



HIGH OUTPUT - DIRECT DC

2" Diffused Luminaire

SPECIALIZED APPLICATION

Maximum brightness, unrivaled efficiency.

Optum manufactures the finest **direct-lit** fixture available.

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

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

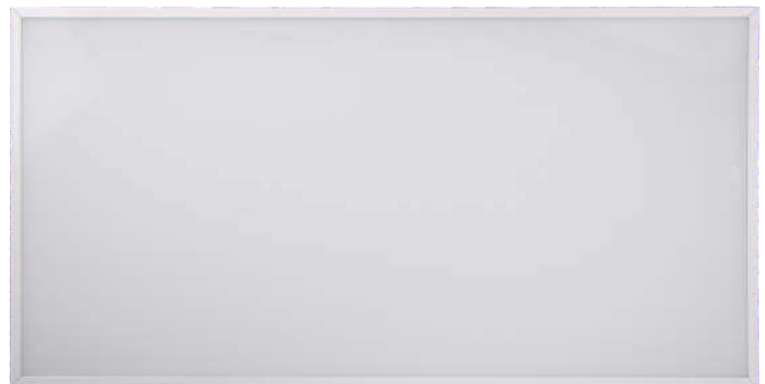
Available in:

- 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', 2' X 4', 1' X 2' and 1' 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 2"
- Standard recessed T-Bar fit for common ceiling grids
- Class 2 Power, no conduit needed
- Suspension kit available
- Surface mount kit available
- Flange option available



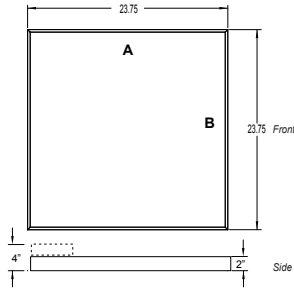
ETL Listed. RoHS compliant. 99% recyclable, no IR or UV radiation. EM/RF interference free. Non-ferrous construction, MIL-STD-461F compliant.



THE FUTURE OF LIGHTING

2" Diffused Luminaire

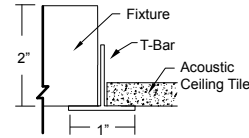
DIMENSIONS



	FLANGE CEILING OPENING			
	A	B	A*	B*
6 x 48	5.75	47.75	7.25	49.25
1 x 2	11.75	23.75	13.25	25.25
1 x 4	11.75	47.75	13.25	49.25
2 x 2	23.75	23.75	25.25	25.25
2 x 4	23.75	47.75	25.25	49.25

All measurements shown in inches
* With Flange

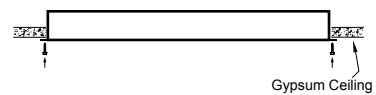
00 - GRID LAY IN



01 - INTEGRAL FLANGE-SURFACE MOUNT



02 - INTEGRAL FLANGE-FLUSH MOUNT



Part Numbers:

Example

FPEL-TW-024-024

FPEL- TW- 024- 024
Product Color Temperature Size Size

Size:

012-024 = 1' x 2'

012-048 = 1' x 4'

024-024 = 2' x 2'

024-048 = 2' x 4'

Color Temperatures:

3 = 3,000K

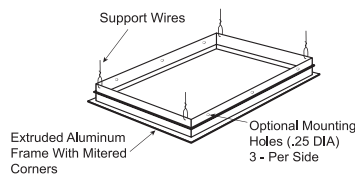
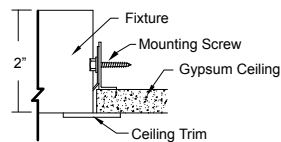
4 = 3,500K

5 = 4,200K

6 = 5,000K

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

MOUNTING ACCESSORY - HARD LID GRID ADAPTER KIT (SOLD SEPARATELY)



Ordering Information:

2x2 = Grid Adapter kit-2x2
2x4 = Grid Adapter kit-2x4

LED LIGHT COLOR:



Warm White



Neutral White



Cool White

Lorem ipsum

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 (L70)
- IC Rating not applicable due to 48VDC inherently safe per NEC
- Recyclable at end of life

CERTIFICATIONS:



SPECIFICATIONS	
LED Driver Input Voltage	48VDC
Dimming	0 - 100%
Power Consumption	46.08 Watts (1 LED)
Luminous Flux	6912 Lumens (Will vary based on number of LEDs)
Beam Angle	120 Degrees
Housing Color	White Powder Coat
Fixture Material	Aluminum Housing
Weight	6.0 lbs
Expected Lifespan	100,000 hours (L70)
Warranty	10 years
Standards/Certifications	Made in USA, ETL Listed, RoHS, CE

