CANDELA LIGHTING

PROJECT

DATE

COMMENTS

EM18 18W EXTERIOR JUNCTION BOX EMERGENCY BATTERY, LI-ION BATTERY, 90 MIN. DISCHARGE TIME, 100-347V, 50/60HZ

Self-diagnostic emergency LED driver with an integral junction box, designed for exterior luminaires such as canopy and wall pack fixtures. It provides 18W of constant emergency power for at least 90 minutes during a power outage. Field or factory installation.

FEATURES

- Integral junction box with 1/2" NPT conduit entries
- For exterior LED luminaires, including canopy and wall pack fixtures
- cULus Listed to UL 924 and CSA C22.2 No. 141
- CEC Title 20 compliant
- Universal input, 120 to 347VAC, 50/60Hz
- 18W constant output power for 90 minutes
- Automatic self-testing: monthly 30-second and annual 90-minute tests
- Charge indicator and test switch
- Battery over-temperature protection
- 0-10V dimming interface and 12VDC auxiliary output for sensors
- Wiring options for wall switch, dimmer, and occupancy sensor
- Connects to the luminaire's LED driver input



SPECIFICATIONS

Input Voltage	120 to 347 VAC, 50/60Hz
Input Current	200mA max.
Charging Power	12W max.
Emergency Power	18W
Emergency Output Voltage	170VDC
Emergency Duration	90 minutes minimum
Recharge Time	24 hours
Auxiliary Output	12VDC, 0.17A
Ambient Temperature	0°C to 50°C (32°F to 122°F)
Dimensions (L x W x H)	7.95" x 4.96" x 3.28" (202 x 126.2 x 83.5mm)
Mounting Hole Spacing	8.66" x 3.62" (220 x 92mm)
Conduit Entries	1/2" NPT
Battery	Sealed, maintenance-free
Package Quantity	10 per carton

ORDERING LOGIC

EX: EM18

EMERGENCY	
EM18	18W Exterior Junction Box Emergency Battery, Li-Ion Battery, 90 Min. Discharge Time, 100-347V, 50/60Hz

NOTES

- Requires an unswitched AC source
- Not for use in hazardous locations or heated air outlets
- Voltage on the 0-10V dimming leads must be below 20VDC
- Fixture above 18W require a 0-10V dimming driver

DIMENSIONS



