



HIGH OUTPUT - PIN REGISTERED

# Backlighting Kits

SPECIALIZED APPLICATION

Maximum brightness, unrivaled efficiency.

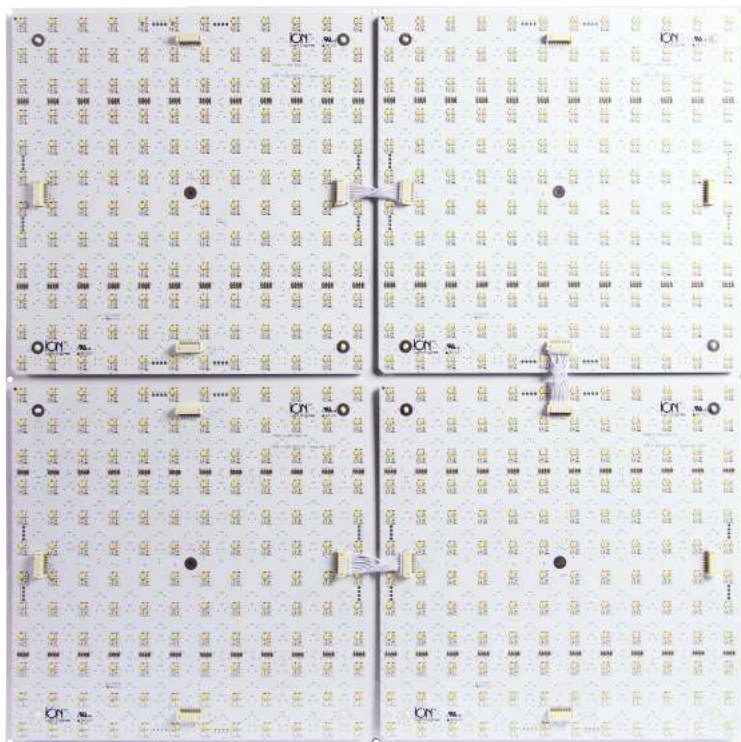
Available in a variety of sizes, Optum Backlighting Kits consist of an array of Solid-State Light Engines mounted on an aluminum backplate, pre-wired and configured to meet Class 2 electrical safety requirements.

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

Available in:

- 3,000K
- 3,500K
- 4,200K
- 5,000K
- **Tunable-White** (3,000K - 6,000K)  
(Tunable range can be specified - contact Factory)
- RGB
- RGBW

The scope and diversity of uses for the Optum 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.



THE FUTURE OF LIGHTING



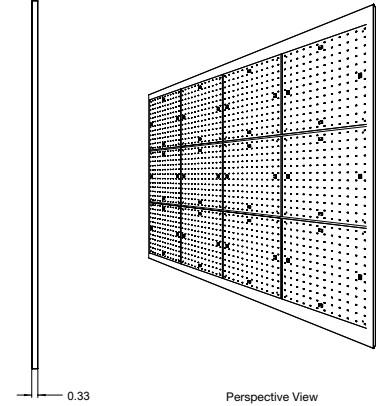
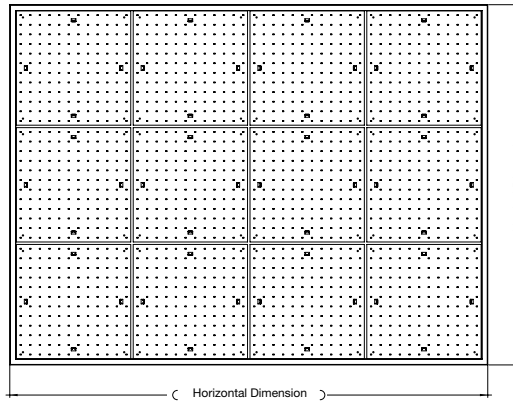
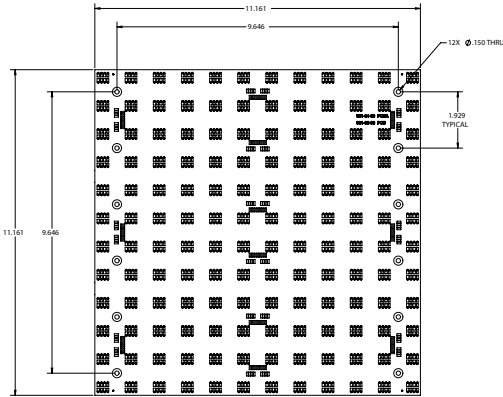
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# Backlighting Kits

## DIMENSIONS

For more size options please contact factory

Example of backlighting kits assembled:



## Part Numbers:

Example

BK-ATW-096-120

BK-	ATW-	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)

## 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	1500 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:

