inspired LED *NEW Radiant Edge Series*

The NEW **Radiant Edge Series 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
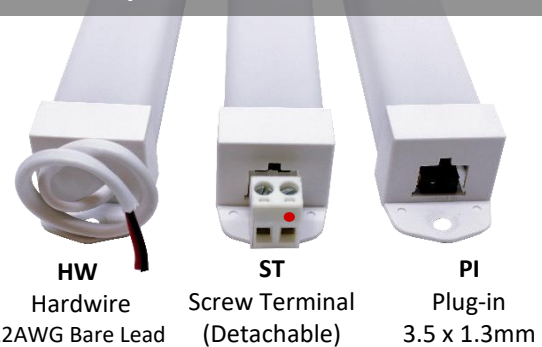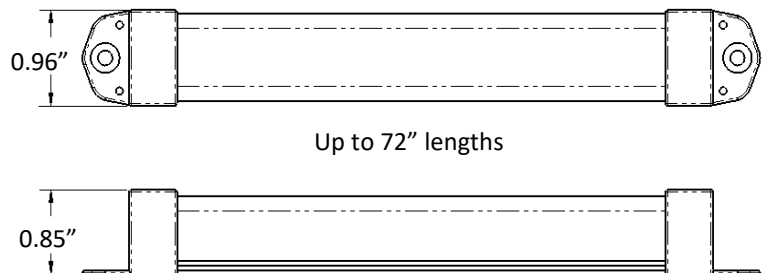- Dimmable with compatible systems

CSA C US
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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:	170lm	245lm	245lm

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

Connector Options:

HW
Hardwire
22AWG Bare Lead

ST
Screw Terminal
(Detachable)

PI
Plug-in
3.5 x 1.3mm

Custom Lengths Available

0.96"

Up to 72" lengths

0.85"

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:

Plug-in System Options:

Screw Terminal
Connection

Power
Supply

Bare Lead
Connection

Plug-in
Connection

Hardwired System Options:

Screw Terminal
Connection

$\sim$
AC   Dimmable
Transformer $---$
DC

Bare Lead
Connection

Wall Dimmer

Plug-in
Connection