

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



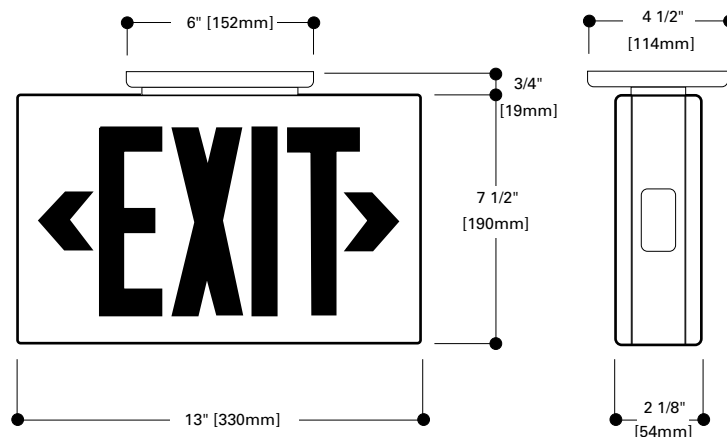
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#### Top Product Features

- 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)	<b>WG10</b> = Wall mount wire guard <b>WGS11</b> =Ceiling or End <b>VS1</b> =Polycarbonate Vandal Shield <b>VS1WP</b> =Polycarbonate Vandal Shield, Weather Proof <b>Pendant Kit</b> <b>LPX18PKWH</b> =18" Pendant Kit, White <b>LPX18PKTWH</b> =18" Hang True Pendant Kit, White <b>LPX18PKBK</b> =18" Pendant Kit, Black <b>LPX18PKHTBK</b> =18" Hang True Pendant Kit, Black
<b>Notes</b> <b>LPX7BKSD IS STANDARD FOR BLACK HOUSINGS. LPX7BK IS NOT AVAILABLE</b> 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.

### "2C" Option (AC Only)

- Enables exit 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)
- UL Listed under the FTBR Category
- Only use for an exit intended to be connected simultaneously to normal and emergency power circuits
- 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



Laser tester

Part Number = LASER  
(sold separately)