

An Advanced, Elegantly Engineered Direct Current Luminaire for Use in a Ceiling Grid or Optional Frame


FEATURES

- Smooth, diffuse, and bright light.
- Warm or daylight color temperatures
- Life Expectancy up to 50,000 hours
- Super light weight (5 lbs)
- Easy installation
- Energy efficient
- Shallow profile 1 1/4"
- Made in USA, patent pending
- No maintenance
- 100% to 5% dimming with constant voltage LED dimmer
- Use in Offices, Conference Rooms, Classrooms, Restaurants, Waiting Rooms, Retail, Residential, etc.



MODELS: WARM WHITE: PG 2x2 LED 3200
NATURAL WHITE: PG 2x2 LED 4100

Manufactured by PhotoGlow Inc.

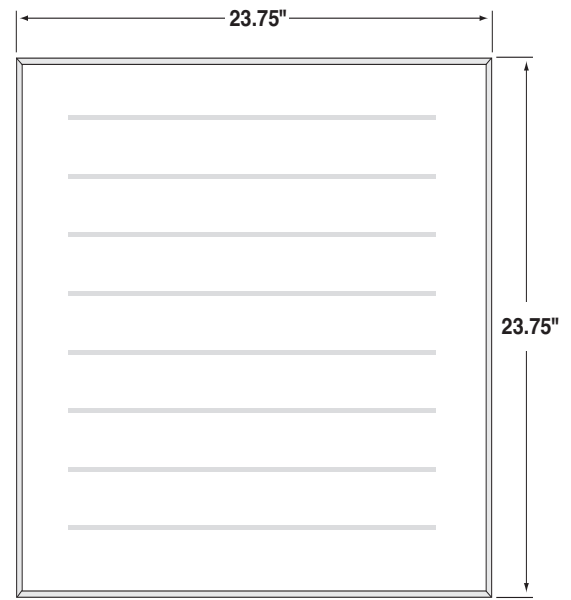
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LED Ceiling Grid DC Luminaires are advanced, elegantly engineered Direct Current (DC) luminaires that can be incorporated into a ceiling grid or hung in an optional frame. The 2' by 2' panels provide bright, uniform illumination in commercial and residential applications, and require no maintenance. They are available in warm white and natural white, allowing you to create your ideal lighting effect.

LED ceiling tiles are lightweight and easily installed. They are completely silent and give off very little heat. Unlike other manufacturers of LED luminaires, they do not require a large heat sink, making them the lightest weight, lowest profile on the market.

These energy efficient luminaires deliver significant savings on energy costs, and are environmentally friendly.

Each kWh of electricity saved by an LED ceiling tile prevents 1.3 pounds of CO² from being released into the atmosphere.



Rev. 110713

PhotoGlow®

SPECIFICATIONS

Color Temperature	3200K (Warm White) 4100K (Natural White)
Lumen Output	3600
CRI	82
Watts	38
Efficacy	greater than 93Lm/W
Input Voltage	24 VDC
Inrush	0A with no driver
Weight	2.5Kg (5.5-lbs)
Dimensions	23 ³ / ₄ " x 23 ³ / ₄ " x 1 ¹ / ₄ "

SAFETY REGULATORY

c(ETL) Safety Tested and Listed	Yes
Operating Environment	For dry or damp locations
Temperature Range	0 to 35°C
Humidity Range	up to 95% non-condensing

OPTIONS

Dimming	1-10V dimming with Osram Optotronic OT DIM NAED516*
Mounting	15/16" and 9/16" drop ceilings, compatible with Armstrong DC FLEXZONE®, 9/16", Silhouette®, 1/4" Reveal, and 1/16" Suprafine® Ceiling grids, and wall mounting
Warranty	5 Years

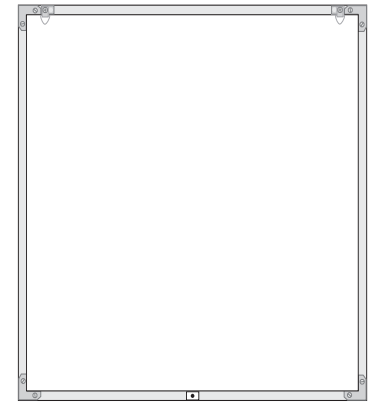
APPLICATION REFERENCE (40W)

Spacing	Lumens	Wattage	LPW	Watts/FT ²	Avg. FC
8x8	3600	40	90	0.625	53
8x10	3600	40	90	0.500	43
10x10	3600	40	90	0.400	35
10x12	3600	40	90	0.333	27

Ceiling Height: 9' Reflectances: 80/50/20 Workplane: 2.5'
LLF: 1.0 initial Space; Open room, 50' x 40' x 9'

1.25"

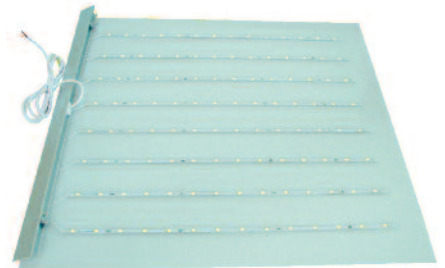
SIDE



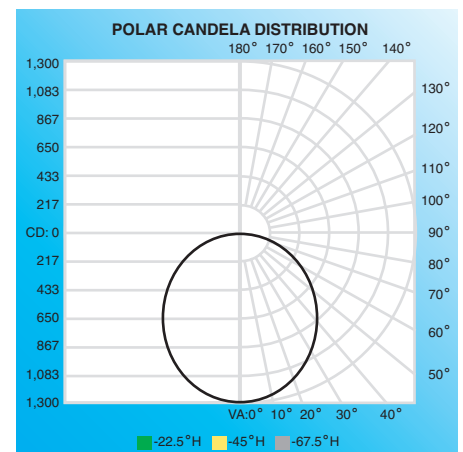
BACK



BACK SHOWING DIMMING CONTROL*



INTERIOR SHOWING LEDs



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