

## Prospex® LED50 Ambiance WarmDim LED50WD-xx-xx

Issue Date: April 2016

50mm diameter LED module with colour adjustment from 3000K or 2700K down to 2200K to match tungsten lighting.

For use in all ProSpex and ProSpex Plus LED luminaires.

Drive Current 700mA.

Dimmable with the correct driver type, with a Constant Current Reduction output.



Height	65mm
Overall Diameter	Ø50mm
Weight	95g
Colour options	2700K-2200K/3000K-2200K
CRI	>80CRI
Beam options	12°/22°/36°
Drive Current	700mA
Module Wattage*	13.7W
Voltage	~19Vf
Dimming options**	Phase/1-10V(0-10V)/DALI
Temperature range	-10° + 25°C to achieve L70 of 50,000 hours

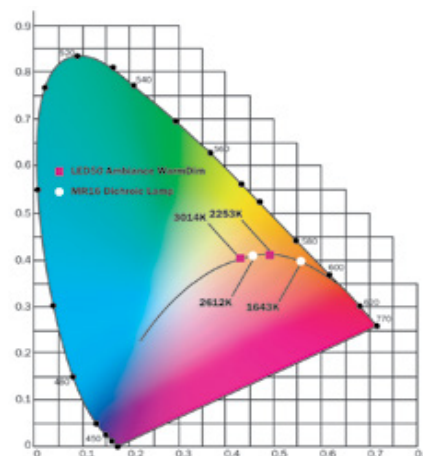


Diagram illustrating how the Ambiance Warm dim module warms up in colour compared to an MR16 Dichroic lamp.

measured lumens, buy colour temperature and driver current

	700mA		Circuit Watts	
	Lumen O/P			14.5w
LED50WD -27 -12	504			34.76
LED50WD -27 -22	527			36.34
LED50WD -27 -36	498			34.34
LED50WD -30 -12	634			43.72
LED50WD -30 -22	592			40.83
LED50WD -30 -36	568			39.17

LED50 Ambiance WarmDim Order Code

<b>LED Colour</b>		<b>Optic Angle</b>
2700K	27	12 12°
3000K	30	22 22°
		36 36°

**Module Type**  
LED50WD

Example LED50WD- 30- 22

**\*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 16<sup>th</sup> ANSI bin, which is less than a 2-step MacAdam ellipse (full output colour only).

**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*



Europe

China

Russia

Job/Project Name	Area/Location	Fitting Ref
Quantity		

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