

Luminex™ 2040D_G2 _ DIRECT-LIT LED 2x4 PANEL

4/12/2014 Updated

A high performance LED panel designed to lay in to drop ceilings; typically used to replace 2'x 2' and 2'x 4' fluorescent fixtures. Suitable for office, school, hospital and medical facility applications. Panels are fully dimmable, and are compatible with building controls, motion sensors, timers, and daylight harvesting systems.

The design of the panels produces an even, consistent shadowless light. The LEDs mean long life, high lumen maintenance, high CRI, and low maintenance, with no hazardous materials.



PROJECT NAME	
CATALOG NUMBER	
LOCATION	
NOTE	

FEATURES:

- Lumens: 3500K: 4120 / 4100K: 4350 / 5000K: 46000 Lumens
- 42 Watts Nominal
- 3500K, 4100K, 5000K
- 50,000 Hour Life (L70)
- 15 Lbs
- Standard dimming: 0-10V dimming
- Wireless control / Occ./Lux sensor optional
- 5 Year limited warranty
- CRI >82
- Fits standard T-bar and narrow grid drop ceilings
- LM79 Test data available
- Also available in 1x4 and 2x4
- Standard white finish
- Translucent white polystyrene face frame



CONTROL:

- Energy Harvesting wireless control
- 0~10V Dimming

CONSTRUCTION:

- Frame is satin polycarbonate, Housing is steel.
- Lens is translucent white polycarbonate
- Profile including the control box is 3.9 inches
- Unique mounting gives flush-fit in drop ceiling

Luminaire Ordering Information:

Typical Order Example - L200D423582_G2

	Dimension	Optic	Wattage	Color	CRI	Finish	Option	Dimming
Luminex™	2040 = 2'x4'	D = Direct_Lit	42 = 42 Watt	35 = 3500 41 = 4100 50 = 5000	82 = CRI 82	Blank = Off White Standard		0~10V

Optional Accessories:

Item	Model Number	Description
Luminex™	L-PCSK	Aircraft cable suspension kit

OPTIONS: Add option's suffix (below) to model numbers (above) when

Option's	Item	Description
RP	Remote PSU	
EM	Emergency Battery	90 min. @ 30% output

Option Descriptions:

Remote Driver: Allowing for an installation depth of just 2 inches, **Emergency Battery Backup:** 90 min. @ 30% output

*Preliminary Data at time of printing, contact Factory for Final LM-79 Report Installation Instructions, LM-79 Testing, IES Files available online:



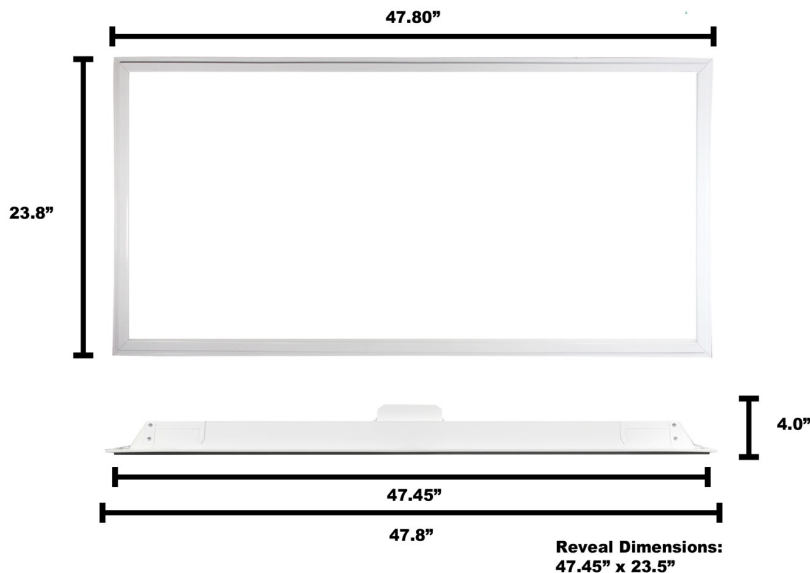
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▪ SPECIFICATION:

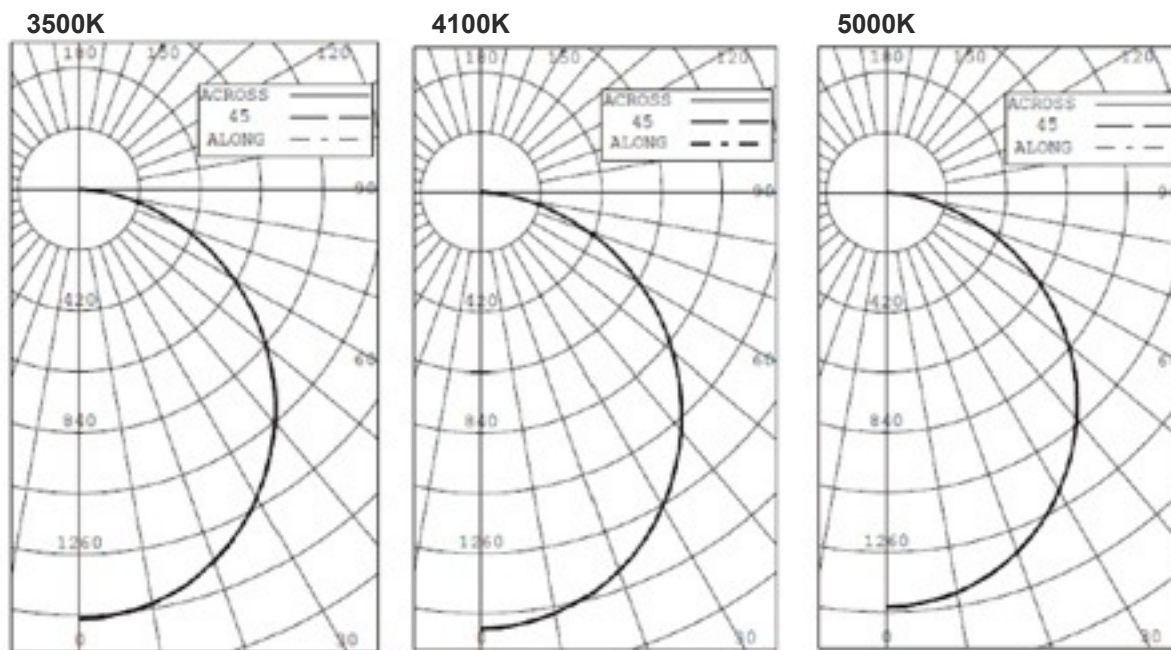


Item	Specification	Description		
General	Spacing Criteria	Available upon request		
Perform	Color Temperature	3500K	4100K	5000K
	Lumen Output	4120	4350	4600
	Efficacy	98Lm/W	103Lm	105Lm/
	Color Consistency	Proprietary binning for uniform		
	Lumen Maintenance	50,000 hours		
Electric	Power Factor	> 0.95		
	Input Voltage	120-277V, 50/60Hz		
	Power Consumption	42 Watt Nominal		
Control	Dimming	0~10V Dimming, Standard		
Physical	Dimension	47.75" x 23.75" x 3.9"		
	Weight	15 lbs		
	Heat sink -Frame	Steel		
	Optics	Translucent white polystyrene		
	Application	Fits standard grid for drop		
	Operating	-4°F to 122°F		
	Humidity	20% - 85% RH, Non condensing		
Certifica	Certification	ETL, cETL		
	Material Usage	RoHS compliant, No mercury		
	Environment	Dry location, Indoor Use		
	LED Class	L70 rated to 50,000 hours		



Lighting layouts and spacing criteria available upon request
 *Data shown is preliminary, please contact eLuxnet for most current report data

PHOTOMETRICS:



Lighting layouts and spacing criteria available upon request
 Installation Instructions, LM-79 Testing, IES Files available online

