Luminex™

Innovative *LED* Lighting Fixture

eLuxnet

Luminex™ *2020D_G2* _ DIRECT-LIT FLAT LED 2x2 PANEL

A high performance LED flat 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.

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PROJECT NAME	
CATALOG NUMBER	
LOCATION	
NOTE	

FEATURES:
- Lumens: 3500K: 3550 / 4100K: 3780 / 5000K: 3750 Lumens
- 40 Watts Nominal
- 3500K, 4100K, 5000K
- 50,000 Hour Life (L70)
- 9.25 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:
- Standard integrated driver, with optional remote PSU available
- Up to 20 panels can be linked to each master panel

CONSTRUCTION:
- Fixtures are Type IC rated for contact with insulation after installation
- Lens is translucent white polycarbonate
- Profile including the control box is 3.5 inches
- Unique mounting gives flush-fit in drop ceiling

Luminaire Ordering Information:
Typical Order Example - L2020D403582_G2

	Dimension	Optic	Wattage	Color	CRI	Finish	Option	Dimming
Luminex™	2020 = 2'x2'	D = Direct_Lit	40 = 40 Watt	35 = 3500 41 = 4100 50 = 5000	82 = CRI 82	Blank = Off White Standard		G2 = 0~10V

Optional Accessories:

Item	Model Number	Description
Luminex™	L-PCSK	Aircraft cable suspension kit
	L-2020DSMK	Surface mount kit 2x2 Direct-Lit

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

Option's	Item	Description
RP	Remote PSU	Allowing for an installation depth of just 2"
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:

ETL FC

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4/12/2014 Updated

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Item	Specification	Description		
General	Spacing Criteria	Available upon request		
Perform	Color Temperature	3500K	4100K	5000K
	Lumen Output	3550	3780	3750
	Efficacy	89Lm/W	95Lm/	95Lm/
	Color Consistency	Proprietary binning for uniform		
	Lumen Maintenance	50,000 hours		
Electric	Power Factor	> 0.95		
	Input Voltage	120-277V, 50/60Hz		
	Power Consumption	40 Watt Nominal		
Control	Dimming	0~10V Dimming, Standard		
	Linking Length / Qty'	15' -20 Panels Daisy Chain		
Physical	Dimension	23.75" x 23.75" x 3.5"		
	Weight	9.25 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		

MASTER / SATELLITE DEFINITION: Each panel can be wired as a Master/Satellite panel. During mounting, one fixture in the room should be wired as a Master, and the others in the room should be wired as a Satellites. With standard low voltage phone bell cable.
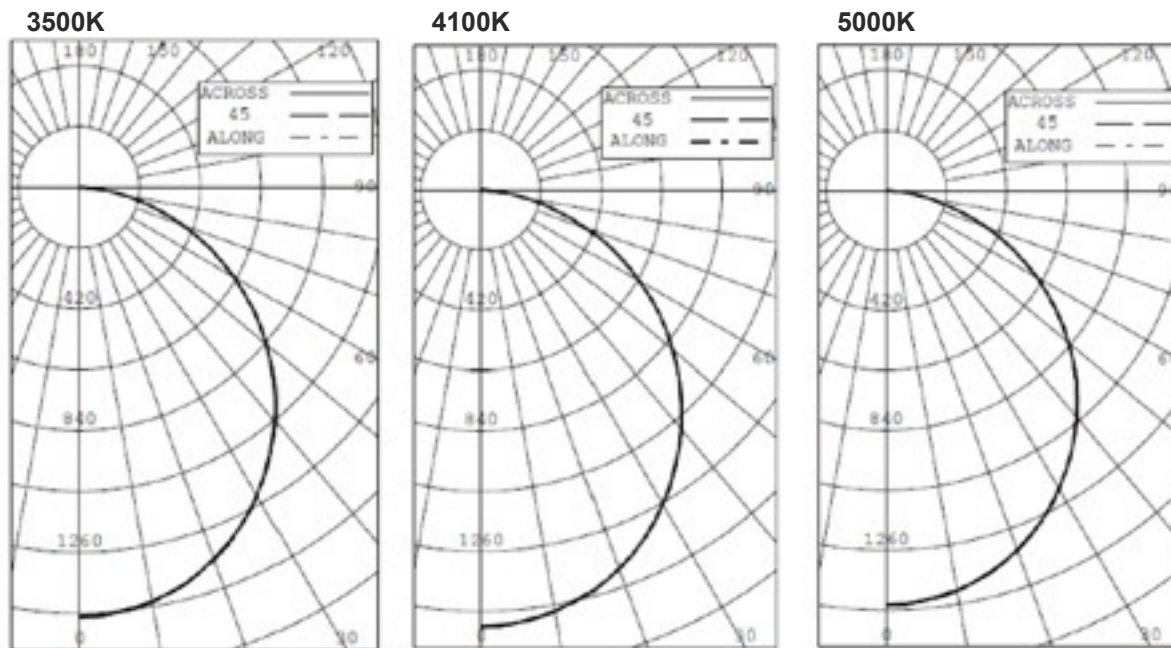
BUILDING AUTOMATION COMPATIBLE: Multiple panels can also be controlled from a single source. The panels can be linked to building automation systems. Contact your Eluxnet representative for inquiries involving dimming control methods other than 0-10V, IR or Simple Dimming.

DIMENSIONS:

Reveal Dimensions: 23.4" x 23.4"

23.75"

23.75"

3.5"

23.4"

23.75"

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

PHOTOMETRICS:

3500K

4100K

5000K

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