

Prospex® LED50 PLUS Gen2 High CRI >90 LED50/2-xx-xx-90

Issue Date: ~~Sept~~ 2015

50mm diameter LED module with high CRI LED's.
 RA >90CRI using Cree XP G2 LEDs
 For use in all ProSpex and ProSpex Plus LED luminaires.
 Max drive Current 500mA.
 Dimmable with the correct driver type.
 Module with on-board protection against surge and reverse polarity.



Height	60mm
Overall Diameter	∅50mm
Weight	90g
Colour options	2700K/3000K
CRI	>90CRI
Beam options	18°/22°/36°
Drive Current	500mA
Module Wattage*	9.5W/13.5w
Voltage	~27Vf
Dimming options**	Phase/1-10V(0-10V)/DALI
Temperature range	-10° + 25°C to achieve L70 of 50,000 hours

LED50 Gen2 Order Code		
LED Colour		Optic Angle
2700K	27	18 18°
3000K	30	22 22°
		36 36°
Module Type		
LED50/2		
Example	LED50/2- 30- 22	

measured lumens, buy colour temperature and driver current

	350mA	Circuit Watts	500mA	Circuit Watts
	Lumen O/P	10.00	Lumen O/P	14w
LED50/2 -27 -18 -90	641	64.14	844	60.29
LED50/2 -27 -22 -90	659	65.89	867	61.93
LED50/2 -27 -36 -90	618	61.79	813	58.07
LED50/2 -30 -18 -90	660	66.04	869	62.07
LED50/2 -30 -22 -90	671	67.11	883	63.07
LED50/2 -30 -36 -90	625	62.55	823	58.79

***Module wattage.** The figure quoted as module wattage is based on the drive current and the modules voltage. The figure quoted on the measured lumens table above allows for losses from a driver. This figure may change depending on the specific driver used.

****Dimming.** Whilst Lucent can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

LEDs. In respect of Lucent LED Products, whilst reasonable endeavours will be taken to match the light quality, LED bin and/or colour temperature of the LED used for any Replacements/additions, it may not always be possible to do so, due to the age of the product, changes in the LED suppliers product specification and availability.

For any particular batch of LED modules, Lucent supply LED's from a single 16th ANSI bin, which is less than a 2-step MacAdam ellipse.

Modules. Lucent ProSpex LED modules are manufactured in accordance with EN 60231.

It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

Luminaires designed to comply with EN60598 and all other relevant Standards.

This Specification Sheet supersedes all previous versions

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We reserve our right to take whatever action is necessary to protect those intellectual property rights.

Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE



Job/Project Name	Area/Location	Fitting Ref	Quantity
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