

LIGHTZERO
DC POWERED LIGHTING

HIGH OUTPUT - PIN REGISTERED

Backlighting Kits

SPECIALIZED APPLICATION

Maximum brightness, unrivaled efficiency.

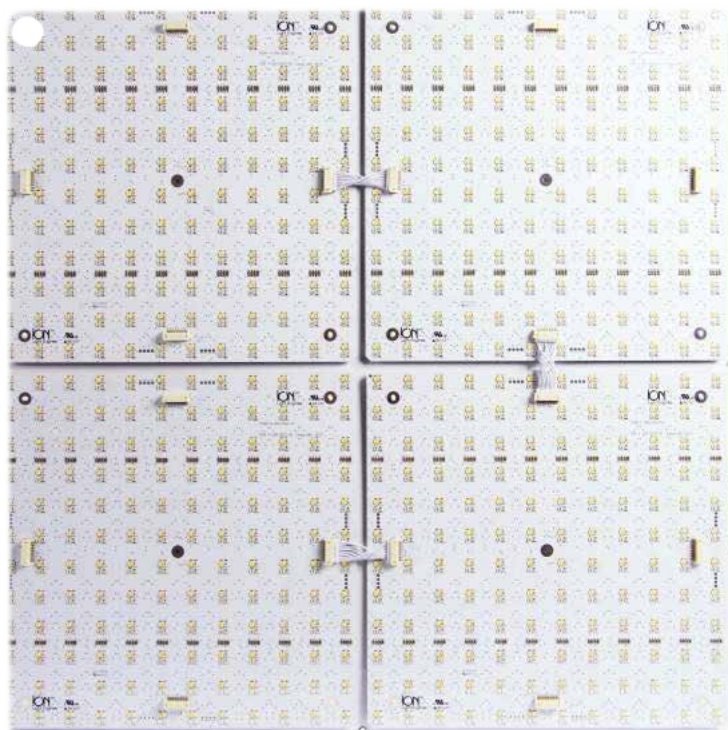
Available in a variety of sizes, LIGHTZERO Backlighting Kits consists of an array of Solid-State Light Engines mounted on an aluminum backplate, pre-wired and configured to meet Class 2 electrical safety requirements.

These kits enable architects, lighting designers, manufacturers, integrators, and lighting professionals to create new applications for LED backlighting illumination.

Available in:

- 3000K
- 3500K
- 4200K
- 5000K
- Tunable-White (3000K - 6000K)
(Tunable-White range can be specified)
- RGB
- RGBW

The scope and diversity of uses for the LIGHTZERO Backlighting Kit combined with its inherently safe low voltage design, energy efficiency, eco-friendliness, shallow profile, and perfectly even illumination makes it ideal for integration into architectural lighting, signage products, gaming, vending, exhibits, as well as many other architectural and commercial lighting applications.



(888) 890-0094 • www.lightzero.com

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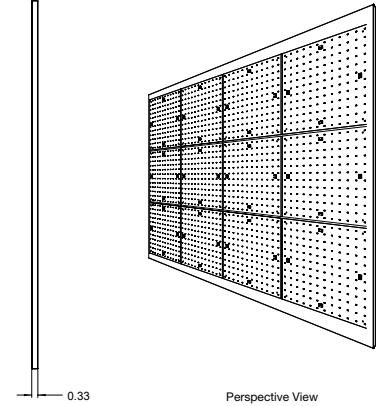
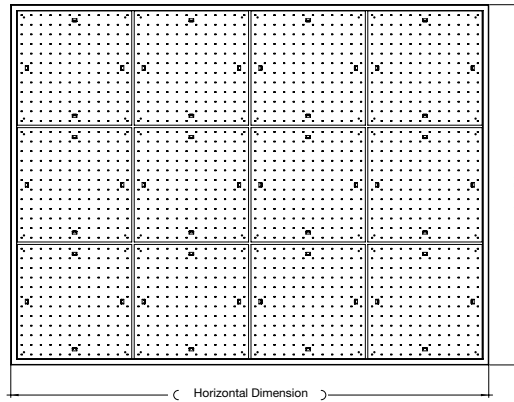
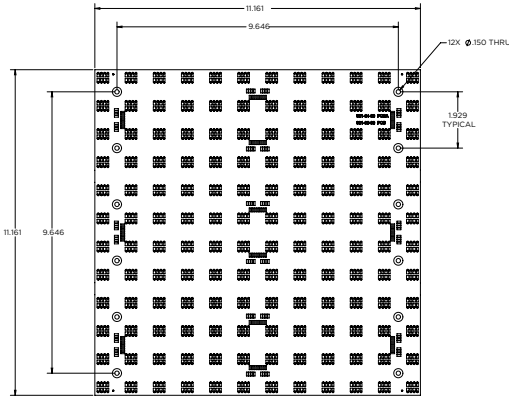
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Backlighting Kits

DIMENSIONS

For more size options please contact factory

Example of backlighting kits assembled:



Part Numbers:

Example

BK-ATW-096-120

BK- TW- 096- 120
 Product Color Temperature Size in Inches Size in Inches

Color Temperatures:

3 = 3,000K

4 = 3,500K

5 = 4,200K

6 = 5,000K

TW = Tunable-White (3000K - 6000K)

R = RGB

W = RGBW

LED LIGHT COLOR:



Warm White



Neutral White



Cool White



RGBW

FEATURES:

- No UV or IR radiation, No EM or RF interference
- Quick and easy to install, perfect edge-to-edge illumination, no banding or hotspots
- Maintenance free - no cheap AC/DC transformers to replace
- Highest Lumen output of any backlighting product available
- Class 2 48VDC power - inherently free from fire & electrical hazard
- LEDs are super bright, high intensity and low power consumption
- Extremely long life: up to 100,000 hours (L70)
- Recyclable at end of life

SPECIFICATIONS	
LED Driver Input Voltage	48VDC
Dimming	0 - 100%
Power Consumption	11.52 Watts (1 LED - 12" x 12" array)
Luminous Flux	1728 Lumens (Will vary based on number of LEDs)
Beam Angle	120 Degrees
Housing Color	Not Applicable
Fixture Material	Not Applicable
Weight	.25 lbs
Expected Lifespan	100,000 hours (L70)
Warranty	3 years
Standards/Certifications	Made in USA, ETL Listed, RoHS, CE

CERTIFICATIONS:



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