

Linear LED Module LED1500/xx-22



Introduction

This specification describes the general parameters and performance for Ultrasave LED1500/xx-22 LED Module series. The module consists of a high thermal conductivity PCB with 33 middle power LEDs. Modules can be connected to each other by LED line cables, available in different lengths.

Lighting Applications

LED1500/xx-22 is ideally used to replace conventional fluorescent lamps such as T5 and T8. Typical applications include:

- High Bay Luminaire
- Vapor Tight Luminaire
- Troffer Luminaire
- Gymnasium Luminaire
- ST Wraparound Luminaire
- ...and more



Basic Parameters

Parameter	LED1500/30-22	LED1500/35-22	LED1500/40-22
CCT (K)	3,000K	3,500K	4,000K
Luminous Flux (lm)	1,350 lm	1,420 lm	1,500 lm
Input Power, I = 360mA	13.2W	13.2W	13.2W
Efficacy (lm/W)	102 lm/W	107 lm/W	113 lm/W
Color Deviation (SDCM)	6		
Color Rendering (Ra)	>80		
Operating Current (typical)	380 mA		
Operating Current (maximum)	400 mA		
Operating Current (minimum)	200 mA		
Input Voltage (maximum)	36V		
Input Voltage (minimum)	30V		

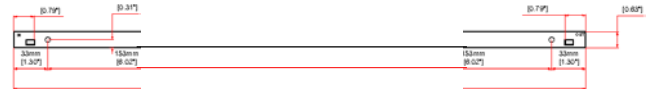
Ultrasave Lighting Ltd.
www.ultrasave.ca

Technical Inquiry, please call 905 940 0888 or 1 866 733 9217

Data published here are based on the result of testing under controlled environmental conditions. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. A3014USL

Physical Parameters

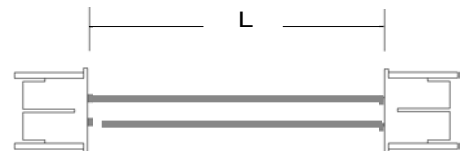
Parameter	Specification
Dimension (mm)	559(L) x 16(W) x 5.95(H)
Weight (g)	70 g
Rated Lifetime (Ta @ 60°C)	>50,000 hrs



Assembly

LED line cable is available to connect LED100/xx-22 modules. Connectors utilize Molex 503473 standard for easy replacement.

LED Line Cable (LED Module "OUT" to LED Module "IN")		
LED-SOB2B	L = 50 mm	Standard
LED-120B2B	L = 120 mm	Optional (For custom order)
LED-190B2B	L = 190 mm	



Order Information

Model# (Standard Line Cable)	Quantity/Box (pes)	Box Quantity/Carton (pes)	Carton Dimensions (L"xW"xH")	G. Weight (lb)
LED1500/30/35/40-22 C/W 6 LED-SOB2B Cables	8	25	24.0 X 9.25 X 10.0	19.13

Safety Notes

- The LED module incorporates minimum protection against short circuits, overload or overheating. Therefore, it is absolutely necessary to operate the module with electronically stabilized power supply.
Ultrasave LED Drivers are specifically designed with protection features for safety operation.
- Please ensure that the LED driver is of adequate power to operate the total load. Ultrasave LED Module Driver, LED80, can drive a maximum of 6 modules; LED54 is ideal to drive 4; LED40 can drive up to 3.
- LED module itself cannot be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Pay attention to standard ESD precautions when installing the module.

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