

Specifications:

Description: The Super Bright 24v Mini ORION series offers high efficiency, low voltage luminaires designed to produce a 120° light beams in cold, frozen and dry environments. This series has endcaps with a 0.81" width and a 0.57" height.

Features:

Lighting: Solid state lighting (SSL) LEDs; surface mounted diode (SMD) populated onto printed circuit board (PCB)

Tube and Endcaps: Polycarbonate LEXAN 244R

LEDs: 50mA each

LED Driver Input: 100VAC to 277VAC. Use only UL Listed Class 2 driver

LED Driver Output: 24VDC

Light Beam: 120° viewing angle

Lens : Heat deflection of 300°F

Life: L70 > 50,000 hrs

Operating Temperature Range: -20° C to +85°C

Warranty: 5 year limited warranty from manufacturing defects

Safety Certifications: Luminaires UL/cUL Listed & NSF approved

Certifications: LEDingEDGE Lighting's Quality Management System is ISO 9001:2015 certified

IP Rating: Tested and rated IP68

UL Photometric Test Report Data:

| CCT (K) Nom. | Length (in) | Lens | CRI | CCT (K) Actual | Lumens (lm) | Power (W) | Efficacy (lm/W) |
|--------------|-------------|-------|------|----------------|-------------|-----------|-----------------|
| 3500 | 45 | Clear | 92.6 | 3562 | 1385 | 9.981 | 138.8 |

Above is the data from several of the many UL tests we have had conducted. Our custom-built lights have 2,176 variations that effect performance data so please contact us if you require more specific data for your unique needs.

Accessories:

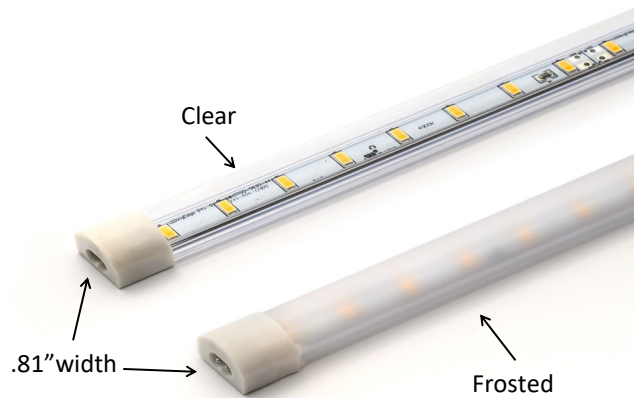
Jumpers: Lengths from 3" to 96"; Straight, stripped, right-angle ends; black / white color options

Brackets: Metal, clear Acrylic, Rotating, Magnet



Tested and Rated IP68

Super Bright 24v Mini ORION 3250 Series



Options:

Color: Standard CCTs choices are 3000K, 3500K, 4000K, and 5000K with a CRI >90

Lens: Clear or frosted

Endcap: With or without tab

Lengths (rounded to the nearest inch):

| Length | # of LEDs | Watts |
|--------|-----------|-------|
| 7" | 8 | 1.25 |
| 12" | 16 | 2.50 |
| 18" | 24 | 3.75 |
| 23" | 32 | 5.00 |
| 29" | 40 | 6.25 |
| 34" | 48 | 7.50 |
| 40" | 50 | 8.75 |
| 45" | 64 | 10.00 |
| 51" | 72 | 11.25 |

| Length | # of LEDs | Watts |
|--------|-----------|-------|
| 56" | 80 | 12.50 |
| 62" | 88 | 13.75 |
| 67" | 96 | 15.00 |
| 73" | 104 | 16.25 |
| 78" | 112 | 17.50 |
| 84" | 120 | 18.75 |
| 89" | 128 | 20.00 |
| 95" | 136 | 21.25 |

"Off the Shelf" standard lengths available at 12", 23", 34" and 45"

How to create part

| Series | Type | Voltage | Length Options | Color Options (CCT) | Lens Options | Endcap Options |
|-----------------------------------|------|---------|----------------------------------|----------------------------------|----------------------|--------------------|
| Super Bright, 24v Mini ORION 3250 | Tube | 24 volt | 12" 23" 34" 45" Etc. | 3000K 3500K 4000K 5000K | Clear-C Frosted-F | With Tab -add T |
| MIN3250 | T | 24V | 45 | 35K | F | T |

Example part number: MIN3250-T-24V-45-35K-F-T