



LU Wall Pack LED Luminaire



Applications:

The LU Series is Greenstar’s revolutionary designed LED Wall Pack. It is a high performance, energy efficient, solid state fixture ideal for new applications or retrofitting traditional wall pack installations. This fixture provides for one of the fastest installation procedures in the market, which translates directly to lower total installed costs. It is designed to be a true 250W & 400W HID replacement generating up to 65% energy savings. The revolutionary design provides the installer with the option to customize the light distribution for each fixture by using a sealed on board adjustment port. The adjustment feature provides up to a full 50° forward throw for wide area lighting or down to a 0° full cutoff down light.

PATENT PENDING

Features:

Construction—The LU series is designed with a rugged, corrosion-resistant, die cast aluminum housing with stainless steel hardware for durability and strength. An epoxy powder-coated finish provides excellent resistance. Acrylic LED array cover. The LU is sized to cover all wall pack installation locations, thus preventing the need for cosmetic retouching of prior installations.

LED’s—The LU incorporates advanced high-efficiency Philips Lumiled Luxeon M 4100K (70CRI) or 5700K (75CRI) for superior performance. The LED’s are mounted to a metal core PCB (printed circuit board) and finned aluminum heat sink which uses a patented technology that maximizes heat transfer providing long LED life.

Electrical—The Luminaire is available in 100-277V or 347-480V at 50/60Hz. Power Factor of >95%. Total Harmonic Distortion (THD) is <10%.

Optics—Light opens to a 120° angle. Innovative, patent-pending, 0-50° tilt of the LED board allows for field-adjustability of the light for various coverage and applications.

LED Rated Life (L75) - These high quality LED’s are rated for approx. 100,000 hours @ 25°C (77°F) ambient environment per LM-80, TM21.

Protection/Ingress—LED and driver compartments are IP65 rated.

Operating Temperature Range—-40°C to +40°C

Surge Protection—10kV/10kA (ANSI/IEEE C64.41.2) is standard and replaceable.

Listings—ETL, UL, CSA, LM79, LM80, NEMA, IESNA, ASTM B117, DLC, ARRA and NAFTA compliant. NOM design conformance.

Ordering Table:

Example: LU4451RXXXX

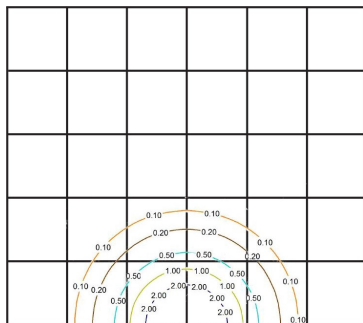
| Model | LED Quantity | CCT | Distribution | Voltage | Color | Control Options | Dimming | Option 1 | Option 2 |
|-------|--------------|-----------|--------------|--------------|------------|-----------------|-------------|---------------|----------|
| LU | 4 | 4 = 4100K | 5 = Type V | 1 = 100-277V | R = Bronze | X = None | X = None | X = None | X = None |
| | 6 | 6 = 5700K | | 50-60 Hz | | | D = Dimming | P = Photocell | |
| | | | | 4 = 347-480V | | | (0-10vdc) | | |
| | | | | 50-60Hz | | | | | |



Gore Pressure Equalization Vent

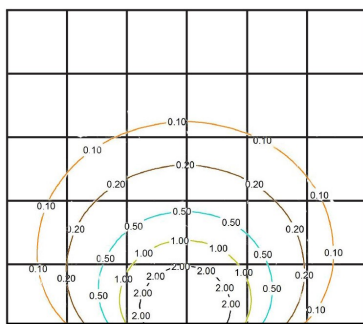
Photometrics:

LU6651RXXX, mounted at 20', 0° tilt



*** Each grid is 25ft.

LU6651RXXX, mounted at 20', 40° tilt



*** Each grid is 25ft.

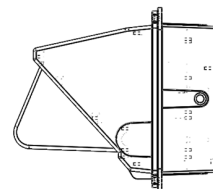
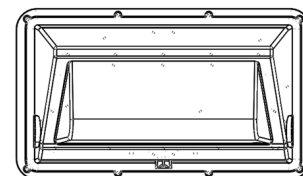


LU6, Showing 0° tilt



LU6, Showing 50° tilt

Weights/Dimensions:



LU

Length: 19.22 in. (48.82 cm)

Width: 11.1 in. (28.19 cm)

Height: 12.38 in. (31.45 cm)

Weight: 19 lbs.

Performance Summary:

| Model | Input Watts | Input Current (A) | | | Distribution Type | 4100K | | 5700K | |
|-------|-------------|-------------------|------|------|-------------------|--------|----------|--------|----------|
| | | 120V | 240V | 277V | | Lumens | Efficacy | Lumens | Efficacy |
| LU4 | 55 | 0.46 | 0.23 | 0.20 | V | 4,970 | 90 | 4,997 | 91 |
| LU6 | 80 | 0.67 | 0.33 | 0.29 | V | 7,075 | 88 | 7,252 | 89 |

Preliminary measurements at 0° tilt

Mounting:

Easy to install mounting plate which allows the fixture to be quickly installed. 4—1/2" threaded conduit ports allow for easy conduit termination in an external wiring environment and/or the addition of a photo sensor.

Warranty:

5 year standard warranty



Removable Rapid



Photometric Adjustment Screw

*** All Specifications Are Subject To Change Without Notice ***



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