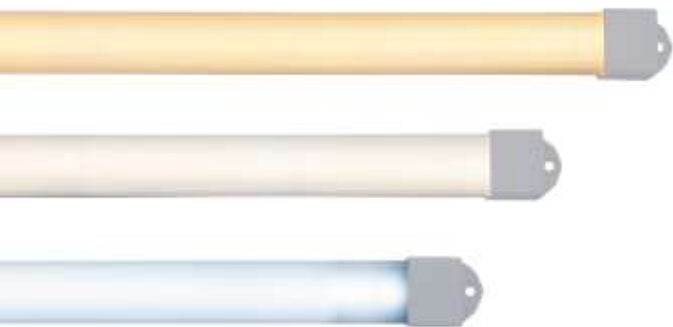


inspired LED **Radiant Edge Short Panel**



The **Radiant Edge Short Lens Custom Panel** is a low-voltage LED lighting solution that combines style and efficiency into one elegant product. This innovative design utilizes a soft-white diffused lens, eliminating the dot effect caused by LED diodes. Featuring a sleek, squared profile, the Radiant Edge panel is an unequivocally pure source of light, perfect for any home, office, or retail application.

Product Features:

- CSA Listed Design (C22.2 No. 250.0-08)
- Diffused lens for even light distribution
- Energy efficient LEDs rated to last up to 100,000 hours
- Customizable lengths made to order
- Contractors may inquire about DIY in-field options
- Adhesive backing available
- Available in variety of colors
- Dimmable with compatible systems



Electrical Specifications:

| | | | |
|--------------------|-------------------------|-------|-------|
| Input Voltage: | 12VDC | | |
| Operating Power: | ~3W/ft | | |
| Voltage Drop: | 70% output after 143.5" | | |
| Color Rendering: | 90 CRI | | |
| Color Temperature: | 2900K | 4100K | 5800K |
| Lumens per Foot: | 178lm | 179lm | 182lm |

**Recommended for use with Mega Bright flex. See power requirements table below for more information on max lengths per power supply.*

Connector Options:



Custom Lengths Available



Up to 72" lengths



| Power Source | Maximum Length of Radiant Edge System | | | |
|-------------------------------|---------------------------------------|--------------------|-------------------|-------------------|
| | Normal* | Super** | Ultra*** | Mega**** |
| 1 Amp (12 Watt) | 174" (10.8 Watt) | 83.5" (10.8 Watt) | 48.5" (10.8 Watt) | 41.5" (10.8 Watt) |
| 2 Amp (24 Watt) | 347.5" (21 Watt) | 166.5" (21 Watt) | 97.5" (21 Watt) | 84.5" (21 Watt) |
| 40 Watt Dimmable Transformer | 580.5" (36 Watt) | 278.5" (36 Watt) | 162" (36 Watt) | 140" (36 Watt) |
| 3.8 Amp (45.6 Watt) | 662" (41 Watt) | 318" (41 Watt) | 184.5" (41 Watt) | 160.5" (41 Watt) |
| 5 Amp (60 Watt) | 871" (54 Watt) | 418.5" (54 Watt) | 243" (54 Watt) | 211.5" (54 Watt) |
| 60 Watt Dimmable Transformer | 871" (54 Watt) | 418.5" (54 Watt) | 243" (54 Watt) | 211.5" (54 Watt) |
| 100 Watt Dimmable Transformer | 1451.5" (90 Watt) | 697.5" (90 Watt) | 405.5" (90 Watt) | 351.5" (90 Watt) |
| 150 Watt Dimmable Transformer | 2177.5" (135 Watt) | 1046.5" (135 Watt) | 608" (135 Watt) | 527.5" (135 Watt) |



Instructions:

1. **To install**, secure Radiant Edge panel onto flat surface using screw holes on end caps.
Note: longer length panels should be used with support clips (included).
2. If using plug-in connectors, insert 3.5mm x 1.3mm plug from Inspired LED cable into female input jacks
3. If using screw terminal connectors, loosen screw terminals and insert stripped ends of 16-22 AWG cable, (matching polarity of positive wire to side with red dot), then retighten screws to clamp wires in place. *Note: screw terminal connector may be removed for ease of access during installation*
4. If using a hardwire bare lead connection, match polarity of stripped wires to bulk cable, and connect with wire nuts
5. Follow corresponding instructions for incorporating other Inspired LED products, including switches, dimmers, and transformers to complete the LED system.

Sample Wiring Diagrams:

