

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

Interactive Menu

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Product Certification



Product Features



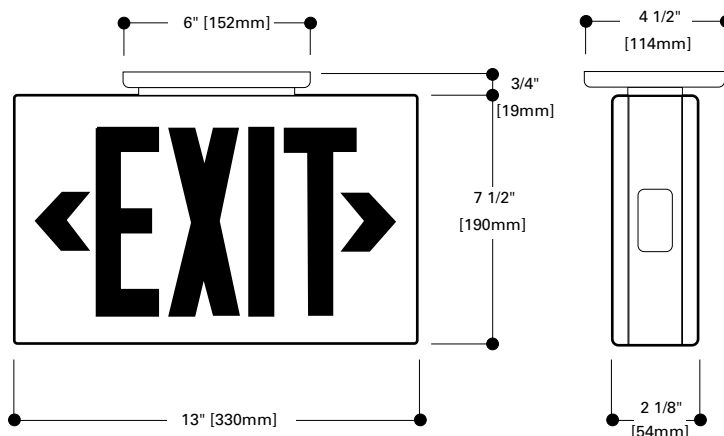
damp location



Top Product Features

- LED Polycarbonate Exit available in white or black housings
- UL 924 damp location certified
- Field selectable for Red or Green illumination and single or double faces
- 90 minutes of emergency run time with self-powered (battery backup) models
- Maintenance free nickel cadmium battery
- Self-diagnostic and remote capacity options
- DLVP option

Dimensional Details



Ordering Information

SAMPLE ORDER NUMBER: LPX6, LPX6BK, LPX7SD, LPX7BKSD

Family	Series	Face Options	Housing Finish	Options	Accessories
Family	Series ⁽¹⁾	Face Options	Housing Finish ⁽²⁾	Options	Accessories
LPX=Polycarbonate Exit, LED	6=AC Only 7=Self-Powered	[Blank]=Single and Double	[Blank]=White Housing BK=Black Housing (available with AC series and self-powered, self-diagnostics only)	[Blank]=No additional options SD=self-diagnostics/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 (1) Self-powered units have battery backup to provide 90 minutes of run time when A/C power is lost. Units must be connected to A/C power for standard operation. (2) LPX7 (no self-diagnostics) units are not available in black. LPX7BKSD (self-diagnostics) units are available in black. (3) For 2 circuit capability on the LPX6 series, order the SL2CPK in addition to the exit sign. The 2 circuit kit does not accept two hot circuits.					

LPXR5SD Ordering Information

Family	Coverage	Remote Capability	Color	Self-Diagnostics	Full Catalog Logic
Family	Coverage	Remote Capability	Color	Self-Diagnostics	Full Catalog Logic
LPX=LED Polycarbonate Exit	non-applicable	R5=5 watts	[Blank]=White BK=Black	SD=Self-diagnostic (standard)	LPXR5SD, LPXR5BXSD

Remote Logic for LPXR5SD Only

SEL Series Outdoor Capable Remotes							
Series		Single Head Remotes			Double Head Remotes		
Catalog number		SRP/SRM13	SRP/SRM25	SRP/SRM30	SRP25D/SRM25D	SRP50D/SRM50D	SRP60D/SRM60D
Watts Consumed		1.25	2.5	4.1	2.5	5	8.2
Catalog Number	Remote Watts Available	# of SRP/SRM13 remotes fixture will power	# of SRP/SRM25 remotes fixture will power	# of SRP/SRM30 remotes fixture will power	# of SRP25D/SRM25D remotes fixture will power	# of SRP50D/SRM50D remotes fixture will power	# of SRP60D/SRM60D remotes fixture will power
LPXR5SD	5	4	2	1	2	1	NA

DLVP Options

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

Energy and Performance Data

Maximum power consumption under all charge conditions:

AC Only

Input Voltage	Input Amps	Input Watts
120 Volts	0.07	1.02
277 Volts	0.07	1.12

AC Only, DLVP (57 Vdc)

Input Voltage	Input Amps	Input Watts
57Vdc	0.02	1.2

Self-Powered

Input Voltage	Input Amps
120 Volts	0.07
277 Volts	0.07

Self-Powered, DLVP (57 Vdc)

Input Voltage	Input Amps
57Vdc	0.07

Self-Powered, LPX5R Only

Input Voltage	Input Watts
120 Volts	2.2
240 Volts	2.5
277 Volts	3.2

Product Specifications

Electrical

- Field selectable 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. Note: 2 circuit kit does not accept two hot circuits.
- Self-powered units have battery backup to provide 90 minutes of run time when A/C power is lost
- 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
- Faces can be field selectable as single or double faced
- Snap-out or snap-in chevron directional indicators have full 3/4" stroke
- 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
- Knockout provided on housing for surface conduit attachment
- 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 (0-40° 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

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 polycarbonate
- 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 field selectable as single face or double face
- 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
- Field selectable red or green; ships with red lenses installed and green lenses included
- Full 3/4" stroke snap-out or snap-in chevron directional indicators ensure maximum visibility and code compliances

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
- LPXR5SD only - switch located on bottom of the exit

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 for LPXR5SD Model Only

- 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.
- Located on bottom of the unit



Laser tester
Part Number=LASER
(sold separately)

* Self-powered units have battery backup to provide 90 minutes of run time when A/C power is lost. Units must be connected to A/C power for standard operation.