

DBEL-ACEM-HL

Decorative Outdoor LED
AC/Emergency Unit

BEST
LIGHTING PRODUCTS

Project:	
Type:	
Catalog #:	

STANDARD



OPTIONAL



ILLUMINATION

- Long lasting, efficient, ultra bright white LEDs.
- 12.0 watts (2 LEDs x 6.0 watt) per unit.
- Mirror-bright reflector and prismatic polycarbonate refractor.
- Can be used as a Normally-ON or Normally-OFF luminaire as well as on a switched circuit.
- Dissipates 1286 lumens in AC mode and 350 lumens in DC mode.

ELECTRICAL

- Universal 120-277 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 for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.
- Self-diagnostic feature performs monthly, bi-annual, and annual tests to ensure reliable operation and meets electrical and life safety codes.
- Photocell control sensor included as standard for use as dusk-to-dawn luminaire.
- Field-selectable wiring allows for AC operation of unit to be controlled using a wall-switch, photocell or other switching mechanism.

MOUNTING

- Universal knockout pattern on back plate for wall mount.
- Threaded opening at the top of the enclosure for conduit mount.



HOUSING

- Decorative, low profile, architectural design.
- Die-cast aluminum housing
- Durable powder-coated finishes in white, black, nickel and dark bronze finish.
- Sealed and gasketed.

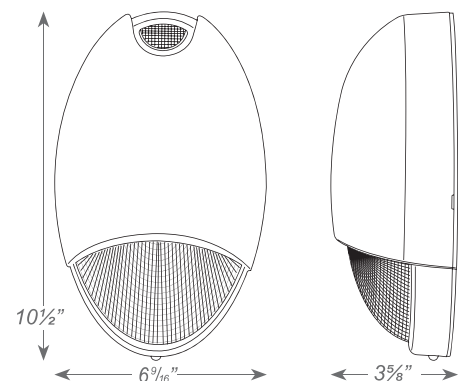
OPTIONS

- CW: Optional internal heater for extreme cold temperature applications (-30°C – 50°C).
- CEC: Certified to CEC under Title 20 Regulations.

WARRANTY / LISTING

- Five year warranty on all electronics and housing. Battery prorated for five years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for wet locations (0°C – 50°C).

DIMENSIONS



ORDERING INFORMATION

Sample Part Number: **DBEL-ACEM-HL-BR-SDT-PC**

MODEL	HOUSING COLOR		STANDARD FEATURE		STANDARD FEATURE		OPTIONS	
DBEL-ACEM-HL	W	White	SDT	Self-Diagnostics	PC	Photocell Sensor	CW	Cold Weather
	B	Black					CEC	Certified to TITLE 20
	BR	Dark Bronze						
	N	Nickel						

BEST LIGHTING PRODUCTS • 1213 ETNA PARKWAY, PATASKALA OH 43062 • 740-964-1198 • www.bestlighting.net

Specifications and dimensions subject to change without notice.

Project:	
Type:	
Catalog #:	

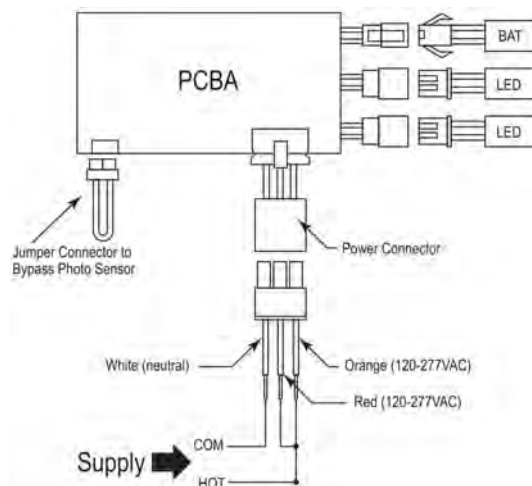
ELECTRICAL INFORMATION

CATALOG NUMBER	INPUT WATTS (W)	INPUT AMPS (A)
DBEL-ACEM-HL SDT	2.5	0.04
DBEL-ACEM-HL SDT CW	2.8	0.026

WIRING DIAGRAM

NORMALLY ON

Unit ON at all times.



NORMALLY OFF

Unit ON only in emergency mode.

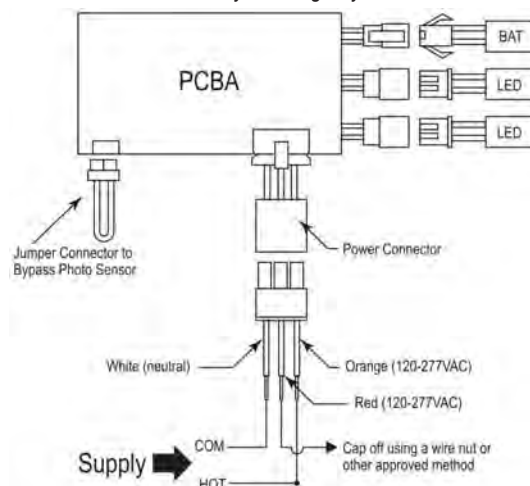
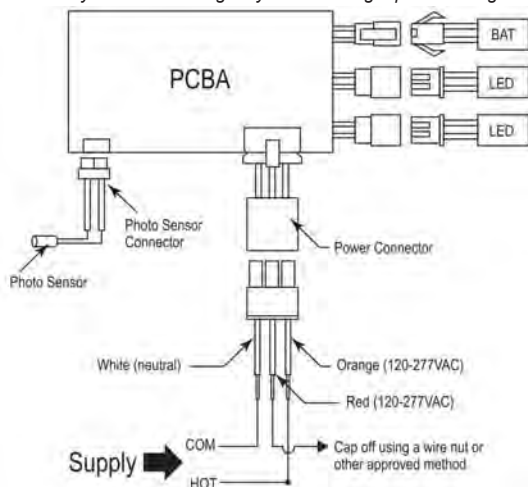


PHOTO SENSOR

Unit ON when there is not enough ambient light; will automatically switch to emergency mode during a power outage.



SWITCHED

Controlled operation in AC mode; will automatically switch to emergency mode during a power outage.

