



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

DEM LED Decorative Emergency Unit

Features:

- Ultra-bright, long life white LED
- 2 LEDs per head (6 watts total per unit)
- Universal 120-277VAC voltage
- Charge rate/power "ON" LED indicator light and push to test switch for mandated code compliance testing
- 4.8V long life, maintenance free, rechargeable NiCd battery
- Internal solid-state transfer switch automatically connects the internal battery to LED board and LED lamp heads for minimum 90-minute emergency illumination
- Fully automated solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours
- Self-diagnostic test feature continually diagnoses performance and tests system to ensure reliable operation and to meet electrical and life safety codes
- Field-selectable wiring allows for "AC" operation of the unit to be controlled using a wall-switch or a photocell or any other switching mechanism

Applications:

Suitable for indoor or outdoor use where emergency lighting is needed

Construction:

- Die-cast aluminum housing
- Durable powder-coat finish
- Prismatic polycarbonate refractor
- Sealed and gasketed

Mounting:

- Surface mount via quick-connect back plate; fits most standard size junction boxes
- Universal K/O pattern on back plate for wall mount
- Threaded opening at the top of the enclosure for conduit mount

Certifications:

- UL listed for wet locations
- UL924
- NFPA 101 Life Safety Code
- NEC
- OSHA
- Local and State Codes

Ambient Operating Temp:

- 0°C to 50°C
- -20°C to 50°C with CW option

Warranty:

- 5 year limited warranty on housing and electronics. Battery pro rated for 5 yrs.
- see www.LumenFocus.com for complete warranty terms and conditions



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Ordering Guide:

example: DEM UV BZ SD-CW

| Series | Voltage | Housing Color | Diagnostics | - | Options |
|--------|---------|----------------------|-------------|---|-------------------|
| DEM | UV | | SD | - | |
| DEM | UV | WT BK BZ NC | SD | | Blank CW PC |

Voltage: UV 120-277V

Diagnostics: SD Self-Diagnostics

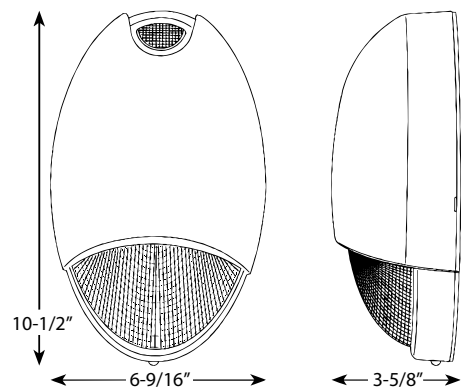
Housing Color: WT White
BK Black
BZ Bronze
NC Nickel

Options: Blank None
CW Cold Weather (-20°C to 50°C)
PC Photocell

Electrical Chart:

| Catalog # | Input Watts (W) | | Input Amps (A) | |
|-----------------------|-----------------|-------|----------------|-------|
| | 120V | 277V | 120V | 277V |
| DEM (w/ AC on) | 9.0 | 8.89 | 0.131 | 0.068 |
| DEM (w/ AC off) | 2.04 | 2.15 | 0.035 | 0.022 |
| DEM-CW (w/ AC on) | 18.47 | 58.89 | 0.210 | 0.248 |
| DEM-CW (w/ AC off) | 11.51 | 52.15 | 0.114 | 0.202 |
| DEM-PC (w/ AC on) | 9.0 | 8.89 | 0.131 | 0.068 |
| DEM-PC (w/ AC off) | 2.04 | 2.15 | 0.035 | 0.022 |
| DEM-CW PC (w/ AC on) | 18.47 | 58.9 | 0.210 | 0.248 |
| DEM-CW PC (w/ AC off) | 11.51 | 52.15 | 0.114 | 0.202 |

Schematic:



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Wiring Diagram:

