

Linear LED Module

LED1400/xx-22(P)

Introduction

This specification describes the general parameters and performance for Ultrasave LED1400/xx-22 LED Module series. The module consists of a high thermal conductivity PCB with 24 High Efficiency 3030 LEDs.

Lighting Applications

LED1400/xx-22 is ideally used to replace conventional fluorescent lamps such as T5 and T8. Typical applications include:

- Vapor Tight Luminaire
- Troffer Luminaire
- ...and more



Basic Parameters

Parameter	LED1400/30-22	LED1400/35-22	LED1400/40-22	LED1400/50-22
CCT (K)	3000K	3500K	4000K	5000K
Luminous Flux (lm)	1,220 lm	1,280 lm	1,350 lm	1,420 lm
Input Power, I = 600mA	9.8W	9.8W	9.8W	9.8W
Efficacy (lm/W)	124 lm/W	132 lm/W	138 lm/W	146 lm/W
Color Deviation (SDCM)	6			
Color Rendering (Ra)	>80			
Operating Current (max.)	280 mA			
Operating Current (min.)	140 mA			
Input Voltage (max.)	35V			
Input Voltage (min.)	30V			

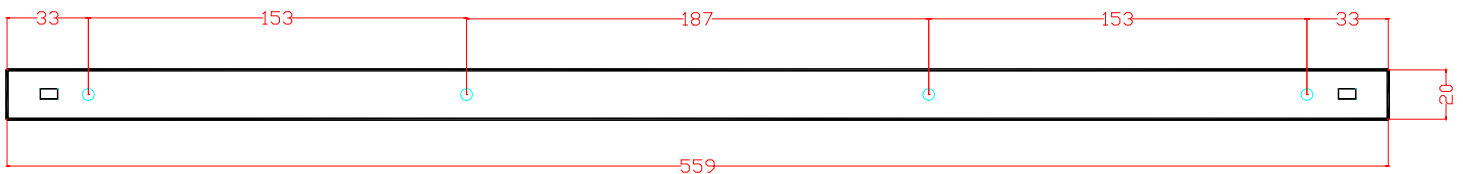
ULTRASAVE LIGHTING LTD.

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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 20(W) x 5.95(H)
Weight (g)	g
Rated Lifetime (Ta @ 75°C)	>50,000 hrs



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.

- 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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