

Description

Featuring universal single/double face, wall, ceiling or end mounting design. PLED-5 series plastic exit signs offer style and performance with long life LED lamps.

Features

All Models

- Universal single/double face models
- Universal wall, ceiling or end mounting
- High output, long life LED lamps
- Red or green exit letters
- AC-Only, emergency, remote capacity and two-headed combination models offered
- AC, emergency and combination models
- White housing finish, black optional
- Bright, even illumination
- Directional chevron arrows provided by means of knockouts
- Universal 120/277VAC field selectable input
- UL Damp Location listed

Emergency Models

- 90 minutes of emergency lighting
- Solid-state charging and switching circuits
- Maintenance free nickel cadmium or lead calcium battery depending on model
- Low voltage disconnect protects battery against deep discharge damage
- AC lockout feature reduces installation time
- Optional self-diagnostic circuit
- Test switch and charge status indicator Light
- Meets NFPA Life Safety Code 101, NEC, OSHA, State and local codes
- ETL listed to UL924 and suitable for damp location applications



Ordering Guide

Model Number	Description
PLED-5-R	AC-Only Red LED Exit ⁽¹⁾
PLED-5-G	AC-Only Green LED Exit ⁽¹⁾
BP-PLED-5-R	Emergency Red LED Exit (No Remote Capacity) ⁽¹⁾
BP-PLED-5-G	Emergency Green LED Sign (No Remote Capacity) ⁽¹⁾
HBP-PLED-5-R	Emergency Red LED Exit with 20 Watts Remote Capacity ⁽²⁾
HBP-PLED-5-G	Emergency Green LED Exit with 20 Watts Remote Capacity ⁽²⁾
HBP-PLED-5-R-DEH	Combination Red LED Exit with Two Side-Mounted Lighting Heads ⁽²⁾
HBP-PLED-5-G-DEH	Combination Green LED Exit with Two Side-Mounted Lighting Heads ⁽²⁾
HBP-PLED-5-R-DEH-RC	Combination Red LED Exit with Two Side-Mounted Lighting Heads and 10 Watts of Remote Capacity ⁽²⁾
HBP-PLED-5-G-DEH-RC	Combination Green LED Exit with Two Side-Mounted Lighting Heads and 10 Watts of Remote Capacity ⁽²⁾

⁽¹⁾ Nickel cadmium battery model.

⁽²⁾ Lead calcium battery model.

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

Options⁽³⁾⁽⁴⁾

Add Suffix	Description
-B	Black Finish
-SX	Self-Diagnostic Circuit (emergency models only)
-L1H	Combination Exit Supplied With One Head

⁽³⁾ Other options available. Consult factory.

⁽⁴⁾ Some options may impact product UL listing. Consult factory.

Specifier Reference

Project: _____

Fixture Type: _____

Model No.: _____

Comments: _____

Accessories

Order Model	Description
PG-8	Wire Guard - Wall Mount Models ⁽⁵⁾
PG-11	Wire Guard - Ceiling or End Mount Models ⁽⁵⁾
PG-12	Wire Guard - Wall Mount Combination Models
VERS	Vandal/Environmental Shield ⁽⁵⁾
VERS-4X	Vandal/Environmental Shield with Gasket ⁽⁵⁾

⁽⁵⁾ Not available for use with combination models.

Construction

All Models: Exit housings and mounting canopies are injection molded in high impact, UV stable, flame rated thermoplastic and supplied standard in a white finish. An optional black (-B) finish is available, see Options on front for ordering details.

Exit Face

Letter Size: 6" letters with 3/4" stroke

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

Universal Design: All PLED-5 exits are supplied in single face configurations and provide a second letter face for use in double face applications.

Illumination

LED Light Source: Normal AC and emergency exit face illumination is provided by a special high intensity indirect red or green LED panel. Letter brightness and illumination uniformity exceed UL requirements.

Installation

Wall Mounting: Knockouts in the exit housing's back plate are provided for attachment to wall surfaces and standard 31/2" and 4" electrical boxes.

Ceiling/End Mounting: Mounting canopies are provided with all models for attachment to standard 31/2" and 4" electrical boxes in ceiling or end mounted applications.

Power Consumption

2.0 watts (red), 1.96 watts (green) at 120 or 277VAC

Power factor: 0.83 lagging (all models)

Code Information

All models are ETL Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, state and local codes. Emergency models are ETL listed to UL924. AC models are UL Damp Location listed. All models are Energystar compliant.

Charger and Electronics

Charger Type (All except HBP-PLED): Models utilize an automatic, temperature compensating, constant current type charger.

Charger Type (HBP-PLED): Models utilize an automatic, temperature compensating, variable rate charger.

Utility Input: 120/277VAC, 60 Hz.

(All except AC-Only incandescent models)

Temperature Range: 32°F to 104°F (0°C to 40°C)

Recharge Duty Cycle: 24 hours

Load Transfer: Solid state transfer circuit

Controls: Momentary test switch and LED charge indicator light

Safety Circuitry:

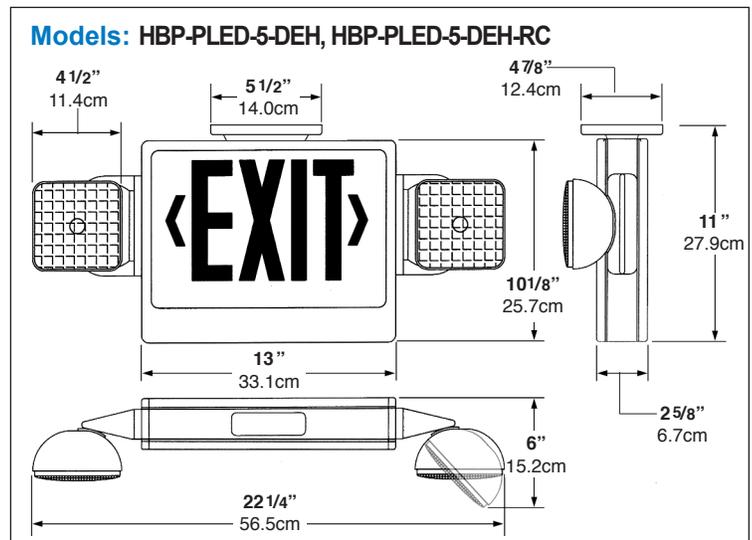
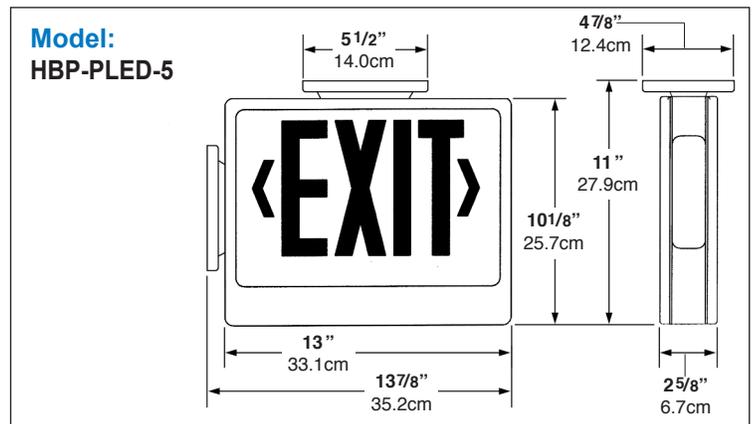
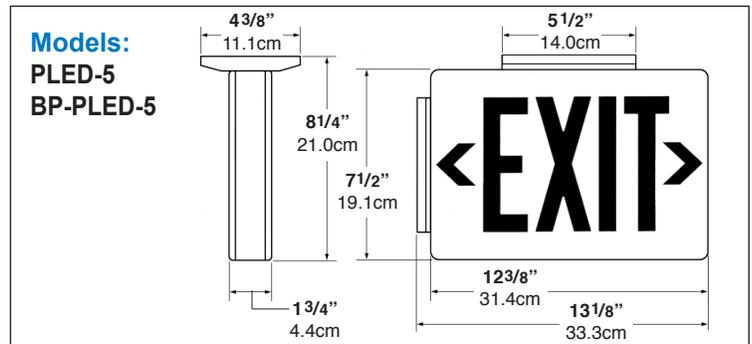
AC Lockout: Prevents battery discharge prior to initial unit power-up saving installation time.

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

Emergency Operation

Upon failure of the normal utility power, a solid-state transfer switch automatically activates the LED lamp strip 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.

Dimensions



Battery

Type (All except HBP-PLED Models): Sealed nickel cadmium maintenance-free battery designed to provide many years of dependable service.

Type (HBP-PLED Models): Sealed lead calcium maintenance-free battery designed to provide many years of dependable service.

Warranty

Unit: 5-years full coverage against defects in materials and workmanship from date of shipment

Battery: 5 years full warranty plus an additional 5 years of pro-rata coverage