

LIGHTZERO
DC POWERED LIGHTING

EDGE LIT

Graphic Illuminator

SPECIALIZED APPLICATION

Maximum brightness, unrivaled efficiency.

LIGHTZERO'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 Hard-Lid ceilings a surface mount kit is available. For certain applications, the graphics can be installed and sealed in the illuminator's housing.

With efficiency as only LIGHTZERO can provide.

Offering illumination performance unavailable from other manufacturers: **180 Lumens per watt, CRI 97, 100,000 hour life (L70).**

Available in:

- 3,000K
- 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 our **Digital Light Module** using Cat-5 cable or hard wire, providing the simplest, most cost-effective installation available.

- Thin profile - less than 1"
- 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.

(888) 890-0094 • www.lightzero.com

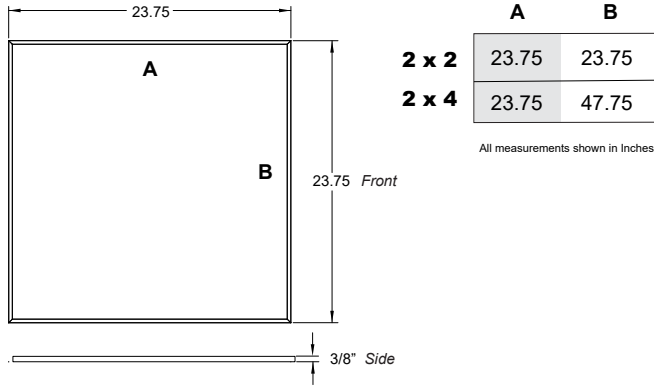
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DIMENSIONS



Part Numbers:

Example

ELGI-TW-024-024

ELGI-

Product Color Temperature Size Size

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

Color Temperatures:

3 = 3,000K

4 = 3,500K

5 = 4,200K

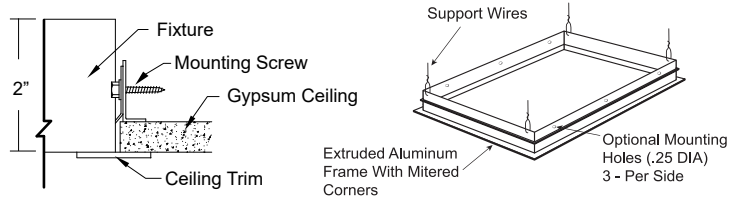
6 = 5,000K

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

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	10 years
Input Voltage	48VDC
Standards/Certifications	Made in USA, ETL Listed, RoHS, CE

MOUNTING ACCESSORIES

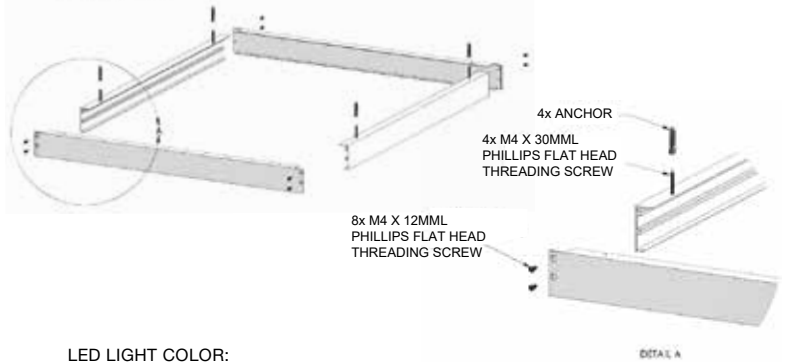
HARD LID GRID ADAPTER KIT (SOLD SEPARATELY)



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, No EM/RF interference
- 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
- LEDs are super bright, high intensity and low power consumption
- Extremely long life: up to 100,000 hours (LM70)
- IC Rating not applicable due to 48VDC inherently safe per NEC
- 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

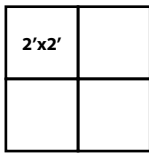


KID FRIENDLY

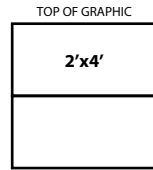
PLEASE CONTACT FACTORY FOR MORE GRAPHIC OPTIONS

404

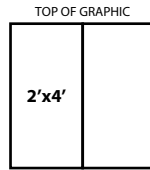
*404 (2'x2' fixtures only)



*404a (2'x4' fixtures only)



*404b (2'x4' fixtures only)

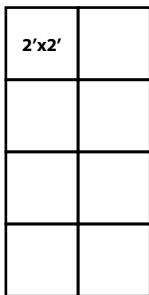


FIXTURE ORIENTATION

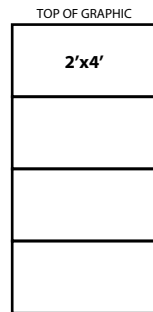
XXX

804

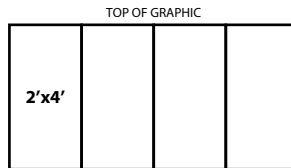
*804 (2'x2' fixtures only)



*804a (2'x4' fixtures only)



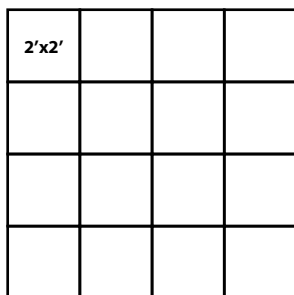
*804b (2'x4' fixtures only)



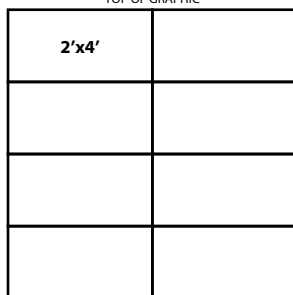
- 202 (2'x2')
- 402 (4'x2')
- 404 (4'x4')
- 404a* (4'x4' horizontal)
- 404b* (4'x4' vertical)
- 604 (6'x4')
- 602 (6'x2')
- 606 (6'x6')
- 802 (8'x2')
- 804 (8'x4')
- 804a* (8'x4' horizontal)
- 804b* (8'x4' vertical)
- 806 (8'x6')
- 808 (8'x8')
- 808a* (8'x8' horizontal)
- 808b* (8'x8' vertical)

808

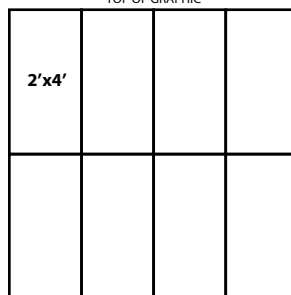
*808 (2'x2' fixtures only)



*808a (2'x4' fixtures only)



*808b (2'x4' fixtures only)



Contact factory for additional or custom configurations

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