



# BECLLED Series Steel Combination Units

*Meets New York City Requirements*

## Description

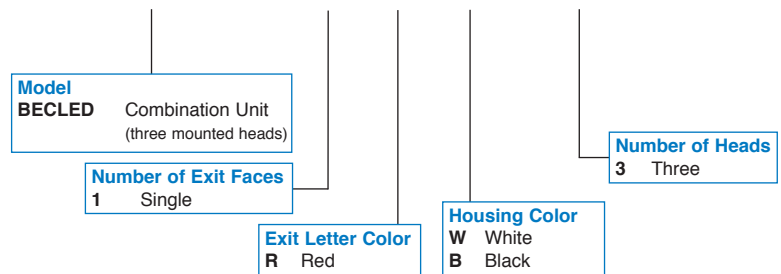
Wall mount combination emergency lighting unit/exit sign models with a choice of two or three top-mounted lighting heads. Rugged steel construction throughout.

## Features

- Rugged steel construction
- Fast, easy wall mounting
- 8 inch red letter models
- Universal directional chevrons provided by means of knockouts.
- Universal 120/277VAC field selectable input
- White finish standard, black finish optional
- High output LED exit lamps
- 90 minutes of emergency illumination
- Solid-state switching and charging circuits
- Maintenance free Lead Calcium battery
- Low voltage disconnect protects battery against deep discharge damage
- AC Lockout feature reduces installation time
- Momentary test switch
- LED AC Ready indicator light
- Meets NFPA Life Safety Code 101, NEC, OSHA, State and local codes
- UL Listed for use in damp locations
- UL924 Listed



## Ordering Guide



*NOTE: All product specifications shown are subject to change without notice.*

## Specifier Reference

## Accessories

Order Model	Description
PG-2	Wire Guard - Wall Mount

## Construction

**Housing, Cover and Stencil Face:** BECELED Series combination units are constructed of heavy duty steel finished in white baked-on powder paint providing scratch and corrosion resistance. Optional black (-B) finish is available, see Options on front for ordering details.

**Lighting Heads:** Impact resistant, UV stable, flame rated thermoplastic lamp housing and swivel assemblies in color to match unit housing. Lighting heads are fully adjustable and feature lockable swivels.

## Exit Face

**Letter Size:** 8" letters with 3/4" stroke

**Directional Indicators:** Removable chevron arrows sized to meet UL visibility requirements.

## Illumination

**Light Source:** Exit illumination is provided by the exit's indirect LED panel for both AC and emergency illumination. All models are supplied with three 12 volt, 12 watt halogen sealed beam lamps

**Lamp Life:** - LED AC/DC Lamps - 25 years, Incandescent DC lamps - 100 hours (estimated averages)

## Installation

**Wall Mounting:** Unit backplate is supplied with knockouts for attachment to wall surfaces and standard 3 1/2" and 4" electrical boxes.

## Power Consumption

LED Lamp Models 4W

## Code Information

All models are UL924 Listed for use in damp locations and meet NFPA 101 Life Safety Code, NEC, OSHA and New York City Codes.

## Charger and Electronics

**Charger Type:** All models utilize a fully automatic, temperature compensating, variable rate charger.

**Utility Input:** 120/277VAC, 60 Hz.

**Temperature Range:** 68°F to 86°F (20°C to 30°C)

**Recharge Duty Cycle:** 24 hours

**Load Transfer:** Solid state transfer circuit

**Controls:** Momentary test switch and LED AC-On indicator light

### Safety Circuitry:

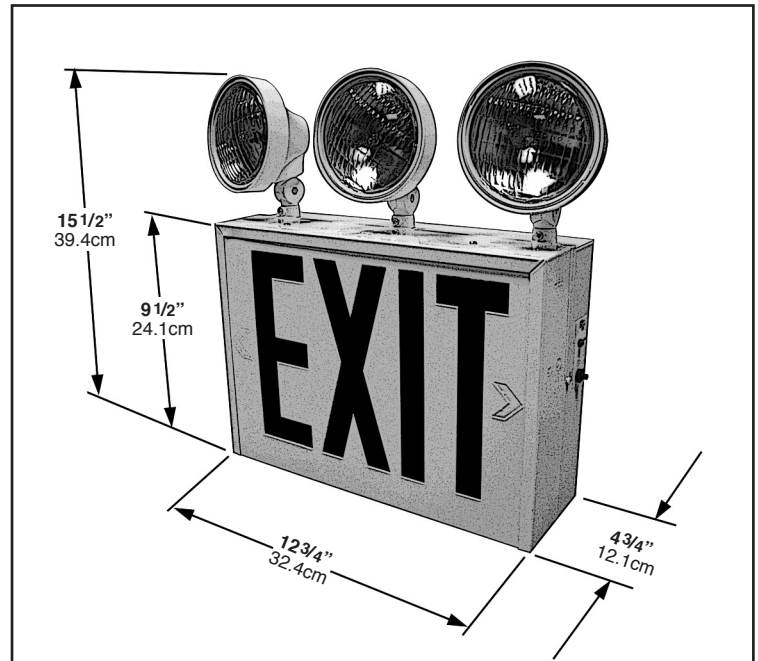
**AC Lockout:** Prevents battery discharge prior to initial unit power-up saving installation time.

**Low Voltage Battery Disconnect:** Protects the battery from being severely damaged by deep discharge during prolonged power failures.

**DC Overload and Short Circuit Protection:** Provided by a disconnect circuit that automatically resets itself when the fault condition is corrected.

**Brownout Protection:** Automatically switches the unit to emergency mode when utility voltage is reduced to the point at which most fluorescent light fixtures would extinguish.

## Dimensions



## Emergency Operation

Upon failure of the normal utility power, a solid-state transfer switch automatically connects the exit sign's battery to the emergency lamps providing uninterrupted operation. Emergency illumination will be supplied for a minimum of 90 minutes. During emergency operation, the exit battery is protected from severe discharge damage by an automatic low voltage disconnect circuit that discontinues unit operation when battery voltage reaches 87.5% of nominal. When normal utility power is restored, the battery is automatically disconnected from the load and a recharging cycle begins that will return the battery to full capacity within 24 hours.

## Battery

Sealed Lead Calcium maintenance free battery designed to provide many years of dependable service.

## Warranty

**Unit:** (excluding lamps) 3-years full coverage against defects in materials and workmanship from date of shipment

**Battery:** 3 years full warranty plus an additional 7 years of pro-rata coverage