

Luminex™ G1 **_1030E_** EDGE-LIT FLAT LED 1x3 PANEL

6/28/12 Updated



Green Living / Green Design

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: 3037 / 5500K/6700K: 3240 Lumens @ CRI 80
- Lumens: 3200K/4500K: 2632 / 5500K/6700K: 3037 Lumens @ CRI 90
- 45 Watts
- CCT: 3200K, 4500K, 5500K, 6700K
- 50,000 Hour Life (L70)
- 10.8 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# : L1030E4535H_RP_G1

| | Dimension | Optic | Wattage | Color | CRI | Option | Dimming |
|--------------|--------------|--------------|-------------|--|------------------|-------------------------------|----------|
| L = Luminex™ | 1030 = 1'x3' | E = Edge-Lit | 45 = 45Watt | 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 |
| | L1030ESMK | Surface mount kit 1x3 Edge-Lit |



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■ SPECIFICATION

| Item | Specification | |
|-------------------------|-------------------------------|------------|
| 1 Outline Dimension | 12(W) x 36(L) x 1/2(H) [Inch] | |
| 2 Weight | 10.8 [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 | 45 [Watt] | |
| 6 PSU P.F. >0.9 | Model | JH-80HE |
| | Certification | UL E343524 |
| | Dimming Signal | DMX512 |

■ PRODUCT IMAGE

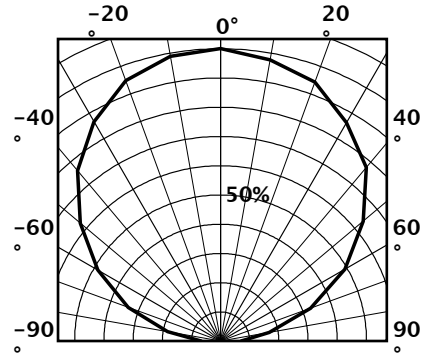


• Frame Finish : Aluminum, White Painting

■ PHOTOMETRIC

| | Class | | Condition | Luminous Flux * |
|---|---------|---------------|---------------------|-----------------|
| | CRI(Ra) | CCT [°K] | | Typ.[lumen] |
| 1 | CRI 80 | 3,200 / 4,500 | 45Watt., Ta=77°F | 3037 |
| 2 | | 5,500 / 6,700 | | 3240 |
| 3 | CRI 90 | 3,200 / 4,500 | | 2632 |
| 4 | | 5,500 / 6,700 | | 3027 |

■ POLAR DIAGRAM



■ DIMENSION

