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## RELIABILITY TEST FACILITY

Report No.:	20160429-LED TAPE
Page:	1 of 2
Date:	29th April 2016

## **TEST REPORT**

Test Type: Photo biological Safety of Lamps and Lamp Systems

Test Method/Specification: EN62471:2008 and or IEC62471:2006

The following product is identified as:

LED Tape

(Product Name)

*X0-UU-XX-W-11-FVV-22* 

**X**= A, B, C, D, E, F, G, H, J **0**= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 **UU**= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 **XX**= 12, 28, 35, 50, 56 **W**= 1, 2 **11**= 30, 42, 60, 72, 96, 120 **VV**= 8, 10, 12 **22**= 20, 65, 67

Quantity: 4 pieces of each product type

Testing Period: 26/01/2015 – 24 Hrs

The submitted sample is a production representative item and has been tested to the following Environmental test criteria:

<u>Test Required:</u> <u>EN62471:2008 and or IEC62471:2006</u>

Test Results: Pass / Exempt

Lab Environmental Conditions:

Ambient Temperature: 25±3°C

Relative Humidity: 55±20%RH

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Test Method/Specification: EN62471:2008 and or IEC62471:2006

Test Procedure: Tested in accordance with ISO/IEC17025 and here with confirmed to

comply with the requirements set out by EN62471:2008 and or

IEC62471:2006

	(8)	
Clause	Requirement + Test	Result - Remark
6.1	Continuous Wave Lamps	
6.1.1	Exempt Group	Pass
	In the exempt group are lamps, which do not pose any photobiological hazard. The requirement is met by any lamp that does not pose: an actinic ultrviolet hazard (Es) within 8-hours exposure (30000s) - nor near-UV hazard (Euva) within 1000s (about 16 min) - nor a retinal blue-light hazard (Lb) within 1000s (about 2.8 hrs) - nor a retinal thermal hazard (Lr) within 10s - nor an infrared radiation hazard for the eye (Eir) within 1000s	Pass

Signed for and on beha	alf of	© 0	
PowerLED (UK) Ltd. O	<u>rion House, Calleva Park, <i>I</i></u>	Aldermaston, Berkshire, RG7 8SN	
(imponer riame a riamea)		Julings Ltd	
Mark Ellis (Name, Sumame)	(Signature)	Quality Manager (Position/Title)	
England (Place)	29/04/2016 (Date)	in Holdings LL	

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