

DATA LUME - LEDP2240W

GORDON
ARCHITECTURAL + ENGINEERED SOLUTIONS

2'x2' LED PANEL LIGHTS FOR ROD SUSPENDED CEILINGS

The DataLUME Model LEDP2240W 2' x 2' LED Panel is designed to lay in Gordon G20 or G38 series rod-suspended structural Data Center and Cleanroom ceiling systems.

The standard LEDP2240W LED Panel is available in a neutral color temperature and offers 0-10V DC Control dimming.

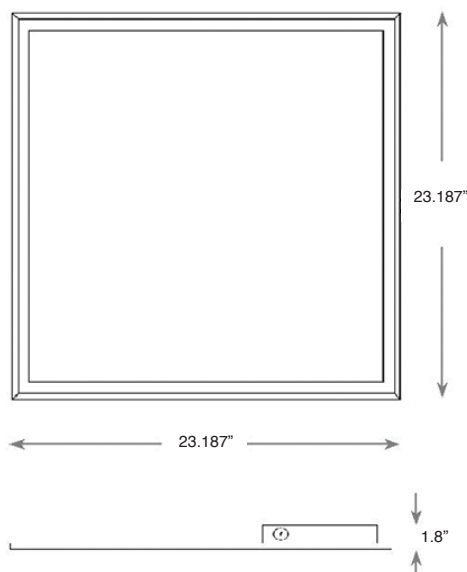
The LEDs enable long life, high lumen maintenance, and high CRI. LED Panels are low maintenance, and constructed without hazardous materials.

■ Features

- Panel frame is extruded aluminum, painted white
- Ultra thin for narrow plenums
- Delivered Light Output: 4,000 lumens
- Input Power: 40 watts
- CRI: 80
- CCT: 4,000K, 5,000K
- Input Voltage: 100-277 VAC
- Warranty: 5 years
- Lifetime: Designed to last 50,000 hours
- Dimming: 10% - 100% with 0-10V dimming controls
- Mounting: Recessed, Suspension
- Dimensions: L 23.187" x W 23.187" x H 1.8"
- Weight: max 7 lbs.
- Certification: cETLus, Fcc
- Environment: Damp location
- Also available in 2' x 4'
- Fits standard T-bar and narrow grid drop ceilings
- 7/8" conduit knock out provided



Dimensions:



Product Specifications

ITEM	SPECIFICATION	DETAILS
General Performance	Spacing Criteria	Available upon request
	Wattage (W)	40W
	Color Temperature (CCT)	5000K
	Nominal Lumens Delivered	4000lm
	Efficacy (LM/W)	100lm/w
	CRI	90
	Color Consistency	Proprietary binning for uniform color
Electrical	Lumen Maint. (L70)	More than 50,000 hours
	Power Factor	Over 95%
	Input Voltage	100V-277V 50/60 Hz
Control	Power Consumption	40 watt nominal
	Dimming Switch	Standard 0 - 10V dimming 10%-100%
Physical	Linking Lengths/Qty	15 cable feet x 20 panels
	Dimensions	23.2" x 23.2" x 1.8"
	Weight	Max 7 lbs.
	Housing	Aluminum
	Lens	Translucent white PS
Certification	Operating Temperature	-5°F to 104°F
	Humidity	20% - 85% RH, non condensing
	Certification	cETLus, FCC
	Material Usage	RoHS compliant; no mercury
	Environment	Damp location
	Warranty	Five year

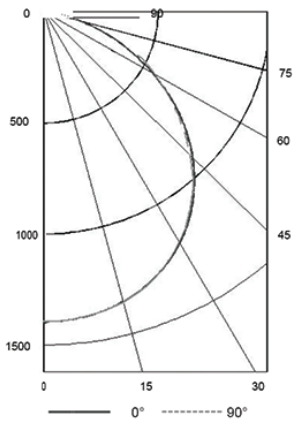
DATA LUME - LEDP2240W

2'x2' LED PANEL LIGHTS FOR ROD SUSPENDED CEILINGS



Photometry

LEDP2240W / Test Wattage: 38.4W



Intensity (Candlepower) Summary

Angle	0°	90°
0°	1361	1361
5°	1355	1356
15°	1298	1297
25°	1202	1198
35°	1079	1075
45°	893	890
55°	709	705
65°	488	485
75°	251	246
85°	54	58
90°	1	2

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fix
0-30	1043	27.0%	27.0%
0-40	1739	44.3%	44.3%
0-60	3089	78.7%	78.7%
0-90	3925	100%	100%

Application Reference

Open Space					
Spacing	Lumens	Wattage	LPW	w/ft ²	Average fc
8 x 8	4000Lm	40	100	0.62	56
8 x 10	4000Lm	40	100	0.50	45
10 x 10	4000Lm	40	100	0.40	35
10 x 12	4000Lm	40	100	0.33	29

9' ceiling: 80/50/20 reflectances, 2.5' workplane, open room, CCT: 4000K
LLF: 1.0 Initial. Open Space: 50' x 40' x 10'

Luminaire Ordering Information:

Watts	Order Number	Model Number	Nominal Lumens	Lamp Life (Hrs .)	Dimensions (L"xW"xH")	CCT
38		LEDP2240W	4000	50,000	23.187"X 23.187"X 1.8"	5000



5023 HAZEL JONES RD.
BOSSIER CITY, LA 71111
800.747.8954
GORDON-INC.COM
SALES@GORDON-INC.COM

