G2 LED | OL Series
Ceiling Grid LED Lighting Panels

Product Overview

G2LED Ceiling Grid Lighting Panels offer companies and organizations an opportunity to convert to environmentally safe LED Indoor Panel Lighting.

G2LED addresses the issues associated with fluorescent panels while providing significant savings.

- Provides an attractive spread of white light that's gentle to the eyes and minimizes eye strain
- Eliminate the 'buzzing' noise common with FL
- UV-free to eliminate fading of art and photos
- Reduced heating expense, LED stays cool

Applications

- Office
- Hallway
- Basement
- Museums
- Photo Galleries
- Corporations
- Retail Stores
- Schools
- Hospitals
- Restaurants

SL Series Variations

Product Code	LED Watts	Lumens	Color Temp.	Size
OL2-1108	8	800	3500K	2x2
OLE-8 Emergency	8	800	3500K	2x2
OL2-1115	15	1500	3500K	2x2
OL2-1130	30	3000	3500K	2x2
OL2-3545	45	4500	3500K	2x2
OL2-5545	45	4500	5500K	2x2
OL2-5545-C Digital	45	4500	5500K	2x2
OL4-0060	60	6000	5000K	2X4
OL4-3560	60	6000	3500K	2X4
OL4-5530	30	3000	5500K	2X4
OL4-5545	45	4500	5500K	2X4
OL4-5560	60	6000	5500K	2X4
OL4-5560-C Dimmable	60	6000	5500K	2X4

Key Benefits and Features

- Significant Energy Savings
  - Reduce energy consumption by 50-85%
- Increased brilliancy
  - Produces a more visible "white light" compared to yellow or dim lighting.
  - Improved light quality and reduced glare
- UV Free | Reduce fading of photos and art
- Instant On
- Lower heat emission
- Military grade construction
- Install as new or as a retrofit to existing lighting
- Patented (US and International) LED technology

Supports Green Initiatives

- 100 Mercury Free
- No Toxic Materials
- 160,000 light hours per LED unit
- Made in the USA
- International Dark-Skies Association
  - Full cutoff compliant
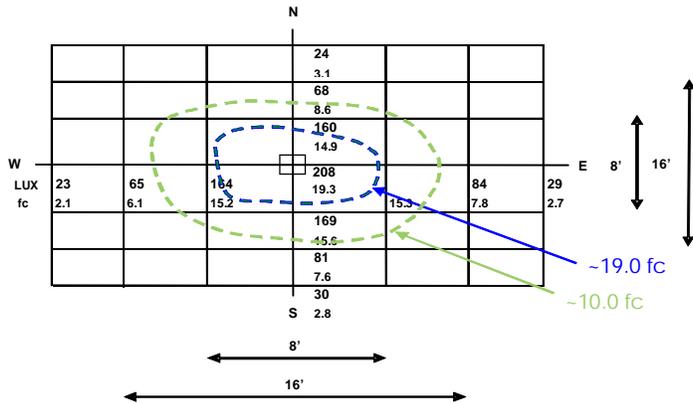- Exceeds Energy Independence and Security Act requirements

MADE IN THE USA
Designed, engineering and manufactured in Texas, USA by Ringdale Technologies.

caberra systems

Photometrics

~19.0 fc

~10.0 fc

The schematic below shows the light level measurements for a G2LED 2′ x 2′ Recessed Panel Light at an 8 ft. ceiling height and a 30″ task level (desktop) height. The data shows that the Recessed Panel Downlight provides 10-19 footcandles (fc) coverage in an 8-16 ft. area of light.

Product Numbers	2x2 PANELS	2x4 PANELS
	00-27-0601-1108 (8W)	00-27-4601-0060 (60W)
	00-27-0601-1109 (8W)	00-27-4601-3560 (60W)
	00-27-0601-1115 (15W)	00-27-4601-5530 (30W)
	00-27-0601-1130 (30W)	00-27-4601-5545 (45W)
	00-27-0601-3545 (45W)	00-27-4601-5560 (60W)
	00-27-0601-5545 (45W)	00-27-4601-5560-C (60W)
	00-27-0601-5545C (45W)	

	2x4, recessed		Optional mounting upon request	
Light Output	Replaces 60-120w conventional	Finishes	White Standard Custom Colors Available
Voltage	Universal 100v-277v	Fixture Design	Commercial grade aluminum surround Fixture utilizes standard 3 wire connection
Power	Up to 42 watts		
Power Factor	>.91	Input Voltage	100-277V AC
Color Temp.	Choice: 3500K, 5500K		
LED Performance	Generation 2 LED SE x4	Efficacy	85-160 Lumens/Watt
		Scotopic Advantage	Factor x1.7
Warranty	5 year	Patents	3 international patents

Factory Installed Options

- Motion Sensor
- Digital Control
- Dimmer
- Mounting Hardware
- Battery Backup Opt – 10-15 hrs/charge, 4-6 year life
- Backup power supply Redundancy applications
- Bulletproof Industrial Glass

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