# High-Lites Emergency Lighting Products

# **HPL Series**

# Photoluminescent Exit Signs

"Plaque" Type HPL Series Exit





## **Description**

Thin, low profile, photoluminescent exit signs absorb and store ambient lighting for immediate use in an emergency.

Available in plaque and stencil type models.

#### What is Photoluminescence?

Photoluminescence is the ability to become luminescent upon exposure to visible light. HPL Series Exit Signs absorb and store ambient UV illumination and will release this energy as a highly visible glow for a minimum of 90 minutes under low light, total darkness or smoky conditions.

**Note:** For exit signs, it must be determined that there is a minimum of 54 lux of fluorescent, metal halide or mercury vapor light on the face(s) of the sign at all times during building occupancy.

#### **Features**

- · Requires no electricity to operate
- Reliability
- · Non-toxic, non-radioactive
- · Low-cost, easy installation
- · Designed for surface, flag or ceiling mounting
- Can be used for both high-level and low-level (floor proximity) applications
- Requires virtually no maintenance, periodic inspections, for 25+ years
- · Thin, low profile construction
- · Consistent, uniform illumination
- · Visible at 50 feet in total blackout
- · Saves on energy and maintenance costs

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Unparalleled in reliability, HPL Series Exit Signs utilize the latest photoluminescent technology to absorb and store ambient fluorescent, metal halide or mercury vapor light. In the event of an emergency with blackout or smoky conditions, the HPL exit's stored energy is immediately available creating a clearly visible, photoluminescent egress indicator. HPL Series Exit Signs reduce the risk of panic or injury during an evacuation, offering greater safety and piece of mind while eliminating the energy and maintenance costs of conventional models.

#### **Conformance to Codes and Standards**

Listed to UL 924, ICC ES #6040 meeting all current building codes: 1997 Uniform Building Code™, the 2000 International Building Code®, the BOCA® National Building Code/1999 and the 1999 Standard Building Code©. Meets NFPA Life Safety Code 101® and 101B®, NFPA 5000 Building Construction & Safety Code™, 1998 California Building Code, 1998 California Fire Code, 2003 International Building Code®, National Research Council Canada CCMC 13211-R and OSHA.

#### **Dimensions**

Plague Type Mo	odels	
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EXIT Models: 13" (33cm) L x 7.5" (19cm) H x .075" (1.9cm) W SORTIE Models: 18.125" (46cm) L x 7.5" (19cm) H x .075" (1.9cm) W NY EXIT Models: 17" (43.2cm) L x 10" (25.4cm) H x .075" (1.9cm) W Stencil Type Models:

**EXIT Models: 15.25"** (38.7cm) **L x 8.25"** (21cm) **H x .25"** (.64cm) **W SORTIE Models: 22.1875"** (56.4cm) **L x 9.5"** (19cm) **H x .25"** (.64cm) **W** 

Specifier Reference		
Project:		
Fixture Type:		
Model No.:		
Comments:		

#### **Technical Information**

Letter Size (Plaque): .8125" (2cm) stroke with 6" letter height, 1" (2.5 cm) stroke

with 8" letter height)

Letter Size (Stencil): .875" (2.2cm) stroke with 7" letter height Illumination: High visibility photoluminescent green

Visibility: 50 feet

Directional Indicators: 2 included - Plaque type signs provide applique chevrons.

Stencil type signs utilize pop-out directional chevrons.

**Construction:** Plastic photoluminescent panel. Stencil type models include a

.035" steel stencil face.

**Colors:** Plaque type models provide a photoluminescent background

with a choice of red or green letters. Stencil type models provide white photoluminescent letters with a choice of red,

green or black metal stencil face.

**Durability:** Explosion-proof for areas requiring explosion-proof exit

signage

Tests Passed: UL 924 Emergency Lighting and Power Equipment Listed

through UL; ICC ES #6040, CA State Fire Marshall Listing #6200-1617; 100; City of Los Angeles Research Report: RR 25531 (CSI #16530) National Research Council Canada

CCMC 13211-R

**Life Expectancy:** 25+ years

Power Requirements: No additional electrical or mechanical source required.

**Installation:** Surface mounted. Before installation it must be determined

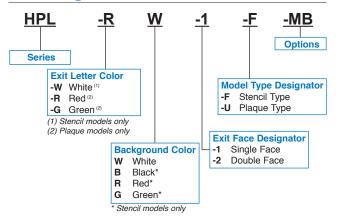
that there is a minimum of 54 lux of ambient fluorescent, metal halide or mercury vapor light on the face(s) of the sign at all

times during occupancy.

**Applications:** Both high-level and low-level (floor proximity).



## **Ordering Guide**



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

### **Options**

Add Suffix	Description
-MB	Color Matched Mounting Bracket (stencil type models only) (1)
-S	"SORTIE" Exit Face
-NY	8" Letters for New York City (plaque type models only)
-RL	Reflective Letters (plaque type models only)

Available with single face stencil type models only. Mounting bracket supplied standard on double face stencil type models.