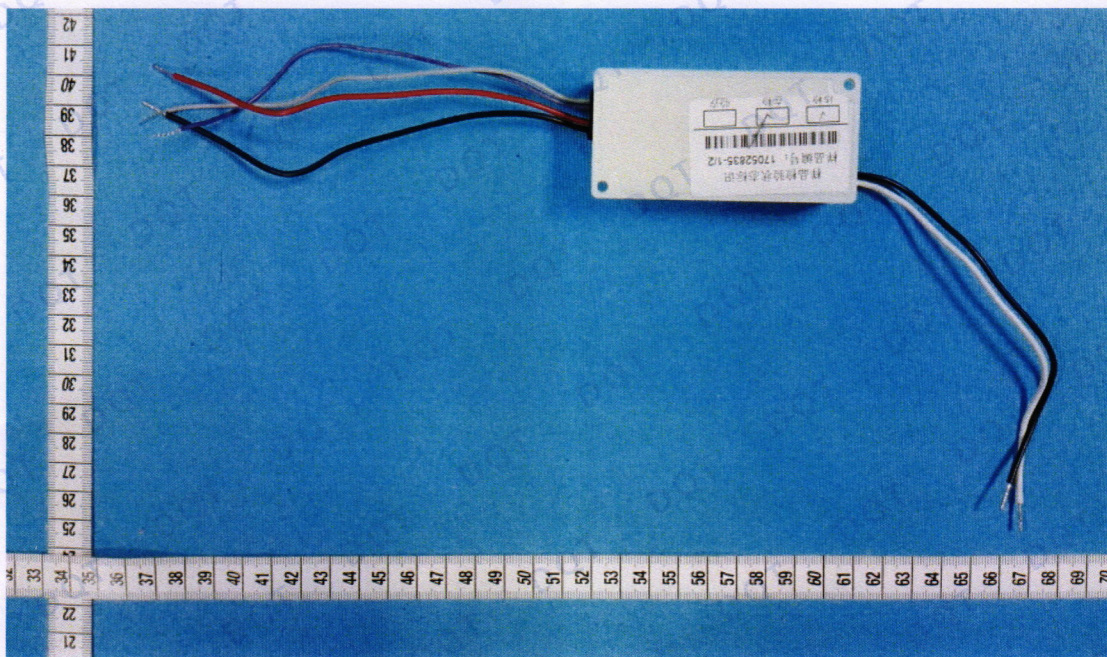
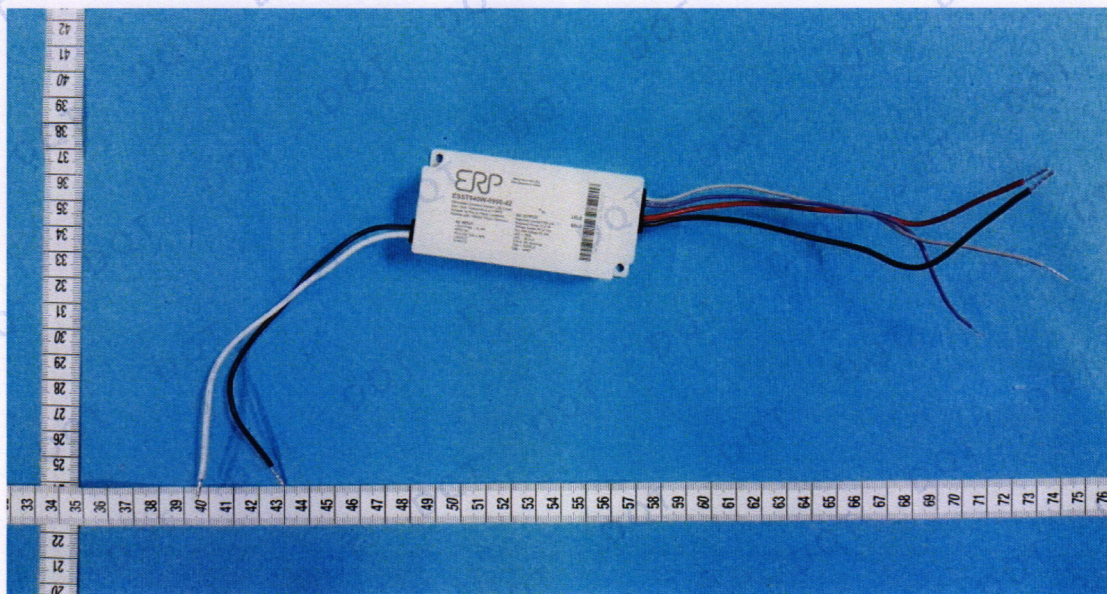
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Appendix 1:



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