US LED™
Always the Right Choice!

Decorative Emergency Unit
Emergency/Exit LED Lighting

Product Overview

US LED's decorative emergency unit is the perfect solution for projects requiring versatile emergency lighting. This emergency unit offers an ideal emergency operation with optimal spacing and light distribution.

Product Applications

- General Emergency Lighting

Product Certifications

- UL Listed
- Complies with UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes
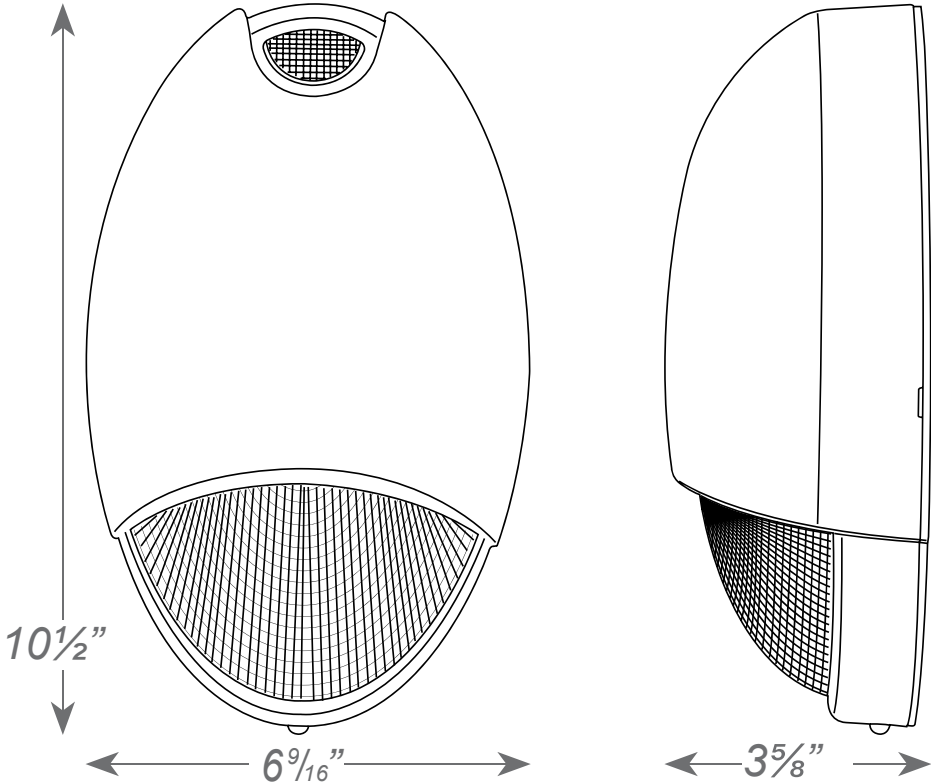- Suitable for Wet Locations
- RoHS Compliant

Key Features

- Decorative low-profile architectural design.
- Long life, high performance white LEDs.
- 12W (2 LEDs x 6W) per unit.
- Can be used as a normally-ON or normally-OFF light as well as on a switched unit.
- Dissipates 1,286 lumens in AC mode and 350 lumens in EM mode.
- Photocell sensor included as standard for use as dusk-to-dawn light.

Construction

- Robust die-cast aluminum housing optimizes thermal management.
- Housing is protected by a standard, corrosion resistant dark bronze powder coat finish.
- Unit is sealed and gasketed to protect integral components from harsh environments.
- Mirror-bright reflector and prismatic polycarbonate refractor.
- Internal heater for extreme cold temperature applications: -30°C to 50°C (-22°F to 122°F).

Warranty

- Backed by a Five-Year Warranty.

Electrical

- 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 for minimum 90 minutes of emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.
- Self-diagnostic test feature continually diagnoses unit performance and tests system to ensure reliable operation.
- Field-selectable wiring allows for AC operation of unit to be controlled using a wall-switch, photocell, or any other switching mechanism.

Mounting

- Surface mount via easy connect back plate that fits most standard size junction boxes.
- Universal knockout pattern on back plate.
- Threaded opening at the top for conduit mount.

Ordering Information

Example: **DBEL-ACEM-HL-BR-SDT-CW-PC**

DBEL-ACEM-HL				
Series	**Housing Finish**	**Self-Diagnostics**	**Cold Weather**	**Sensor**
	BR — Dark Bronze	SDT — Self-Diagnostics Test Feature	CW — Cold Weather Feature	PC — Photocell Sensor

DBEL-ACEM-HL-BR-SDT-CW-PC
033023

www.usled.com | 866-972-9191 | customerservice@usled.com

Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

1

Decorative Emergency Unit

Emergency/Exit LED Lighting

Dimensions

10½"

6⁹⁄₁₆"

3⅝"

DBEL-ACEM-HL-BR-SDT-CW-PC
033023

www.usled.com | 866-972-9191 | customerservice@usled.com

Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

2

Wiring Diagram

NORMALLY ON
*Unit **ON** at all times.*
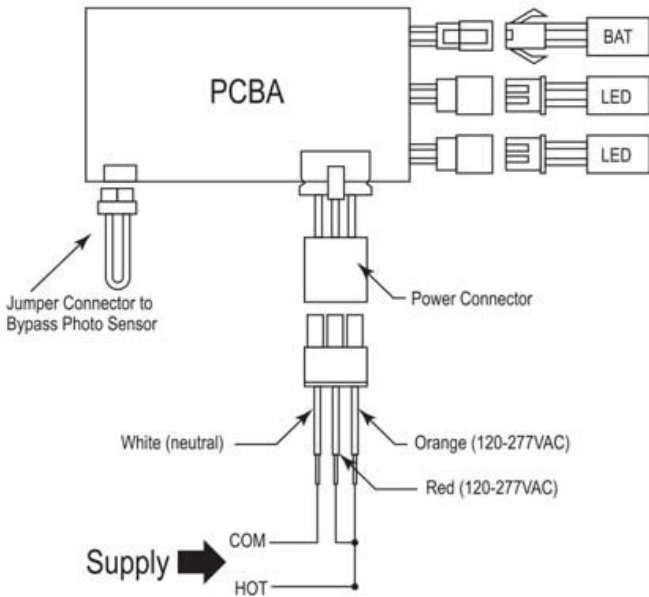
NORMALLY OFF
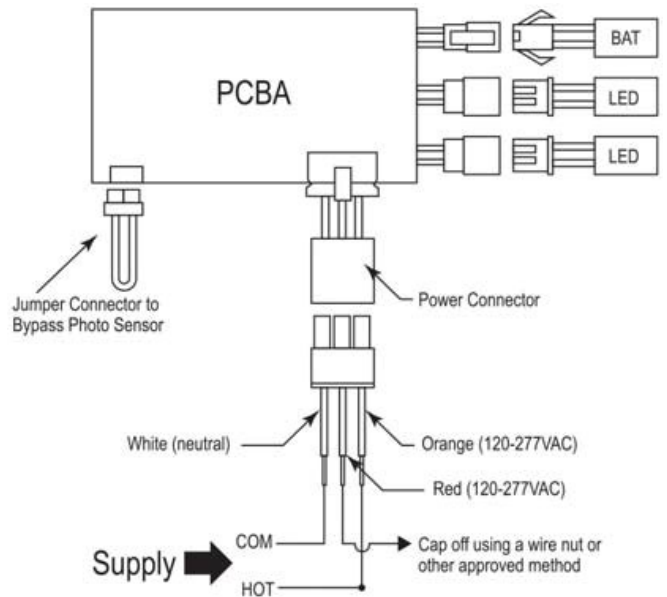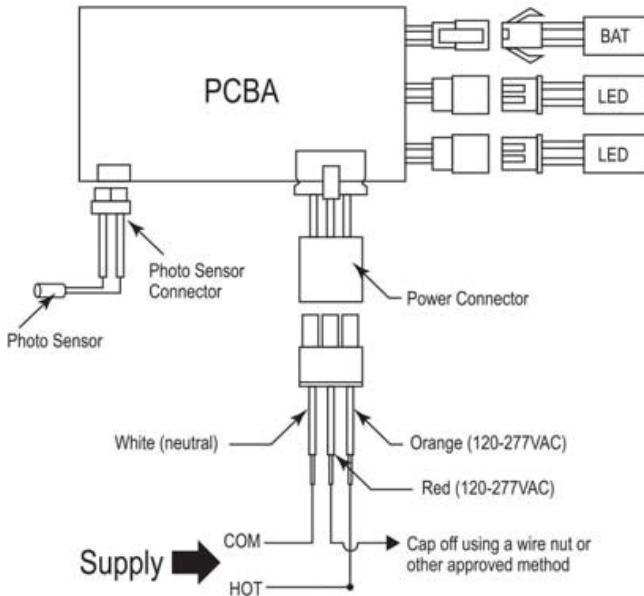*Unit **ON** only in emergency mode.*

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.

DBEL-ACEM-HL-BR-SDT-CW-PC
033023

www.usled.com | 866-972-9191 | customerservice@usled.com
Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

3