

Linear LED Module

LED3800/xx-47

Introduction

This specification describes the general parameters and performance for Ultrasave LED3800/xx-47 LED Module series. The module consists of a high thermal conductivity PCB with 66 middle power LEDs. Modules can be connected to each other by LED line cables, available in different lengths.

Lighting Applications

LED3800/xx-47 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	LED3800/30-47	LED3800/35-47	LED3800/40-47	LED3800/50-47
CCT (K)	3000K	3500K	4000K	5000K
Luminous Flux (lm)	3,480 lm	3,680 lm	3,870 lm	4,063 lm
Input Power, I = 900mA	30W	30W	30W	30W
Efficacy (lm/W)	116 lm/W	111 lm/W	129 lm/W	135 lm/W
Color Deviation (SDCM)	6			
Color Rendering (Ra)	>80			
Operating Current (max.)	900 mA			
Operating Current (min.)	500 mA			
Input Voltage (max.)	35.5V			
Input Voltage (min.)	30V			

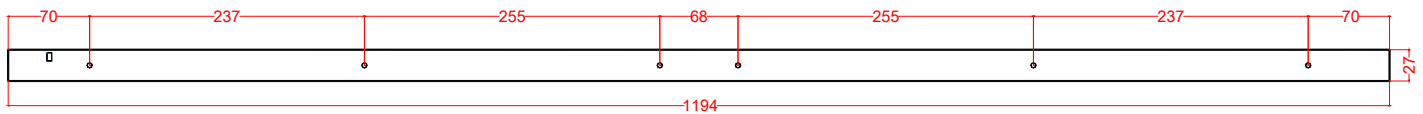
ULTRASAVE LIGHTING LTD.

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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)	1194(L) x 27(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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