

Linear LED Module

LED2600/xx-44 (P)

Introduction

This specification describes the general parameters and performance for Ultrasave LED2600/xx-44 LED Module series. The module consists of a high thermal conductivity PCB with 44 middle power LEDs. Modules can be connected to each other by LED line cables, available in different lengths.

Lighting Applications

LED2600/xx-44 (P) 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	LED2600/30-44 (P)	LED2600/30-44 (P)	LED2600/40-44 (P)	LED2600/50-44 (P)
CCT (K)	3000K	3500K	4000K	5000K
Luminous Flux (lm)	2,380 lm	2,510 lm	2,640 lm	2,770 lm
Input Power, I = 600mA	19W	19W	19W	19W
Efficacy (lm/W)	125 lm/W	132 lm/W	139 lm/W	146 lm/W
Color Deviation (SDCM)	6			
Color Rendering (Ra)	> 80			
Operating Current (max.)	600 mA			
Operating Current (min.)	300 mA			
Input Voltage (max.)	35.5V			
Input Voltage (min.)	30V			

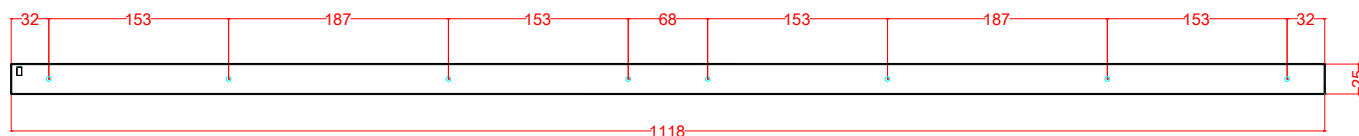
ULTRASAVE LIGHTING LTD.

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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. A3014USL

Physical Parameters

Parameter	Specification
Dimension (mm)	1118(L) x 25(W) x 5.95(H)
Weight (g)	g
Rated Lifetime (Ta @ 60°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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