

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: 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.

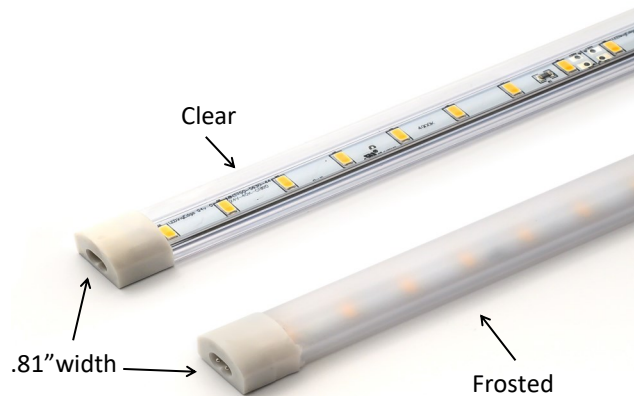
Accessories:

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

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