

Linear LED Module

LED1500/xx-22(P)



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 High Efficiency 5630 LEDs. Modules can be connected to each other by LED line cables, available in different

Lighting Applications

LED1500/xx-22 (P) 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	LED1500/30-22B (P)	LED1500/35-22B (P)	LED1500/40-22B (P)	LED1500/50-22B (P)
CCT (K)	3,000K	3,500K	4,000K	5,000K
Luminous Flux (lm)	1,650 lm	1,740 lm	1,840 lm	1,930 lm
Input Power, I = 360mA	13.2W	13.2W	13.2W	13.2W
Efficacy (lm/W)	125 lm/W	132 lm/W	140 lm/W	146 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)	35V			

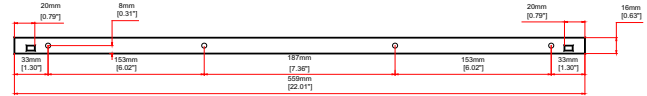
ULTRASAVE LIGHTING LTD.

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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. A0416USL

Physical Parameters

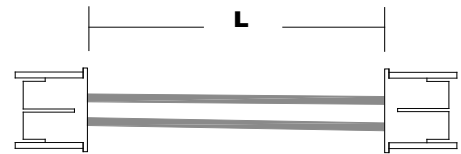
Parameter	Specification
Dimension (mm)	559(L) x 16(W) x 5.95(H)
Weight (g)	70 g
Rated Lifetime (Ta @ 85°C)	L70 = 190,000 hrs



Assembly

LED line cable is available to connect LED1500/xx-22 modules. Connectors utilize Molex 503473 standard for easy replacement.

LED Line Cable (LED Module "OUT" to LED Module "IN")		
LED-50B2B	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 (pcs)	Box Quantity/Carton (pcs)	Carton Dimensions (L"x W"x H")	G. Weight (lb)
LED1500/30/35/40/50-22 C/W 6 LED-50B2B 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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