

Luminex™ G1 **_6E_** EDGE-LIT FLAT LED 6" Square PANEL

6/28/12 Updated



A high performance LED flat panel designed to lay in to drop ceilings; 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: 3200K/4500K: 1012 / 5500K/6700K: 1080 Lumens @ CRI 80
- Lumens: 3200K/4500K: 877 / 5500K/6700K: 1012 Lumens @ CRI 90
- 15 Watts
- CCT: 3200K, 4500K, 5500K, 6700K
- 50,000 Hour Life (L70)
- 1.1 Lbs
- DMX dimming
- 5 Year Warranty
- CRI: 80, 90
- Optional remote power supply as required
- Surface mount and suspension kits available



- Frame Finish : Aluminum, White Painting

CONTROL:

- Standard discrete driver on back
- DMX repeater required for 0~10v dimming control, Up to 200 panels per repeater

CONSTRUCTION:

- The housing and back panel are aluminum
- Unique mounting gives flush-fit in drop ceiling providing heat sink and thermal control capabilities
- Lens is translucent white polycarbonate
- Profile i: 1/2"

Luminaire Ordering Information:

Typical Order Example - Catalog# : L6E1535H_RP_G1

	Dimension	Optic	Wattage	Color	CRI	Option	Dimming
L = Luminex™	6 = 6" Square	E = Edge-Lit	15 = 15 Watt	35 = 3500 45 = 4500 55 = 5500 67 = 6700	M = 80 H = 90	RP = Remote PSU Max. 50 ft	G1 = DMX

Optional Accessories:

Item	Model Number	Description
Luminex™	L-PSK	Aircraft cable suspension kit
	L6ESMK	Surface mount kit 6" SquareEdge-Lit



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■ SPECIFICATION

Item	Specification	
1 Outline Dimension	6(W) x 6(L) x 1/2(H) [Inch]	
2 Weight	1.1 [lbs]	
3 Operating Temperature	14 [°F] ~ 132 [°C]	
4 Operating Voltage	100~ 277 [VAC], 50/60Hz	
5 DC Output	48V TYP.	
5 Nominal Input Power	15 [Watt]	
6 PSU P.F. >0.9	Model	JH-80HE
	Certification	UL E343524
	Dimming Signal	DMX512

■ PRODUCT IMAGE

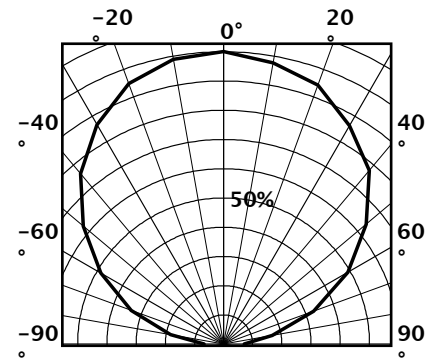


• Frame Finish : Aluminum, White Painting

■ PHOTOMETRIC

	Class		Condition	Luminous Flux *
	CRI(Ra)	CCT [°K]		Typ.[lumen]
1	CRI 80	3,200 / 4,500	15Watt., Ta=77°F	1012
2		5,500 / 6,700		1080
3	CRI 90	3,200 / 4,500		877
4		5,500 / 6,700		1012

■ POLAR DIAGRAM



■ DIMENSION

