



EDGE LIT

# Graphic Illuminator

SPECIALIZED APPLICATION

## Maximum brightness, unrivaled efficiency.

Optum's Graphic Illuminator is designed specifically to backlight images in T-Bar or Hard-Lid ceilings. The unique housing is placed on top of graphic panels and suspended on the T-bar grid. For certain applications, the graphics can be installed and sealed in the illuminator's housing.

With efficiency as only Optum can provide. Up to 54,000 lumens from a 2'x4' area.

Offering illumination performance unavailable from other manufacturers: **150 Lumens per watt, CRI 97, 100,000 hour life (L70).**

Available in:

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

Offered in 2' X 2', and 2' X 4' sizes.

Connects to the **Lumicat Digital Light Module** using Cat-5 cable or hard wire, providing the simplest, most cost-effective installation available.

- Thin profile - less than .5"
- Standard recessed T-Bar fit for common ceiling grids
- Class 2 Power, no conduit needed
- Surface mount kit available



**ETL Listed. RoHS compliant. 99% recyclable, no IR or UV radiation. EM/RF interference free. Non-ferrous construction, MIL-STD-461F compliant.**



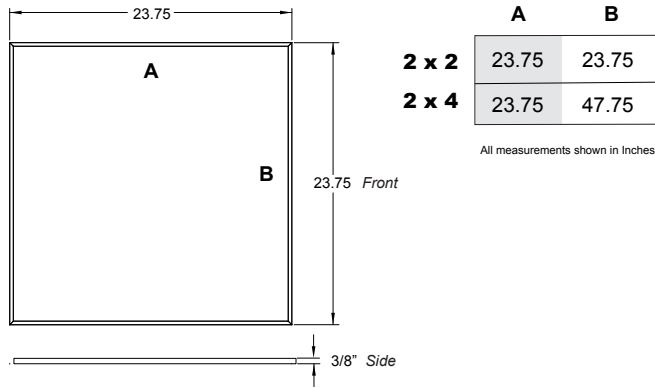
THE FUTURE OF LIGHTING



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# Graphic Illuminator

## DIMENSIONS



## Part Numbers:

Example

FPEL-TW-024-024

FPEL- TW- 024- 024- C  
 Product Color Temperature Size Size Lens Option

Size: 024-024 = 2' x 2' | 024-048 = 2' x 4'

## Color Temperatures:

4 = 3,500K

5 = 4,200K

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

## Lens Covers:

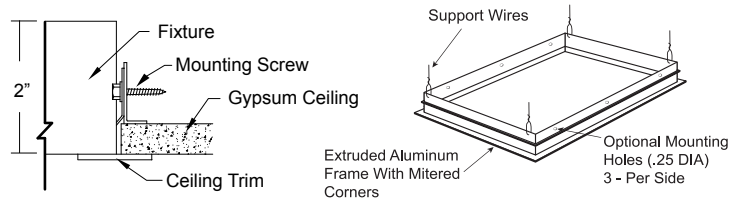
C = Clear

F = Frosted

SPECIFICATIONS	
Power Consumption	37 Watts
Luminous Flux	3200 Lumens (May vary minimally based on LED color)
Beam Angle	120 Degrees
Dimming	0-100%
Housing Color	White
Fixture Material	Die Cast Aluminum Housing
Operating Temperature	-4 degrees F (-20 C) to +122 degrees F (+50 C)
Expected Lifespan	100,000 hours (LM70)
Warranty	5 years
Input Voltage	48VDC
Standards/Certifications	Made in USA, ETL Listed, RoHS, CE

## MOUNTING ACCESSORIES

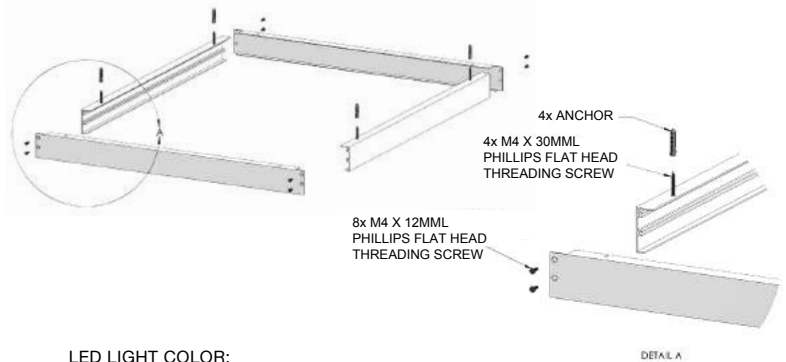
### HARD LID GRID ADAPTER KIT (SOLD SEPARATELY)



**Ordering Information:**  
 2x2 = Grid Adapter kit-2x2  
 2x4 = Grid Adapter kit-2x4

### SURFACE MOUNT ADAPTER KIT (SOLD SEPARATELY):

#### INCLUDED PARTS



### LED LIGHT COLOR:



Warm White



Neutral White



Cool White

### FEATURES:

- No UV or IR radiation
- Easy to install - Fixtures can be daisy-chained
- Maintenance free. No LED driver failures to replace
- Suitable for indoor/outdoor temperatures from -4 to +122 degrees F (-20 to +50 C)
- Solid-state construction shock and vibration resistant
- No EM/RF interference
- LEDs are super bright, high intensity and low power consumption
- Extremely long life: up to 100,000 hours (L70)
- Recyclable at end of life

### CERTIFICATIONS:





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## DIMENSIONS

GDH\_2027



CLOUDS

FDL\_3098



TROPICAL

FDL\_3139



DESERT

FDL\_3798



GARDEN

FDL\_3015



LANDSCAPE

FDL\_3022



MISCELLANEOUS

HUB\_3485



UNDERSEA

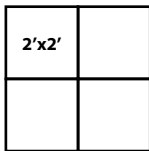


KID FRIENDLY

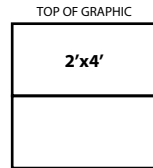
**PLEASE CONTACT OPTUM LIGHTING FOR MORE GRAPHIC OPTIONS**

**404**

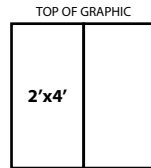
\*404 (2'x2' fixtures only)



\*404a (2'x4' fixtures only)



\*404b (2'x4' fixtures only)

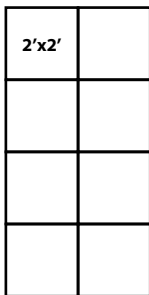


FIXTURE ORIENTATION

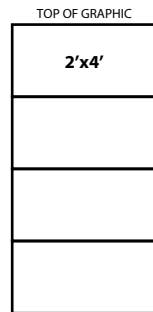
XXX

**804**

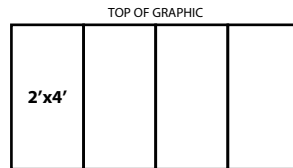
\*804 (2'x2' fixtures only)



\*804a (2'x4' fixtures only)



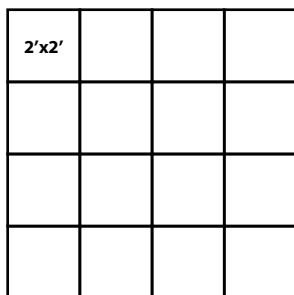
\*804b (2'x4' fixtures only)



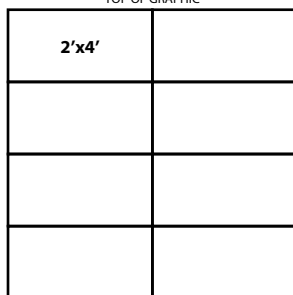
- 202 (2'x2')
- 402 (4'x2')
- 404 (4'x4')
- 404a\* (4'x4' horizontal)
- 404b\* (4'x4' vertical)
- 604 (6'x4')
- 602 (6'x2')
- 606 (6'x6')
- 802 (8'x2')
- 804 (8'x4')
- 804a\* (8'x4' horizontal)
- 804b\* (8'x4' vertical)
- 806 (8'x6')
- 808 (8'x8')
- 808a\* (8'x8' horizontal)
- 808b\* (8'x8' vertical)

**808**

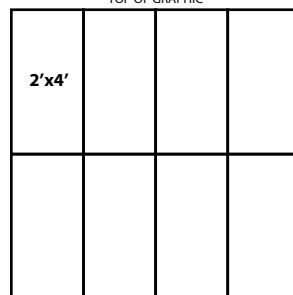
\*808 (2'x2' fixtures only)



\*808a (2'x4' fixtures only)



\*808b (2'x4' fixtures only)



Contact factory for additional or custom configurations

