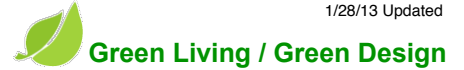


## Luminex™ 1040E\_G3 \_ EDGE-LIT FLAT LED 1X4 PANEL

1/28/13 Updated



A high performance LED flat panel designed to lay in to drop ceilings; typically used to replace 1'x4' 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: 3800 lm / 4000K:3900lm / 5000K: 4100 Lumens
- 45 Watts
- CCT :3500K, 4000K, 5000K
- 50,000 Hour Life (L70)
- 10.8 Lbs
- 0-10V dimming
- 5 Year Warranty
- CRI: 85(Typ.)
- Optional remote power supply as required
- Surface mount and suspension kits available



### CONTROL:

- Standard discrete driver on back
- Up to 15 panels can be linked to each master panel

### CONSTRUCTION:

- The housing and back panel are aluminum providing heat sink and thermal control capabilities
- Lens is translucent white polycarbonate
- Profile including the control box is 2 inches
- Unique mounting gives flush-fit in drop ceiling
- Modular construction for easy replacement

### Luminaire Ordering Information:

#### Typical Order Example - L1040E453585\_G3

	Dimension	Optic	Wattage	Color	CRI	Finish	Option	Dimming
L = Luminex	1040 = 1'x4'	E = Edge-Lit	45 = 45 Watt	35 = 3500 40 = 4000 50 = 5000	85 = > 85	Blank = Off White Standard	RP = Remote PSU	G3 = 0~10V

### Optional Accessories:

**OPTIONS:** Add option's suffix (below) to model numbers (above) when ordering options. (ie: L1040E453585\_RP\_G3)

Item	Model Number	Description	Option's Suffix	Item	Description
Luminex™	L-PCSK	Aircraft cable suspension kit	RP	Remote PSU	Allowing for an installation depth of just 2"
	L-1040ESMK	Surface Mounting Kit 1x4 Edge-Lit			



## Luminex™ 1040E\_G3\_ EDGE-LIT FLAT LED 1X4 PANEL

1/28/13 Updated

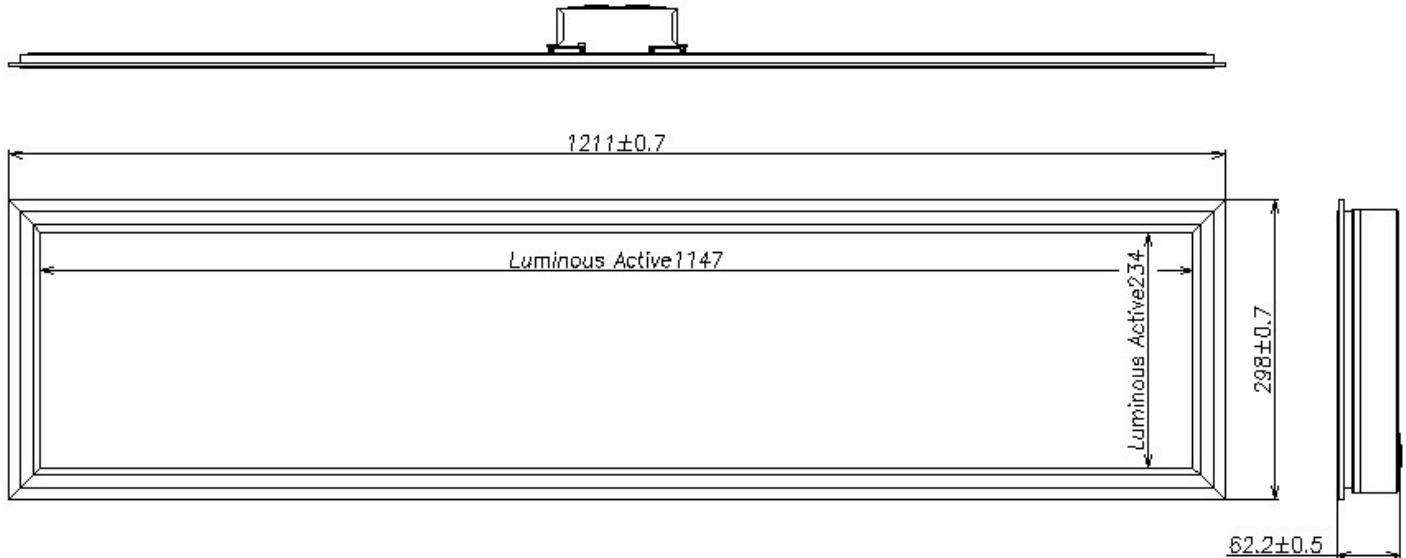


▪ **SPECIFICATION:**

Item	Specification	Description	
General	Spacing Criteria	Available upon request	
Performance	Color Temperature	3500K	5000K
	Lumen Output	3800	4100
	Efficacy	85Lm/W	93 Lm/W
	Color Consistency	Proprietary binning for uniform color	
	Lumen Maintenance (L70)	50,000 hours	
Electrical	Power Factor	> 0.9	
	Input Voltage	100-277VAC, 50/60 Hz	
	Power Consumption	45 Watt	
Control	Dimming	0~10V Dimming	
LED	Samsung 2323 LEDs	SPMWH221MD5WAU0S0	
Physical	Dimension	11.7" x 47.7" x 5/8"	
	Weight	10.8 lbs	
	Heat sink -Frame Extrusion	Aluminum	
	Optics	Light Refraction / Acrylic Diffusion	
	Application	Fits standard grid for drop ceilings	
	Operating Temperature	-20°F to 130°F	
Certification	Humidity	20% - 85% RH, Non condensing	
	Certification	ETL, cETL	
	Material Usage	RoHS compliant, No mercury	
	Environment	Dry location, Indoor Use	
	LED Class	L70 rated to 50,000 hours	

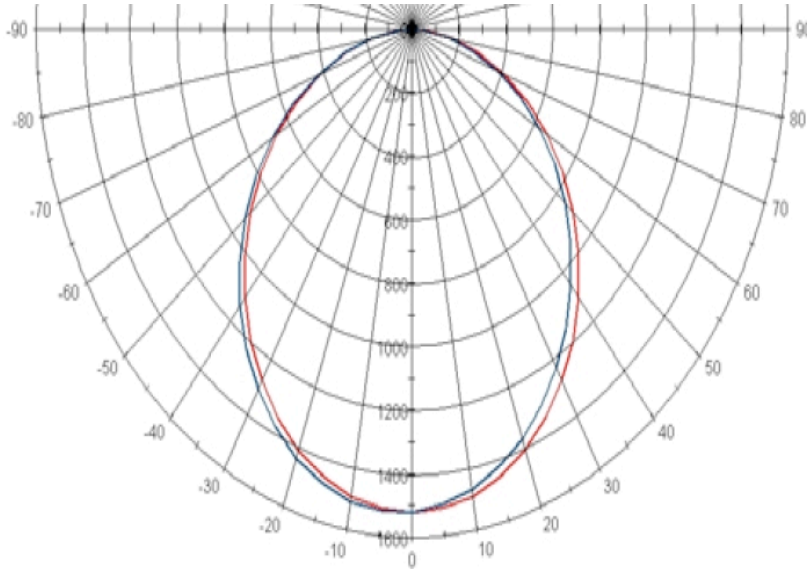


▪ **DIMENSION:**

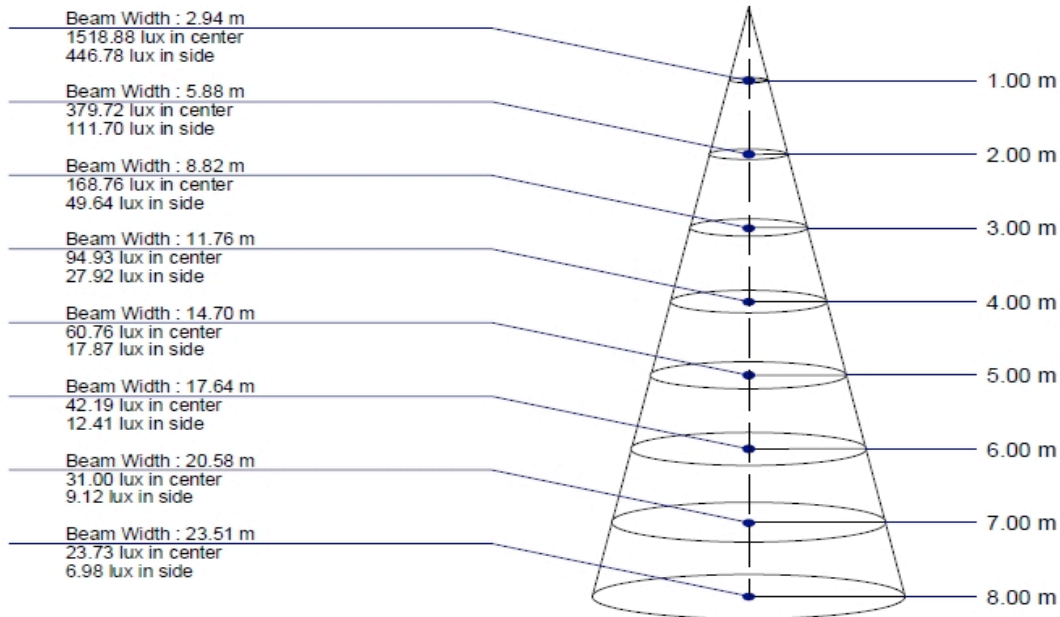


## Polar Distribution

(1'X4' 45W, 4,000K)



## Conical Illuminance



Average Beam Angle = 111.5°  
 Max. Beam Angle = 112.0° at  $\Phi 1 = 0^\circ \sim \Phi 2 = 180^\circ$   
 Min. Beam Angle = 111.2° at  $\Phi 1 = 110^\circ \sim \Phi 2 = 290^\circ$

