

## 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 our two layer 2oz copper 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

**Life:** L70 > 50,000 hrs

### Temperature Ratings:

PCB (LEDs, etc): Ambient: -25°C~45°C; Case: -25°C~70°C

UL 2108 testing: 25°C

**Warranty:** 5 year limited warranty from manufacturing defects

**Safety Certifications:** UL/cUL Listed & NSF approved

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

**Ingress Protection (IP):** Design has been UL Ingress Protection tested and passed the IP68 standard

## 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.

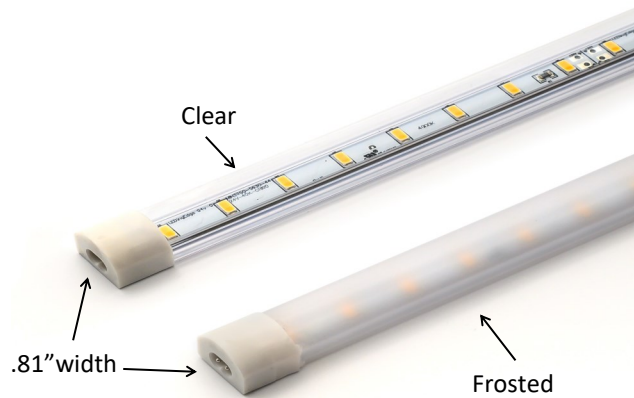
## Accessories:

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

**Brackets:** Metal, clear Acrylic, Rotating, Magnet



## 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

**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 numbers:

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

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