

Luminex™ G1 **_1020E_** EDGE-LIT FLAT LED 1x2 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: 2025lm@ CRI80, 5500K: 2160lm @ CRI 80
- Lumens: 3200K/4500K: 1755lm @CRI90, 5500K: 2025lm @ CRI 90
- 30 Watts
- CCT: 3200K, 4500K, 5500K
- 50,000 Hour Life (L70)
- 8.2Lbs
- 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# : L1020E3035H_RP_G1

	Dimension	Optic	Wattage	Color	CRI	Option	Dimming
L = Luminex™	1020 = 1'x2'	E = Edge-Lit	30 = 30 Watt	35 = 3500 45 = 4500 55 = 5500	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
	L1020ESMK	Surface mount kit 1x2 Edge-Lit



Luminex™ G1_1020E_ EDGE-LIT FLAT LED 1x2 PANEL

6/28/12 Updated



■ SPECIFICATION

Item	Specification	
1 Outline Dimension	12(W) x 24(L) x 1/2(H) [Inch]	
2 Weight	8.2 [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	30 [Watt]	
6 PSU P.F. >0.9	Model	JH-80HE
	Certification	UL E343524
	Dimming Signal	DMX512

■ PRODUCT IMAGE

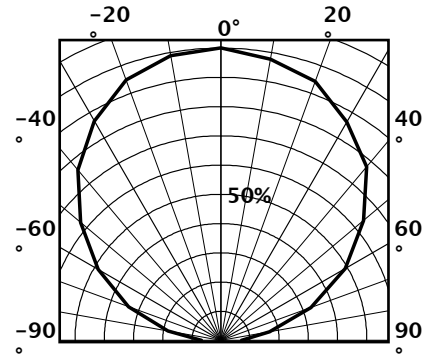


• Frame Finish : Aluminum, White Painting

■ PHOTOMETRIC

	Class		Condition	Luminous Flux *
	CRI(Ra)	CCT [°K]		Typ.[lumen]
1	CRI 80	3,200 / 4,500	30Watt., Ta=77°F	2025
2		5,500 / 6,700		2160
3	CRI 90	3,200 / 4,500		1755
4		5,500 / 6,700		2025

■ POLAR DIAGRAM



■ DIMENSION

