

Prospex® LED50Gen2

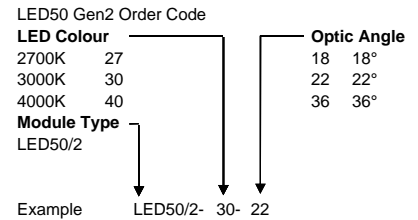
LED50/2-xx-xx

Issue Date: July 2015

50mm diameter LED module with 80CRI LED's using
 9 x Cree XP-E2 white 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	>80CRI
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



measured lumens, buy colour temperature and driver current

	350mA		Circuit Watts		500mA		Circuit Watts	
	Lumen	O/P	10w		Lumen	O/P	14w	
LED50/2 -27 -18	602		60.20		792		56.60	
LED50/2 -27 -22	624		62.40		822		58.70	
LED50/2 -27 -36	576		57.60		759		54.20	
LED50/2 -30 -18	683		68.30		900		64.26	
LED50/2 -30 -22	715		71.50		941		67.22	
LED50/2 -30 -36	658		65.80		866		61.86	
LED50/2 -40 -18	759		75.90		1000		71.42	
LED50/2 -40 -22	778		77.80		1025		73.21	
LED50/2 -40 -36	712		71.20		939		67.06	

***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 Lucient 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 Lucient 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, Lucient supply LED's from a single 16th ANSI bin, which is less than a 2-step MacAdam ellipse.

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

It is the policy of Lucient 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 Lucient Lighting Ltd of any inaccuracies immediately. E&OE



Europe

China

Russia

Job/Project Name

Area/Location

Fitting Ref

Quantity

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