

Project		Catalog #		Type	
Prepared by		Notes		Date	



Sure-Lites

LPX Series

LED polycarbonate Exit with 90 minutes of run time

Typical Applications

Office • Education • Healthcare • Hospitality
• Retail • Industrial • Manufacturing

Product Certification



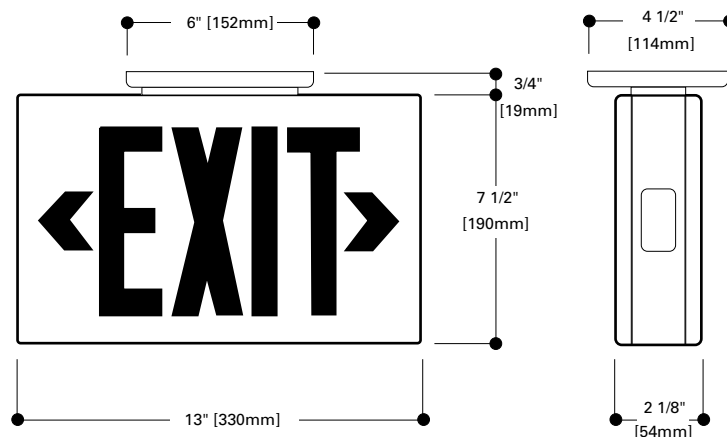
Interactive Menu

- Order Information page 2
- Product Warranty

Top Product Features

- LED Polycarbonate Exit
- Field configurable for Red or Green illumination
- 90 minutes of run time
- Nickel cadmium battery
- Self-diagnostic option
- DLVP option

Dimensional Details



Ordering Information

SAMPLE ORDER NUMBER: **LPX6, LPX6BK, LPX7, LPX7SD, LPX7BKSD**

Family	Series	Face Options	Housing Finish	Options	Accessories
LPX =Polycarbonate Exit, LED	6 =AC Only 7 =Self-Powered	Blank =Single and Double	Blank =White Housing BK =Black Housing (only available with SD)	Blank =No additional options SD =Self Diagnostics Option (LPX7 only)	WG10 = Wall mount wire guard WGS11 =Ceiling or End VS1 =Polycarbonate Vandal Shield VS1WP =Polycarbonate Vandal Shield, Weather Proof Pendant Kit LPX18PKWH =18" Pendant Kit, White LPX18PKHTWH =18" Hang True Pendant Kit, White LPX18PKBK =18" Pendant Kit, Black LPX18PKHTBK =18" Hang True Pendant Kit, Black
Notes LPX7BKSD IS STANDARD FOR BLACK HOUSINGS. LPX7BK IS NOT AVAILABLE For 2 circuit capability on the LPX6 series, order the SL2CPK kit in addition to the exit					

DLVP OPTIONS

Family	Series	Face Options	Color	Options	DLVP	Full Catalog Logic
LPX =LED Polycarbonate Exit	6 =AC Only 7 =Self-Powered	_ =Single and Double	_ =White BK =Black	SD =Self-diagnostics (standard for LPX7, not available for LPX6)	DLVP = DLVP	LPX6DLVP, LPX6BKDLVP, LPX7SDDLVP, LPX7BKSDDLVP

Product Specifications

Electrical

- Field selected red and green sign capability standard on all units (units shipped red, field convert to green with supplied parts)
- Dual Voltage Input 120/277 VAC, 60Hz
- 2C capability enabled with the SL2CPK kit
- Sure-Lites EZ Key patented external battery disconnect feature - prevents unnecessary battery drainage, saves on installation time
- Solid-state Voltage Limited Charger
- Brownout Circuit
- Low-Voltage Disconnect
- Test Switch/Power Indicator Light
- Standard 24 hour recharge time (max)
- Self-Diagnostic feature available as option
- DLVP enabled with field installable kit

Housing Construction

- All components are injection molded, color stable, high impact UL 94-5VA rated, polycarbonate material
- White or black textured finish standard
- Components are of snap-fit construction to facilitate under 5-minute installation
- Reinforcing ribs throughout to provide maximum strength
- Molded-in wireways facilitate internal wire routing and connections
- All components including battery and electronics are located inside the exit housing

- Snap-out or snap-in chevron directional indicators have full 3/4" stroke
- Knockout provided on housing for surface conduit attachment
- Universal exits can be field configured as single or double face
- Snap-fit canopy with captive mounting screws included with all exits
- Exit can be ceiling, wall, or end mounted
- Universal J-box mounting pattern

Lamp Data

- AC LED: Red and green LED lamps provide uniform diffused illumination
- DC: Red and green LED DC lamps (Brighter in emergency mode)

Code Compliance

- UL 924 Listed
- UL Damp Location (0-40j C)
- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes
- Suitable for Floor Proximity Installation
- UL Listed for 2C (FTBR)

Warranty

- 5 year product warranty
- 7 year pro-rated battery warranty

Energy and Performance Data

Maximum power consumption under all charge conditions:

AC Only, 120V

Amps:	Watts:
0.07	1.02

Self Powered, 120VAC

Amps:	Watts:
0.07	1

AC Only, 277VAC

Amps:	Watts:
0.07	1.12

Self Powered, 277VAC

Amps:	Watts:
0.07	1.12

AC Only, DLVP (57Vdc)

Amps:	Watts:
0.02	1.2

Self Powered, DLVP (57Vdc)

Amps:	Watts:
0.07	1.00

Technical Data

Lamps

- Long life, red and green LEDs, provide uniform diffuse illumination of the exit face
- Low operating costs and no maintenance required
- Consumes on average less than one watt

Housing Construction

- Rugged, durable, injection molded thermoplastic materials
- Structural components designed with reinforcing ribs for additional rigidity and structural integrity
- Impact and scratch resistant
- UV stabilized to resist discoloration due to age and ultraviolet radiation
- Snap-fit construction (no mechanical fasteners) to facilitate installation in under five minutes
- Installation components included (wire nuts, wire leads, universal metal J-box bracket, etc.)
- Universal design enables exit to be configured as single face or double face in the field
- Wall, ceiling or end mounting
- Rugged, snap-fit, low-profile canopy with captive screws included for ceiling and end mounting
- Housing color available in white or black

Lens

- Durable, impact-resistant polycarbonate
- Full 3/4" stroke snap-out or snap-in chevron directional indicators ensure maximum visibility and code compliances
- Field Configurable; Ships with red lenses installed and green lenses included

Sure-Lites EZ Key External Battery Disconnect (Self Powered Only)

- The Patented EZ key is an external battery disconnect that allows the product to be shipped with the battery connected internally.
- This prevents battery drain during the construction cycle to insure that the battery isn't damaged and is fully charged for inspection.
- EZ Key also saves the labor of internally connecting the battery after construction is complete.

Brownout Circuit (Self Powered Only)

- Monitors the flow of AC current
- Activates the emergency lighting system when a predetermined reduction/dip of AC power occurs (a dip in voltage will cause most ballasted products to extinguish, causing loss of normal lighting even though a total power failure has not occurred)

Low Voltage Disconnect (Self Powered Only)

- Low-voltage circuitry disconnects the lighting load when battery's terminal voltage falls
- Disconnect remains in effect until normal utility power is restored, preventing deep battery discharge

Test Switch/Power Indicator Light (Self Powered Only)

- Switch located on the side of the exit permits the activation of the emergency circuit for complete operational systems check
- Indicator light provides visual assurance that the AC power is on

Self-Diagnostics Option (Self Powered Only)

- Automatically performs all tests required by UL924 and NFPA 101
- Indicates the status of the exit at all times using the LED indicator near the test switch on the side of the unit
- 90-minute battery power (emergency mode) simulation test occurs randomly once every 12 months
- 30-second battery power simulation test occurs every 30 days

Photocell Test Switch

- Allows verification of proper operation of the transfer circuit and emergency lamps with a laser pointer (laser is sold as an accessory). The emergency lamps will test for 30 seconds when activated.



Laser tester

Part Number = LASER
(sold separately)

"2C" Option (AC Only)

- Enables the exits to operate per the requirements of UL 924 when connected simultaneously to both normal and emergency power circuits (two circuit operation—UL Category FTBR—Emergency Lighting and Power Equipment)
- The "2C" Option alters the standard Exit such that it complies with and is UL Listed under the FTBR Category
- This option should only be used for exits which are intended to be connected simultaneously to normal and emergency power circuits, but cannot support two hot inputs. Only one of the normal or emergency circuits can be powered. If both are powered simultaneously, it will make the Exit inoperable.
- Both circuits have universal 120/277 VAC standard

Sealed Nickel Cadmium Battery

- Sealed, maintenance-free nickel cadmium battery with 10-year typical life expectancy
- Rechargeable battery offers high discharge rates and stable performance over a wide range of temperatures from 0°C to 40°C

Warranty

- Five-year warranty against defects in material and workmanship
- Nickel cadmium battery has a seven-year prorated warranty