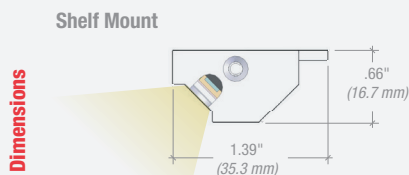


LEDge

INTERIOR APPLICATIONS



5-year warranty



io Lighting

Light Output (Lumens)	1028
Watts	18.6
Lumens per Watt (Efficacy)	55
Color Accuracy Color Rendering Index (CRI)	82
Light Color Correlated Color Temperature (CCT)	3024 (Bright White)
Warranty**	Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

** See www.lightingfacts.com/products for details.

Registration Number: PNE4-4CHH6K (7/11/2013)
Model Number: 0.091.3KVHO.NG.1.36.1
Type: Under-cabinet or Shelf-mounted light

Label references LEDge fixture in Very High Output 3000K. Lighting Facts for additional light output levels may be obtained from io Lighting.

Application

LEDge is a member of io's **line™** family of linear LED-based products. **LEDge** is a low voltage linear shelf light that offers exceptional warm and cool white light for a variety of different shelf and casework conditions. **LEDge** offers illumination levels equivalent to halogen and fluorescent-based alternates with significant benefits. **LEDge** delivers exquisite white light without the damaging ultra-violet (UV) and infrared (IR) wavelengths or radiant heat that conventional light sources produce. **LEDge** also offers superior definition to three-dimensional objects and sparkle to reflective surfaces. Projected average rated life is 50,000 hours at 70% of lamp lumen output. Contact factory for IES LM-80 compliance. To ensure proper performance, architectural details should allow for ventilation and air flow around the fixture. Ambient temperature surrounding the fixture shall not exceed 122°F (50°C).

Light Output

LEDge's beam spread and luminous intensities are perfect for shelf lighting applications. Three luminous intensities are available. All values below represent the initial raw lumens of the LED. IES format photometry of Lighting Facts labels represent actual light output measured in lumens and candle power. Light Output losses include optical, thermal and power supply inefficiencies. IES LM-79 format files may be obtained from the factory or downloaded from www.cooperlighting.com. All products have a CRI greater than 80. Results are typical measurements.

	Standard Output	High Output	Very High Output
INITIAL LUMENS			
2700K White:	72 lms/ft	253 lms/ft	362 lms/ft
3000K White:	120 lms/ft	360 lms/ft	600 lms/ft
3500K White:	83 lms/ft	289 lms/ft	413 lms/ft
4000K White:	88 lms/ft	307 lms/ft	438 lms/ft
POWER CONSUMPTION*			
	1.00 w/ft	3.00 w/ft	5.00 w/ft

Non-standard color temperatures available as a custom offering for a modest additional cost and lead-time.

* Power Consumption does not include power supply losses.

Construction

LEDge can be surface mounted to the underside of any shelving unit provided the shelf materials can accept self-tapping screws. The **LEDge** housing is made of extruded aluminum, providing the recommended heat sink requirements for io's proprietary printed circuit boards (PCBs). **LEDge** is provided with neoprene gaskets, which isolate the majority of the heat from surfaces on which they are mounted. **LEDge** is UL listed for dry locations.

Electrical

LEDge is supplied with a field adjustable 4'-0" 20 AWG, 300 volt rated power cord. A 24 volt 100 watt power supply will be provided as a standard. For detailed information regarding daisy chain limitations, remote distance limitations, power supply options, and dimming options consult Eaton's Cooper Lighting website (www.cooperlighting.com) or an io representative.

DRIVER REMOTE DISTANCE

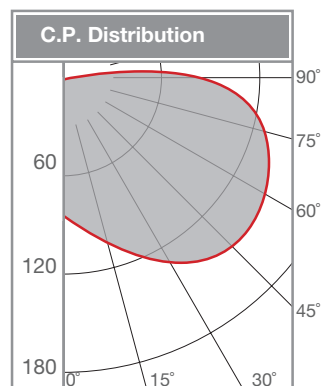
7'-0" (2.1m) w/22AWG
18'-0" (5.5m) w/18AWG
46'-0" (14.0m) w/14AWG
71'-0" (21.6m) w/12AWG

Finish

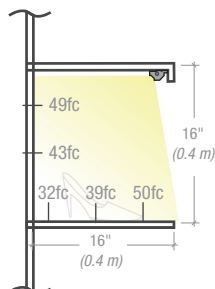
Anodized aluminum finish is standard. Custom finishes may be available upon request.

CANDLEPOWER DISTRIBUTION CURVE 3000K High Output – 30" Length

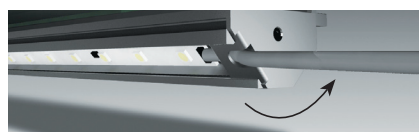
Light Output



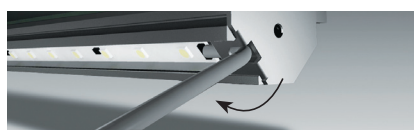
SHELF LIGHTING 3000K Standard Output



Electrical Details

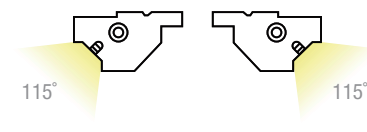


SIDE FEED



FRONT FEED

Left end cap shown here. Electrical feed is **field adjustable** from side feed to front feed.

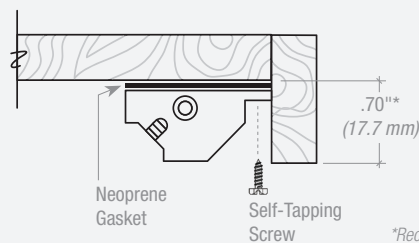
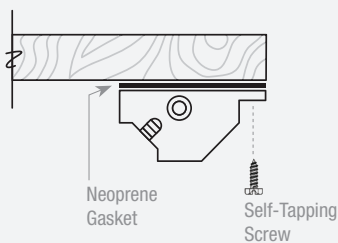


LEFT SIDE FEED

RIGHT SIDE FEED

Mounting Options

Shelf Mount



*Recommended minimum to conceal view to fixture.

Order Code

0	09	I							
io	1	2	3	4	5	6	7	8	9
1. PRODUCT FAMILY			6. LENGTH			9. SPECIFY DRIVER / DIMMING			
09 LEDge			Specify as required to 1/8" between 7" and 72"			Note: If not specified otherwise, io will supply 100 watt drivers. Download Power Supply specification sheet from www.cooperlighting.com .			
2. LOCATION			7. ELECTRICAL FEED						
I Interior only			1 Right feed						
			2 Left feed						
			3 Right and left feed						
3. COLOR			8. VOLTAGE / DIMMING						
27K White 2700K SO ⁽¹⁾			1 120v						
27KH0 White 2700K HO ⁽¹⁾			2 277v						
27KVHO White 2700K VHO ⁽¹⁾			3 120v w/dim						
3K White 3000K SO ⁽¹⁾			4 277v w/dim						
3KH0 White 3000K HO ⁽¹⁾			5 Other (International voltage)						
3KVHO White 3000K VHO ⁽¹⁾									

Footnotes

- White light variance between LEDs is equal to or better than 3-step MacAdam Binning.
- Printed Circuit Board (PCB) is available in 6" increments. Therefore, there will be no more than 3" of lampless space on either end of fixture.
- Non-standard color temperature and CRI are available. Consult factory for availability.



YouTube

LEDge applications
youtube.com/iolighting