Project		Catalog #		Type	
Prepared by		**Notes**		**Date**	

Sure-Lites

LPX Series
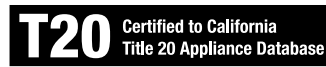
LED polycarbonate Exit with 90 minutes of run time

Typical Applications

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

Interactive Menu

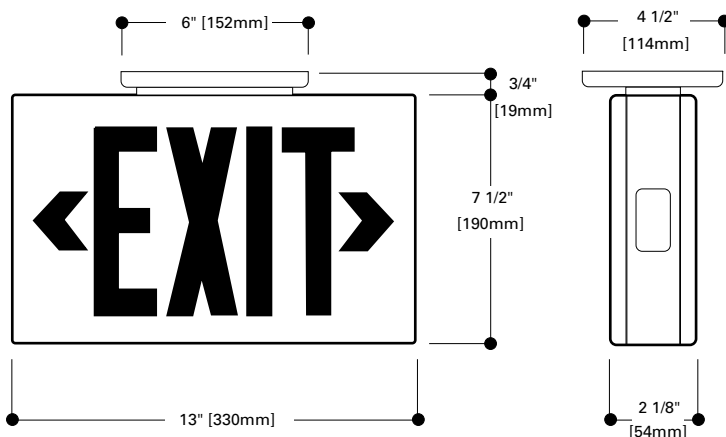- Order Information   page 2
- Product Warranty

Product Certification

UL CERTIFIED   **T20** Certified to California Title 20 Appliance Database   OSHA

Product Features

damp location   0° to 40°C operating temperature range   selectable faces

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

6" [152mm]

3/4" [19mm]

7 1/2" [190mm]

13" [330mm]

4 1/2" [114mm]

2 1/8" [54mm]

COOPER Lighting Solutions

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 (only available with SD)	**[Blank]**=No additional options **SD**=self-diagnostics (LPX7 only, standard for LPX7)	**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-Diagnoostics	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

Self-Powered

Input Voltage	Input Amps
120 Volts	0.07
277 Volts	0.07

Self-Powered, LPX5R Only

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

AC Only, DLVP (57 Vdc)

Input Voltage	Input Amps	Input Watts
57Vdc	0.02	1.2

Self-Powered, DLVP (57 Vdc)

Input Voltage	Input Amps
57Vdc	0.07

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.

*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.

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)

"2C" Option (AC Only)
Note: "2C" cannot accept 2 active hots

- 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

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

© 2022 Cooper Lighting Solutions
All Rights Reserved.

Specifications and dimensions
subject to change without notice.

TD505167EN **page 3**
October 18, 2022 8:10 AM

COOPER
Lighting Solutions