

PrevaLED Linear

58160 / PLPG2-Lin-5900-840-1169x18



The PrevaLED Linear LED module family offers innovative solutions for a variety of ambient lighting applications. The boards consist of multiple low-power, high efficacy LEDs in a precise layout eliminating the need for supplemental heat sinking and delivering up to 177 lumens per watt in a variety of color temperatures. The boards produce an even and diffuse light that reduces the need for multiple optical layers, simplifying the luminaire design and maximizing optical efficiency. These modules offer a long life, energy efficient, and economical alternative to linear fluorescent sources. The PrevaLED Linear LED Modules are designed for optimum performance when paired with OPTOTRONIC constant current power supplies for maximum system efficiency and life expectancy.

Product family benefits

- High efficacy LED Modules
- Service life: Greater than 60,000 hours
- (L70) minimizing maintenance frequency
- Optimally paired with OPTOTRONIC constant current LED drivers

Product family features

- Parallel design for serial wiring
- Poke in wire connectors
- Operate on single or multi channel power supplies
- Delivers even and diffuse light
- Thermally independent requiring no additional heat sinking
- Color variation within MacAdam 3-step ellipse
- Compatible with dimming systems
- Alternative to fluorescent sources

Areas of application

- Accent lighting
- Decorative lighting
- General lighting
- Office lighting
- Task lighting
- Undercabinet lighting

Product datasheet

Technical data

General product information

Product Name	PLPG2LIN59008401169X18 80/CS 1/SKU
Ordering Abbreviation	PLPG2-Lin-5900-840-1169x18
Brand Name	OSRAM
Family Brand Name	PrevaLED Linear
General Description	PrevaLED Linear Performance 1169x18mm, 80CRI, 4000K CCT, 5692Lumens, 156LPW

Electrical data

Nominal Current (mA)	816.00
Maximum Wattage (W)	40.7 W
Maximum Current	858
Nominal Wattage	36.6 W
Nominal Voltage	44.9 V

Light technical data

Color Temperature	4000 K
Color Rendering Index	>80
Average Rated Life	60000 h
Nominal Lumens Per Watts	156
Rated Lumens	5692LM

Packaging Information

Item number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
58160	4052899562059	Unpacked (SKU)	1		
58160	4052899562066	Shipping box (Case)	80	15.9 in x 3.5 in x 47 in	14.4 lb

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

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