Project		Catalog #		Type	
Prepared by		Notes		Date	

Sure-Lites

LPXC Series

Combination LED Exit and Emergency with 90 minute run time and up to 50 feet of emergency coverage

Typical Applications

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

Interactive Menu

Product Certification

UL CERTIFIED T20 Certified to California Title 20 Appliance Database OSHA

Product Features

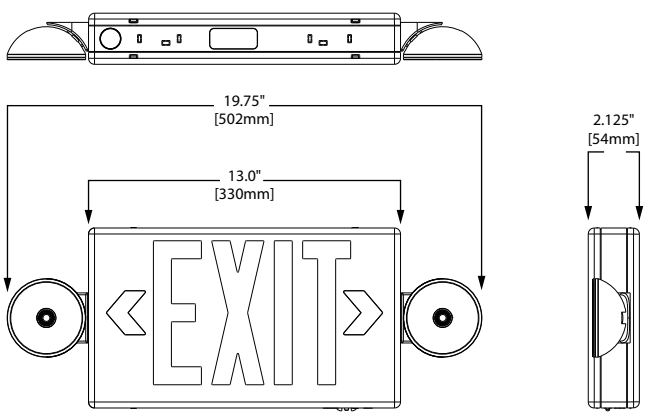
damp location selectable faces

Top Product Features

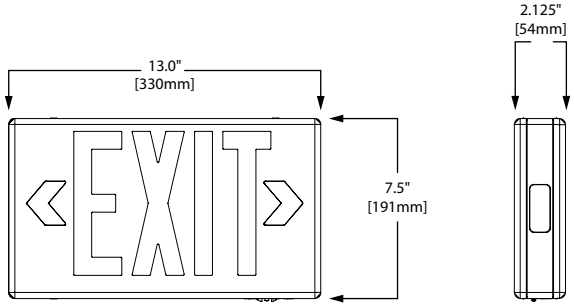
- 90 minutes emergency power
- UL 924 damp location certified
- Field selectable for Red or Green illumination and single or double and faces
- LED source with up to 50 feet of egress coverage
- Maintenance free nickel cadmium battery
- Polycarbonate housing available in white or black
- Self-diagnostic and remote capacity options

Dimensional Details

LPXC



LPX



Catalog Logic

SAMPLE ORDER NUMBER: **LPXC25**

Series	Coverage	Remote Capacity	Coverage	Self-Diagnostics	Full Catalog Logic
LPXC=LED polycarbonate Combo	**25**=25 feet	**[Blank]**=0 watts **R3**=3 watts	**[Blank]**=white	**[Blank]**=no self-diagnostics **SD**=self-diagnostics	LPXC25, LPXC25R3, LPXC25SD, LPXC25R3SD
LPXC=LED polycarbonate Combo	**25**=25 feet	**[Blank]**=0 watts **R3**=3 watts	**BK**=black	**SD**=self-diagnostic (standard)	LPXC25BKSD, LPXC25R3BKSD
LPXC=LED polycarbonate Combo	**50**=50 feet	not available	**[Blank]**=white **BK**=black	**SD**=self-diagnostic (standard)	LPXC50SD, LPXC50BKSD
LPX=LED polycarbonate Exit	not applicable	**R5**=5 watts	**[Blank]**=white **BK**=black	**SD**=self-diagnostic (standard)	LPXR5SD, LPXR5BKSD

DLVP Options

Series	Coverage	Remote Capacity	Coverage	Self-Diagnostics	DLVP	Full Catalog Logic
LPXC=LED polycarbonate Combo	**25**=25 feet	**[Blank]**=0 watts **R3**=3 watts	**[Blank]**=white **BK**=black	**[Blank]**=no self-diagnostics **SD**=self-diagnostics	**DLVP=** **DLVP**	**LPXC25BKDLVP** **LPXC25DLVP** **LPXC25SDDLVP** **LPXC25BKSDDLVP** **LPXC25R3SDDLVP** **LPXC25R3BKSDDLVP**

Remote Logic

		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
LPXC25R3	3	2	1	NA	1	NA	NA
LPXR5	5	4	2	1	2	1	NA

SRP

SRPD

SRM

SRMD

Product Specifications

Electrical

General Features

- Field selectable red and green sign letters standard on all units (units shipped red, field convertible to green with supplied parts).
- Dual Voltage Input 120/277 VAC, 60 Hz
- 240 VAC capable with 48 hour rechargable time
- Sure-Lites EZ Key patented external battery disconnect feature – prevents unnecessary battery drainage, saves on installation time
- 90 minutes of emergency run time when A/C power is lost
- 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 an option
- Laser test capability with Self-Diagnostic models

Remote Capacity

- Remote capacity is available in the combo (3 watts) or the exit (5 watts)
- Remote capable versions are compatible with the Sure-Lites SRM and SRP series

Emergency Heads

- LED emergency heads are available with 100 lumens/head (25 feet of coverage) or 200 lumens/head (50 feet of coverage) of emergency light output
- Heads can be mounted to top or sides of exit

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
- Components are of snap-fit construction to enable under 5-minute installation
- Field selectable snap-out or snap-in chevron directional indicators have full 3/4" stroke
- Molded-in wireways facilitate internal wire routing and connections
- Knockout provided on housing for surface attachment mount install
- Snap-fit canopy with captive mounting screws included with all exits
- Combo can be ceiling, wall, or end mounted
- Universal J-box mounting pattern

Code Compliance

- UL 924 Listed
- UL Damp Location (0° C - 40° C)
- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes
- California Energy Code

Warranty

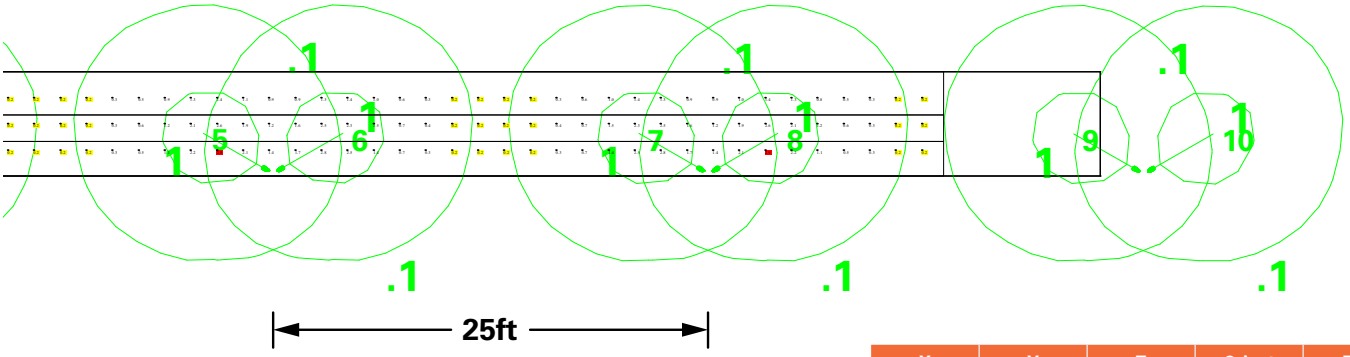
- 5 year product warranty
- 7 year pro-rated battery warranty

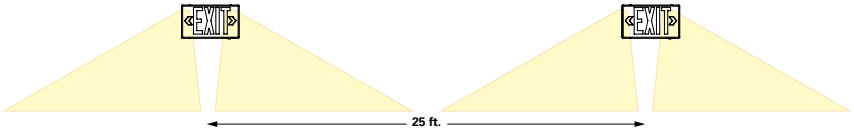
Energy Data

Input Voltage	Input Power
120 Volts	2.2 watts
240 Volts	2.5 watts
277 Volts	3.2 watts

Photometry

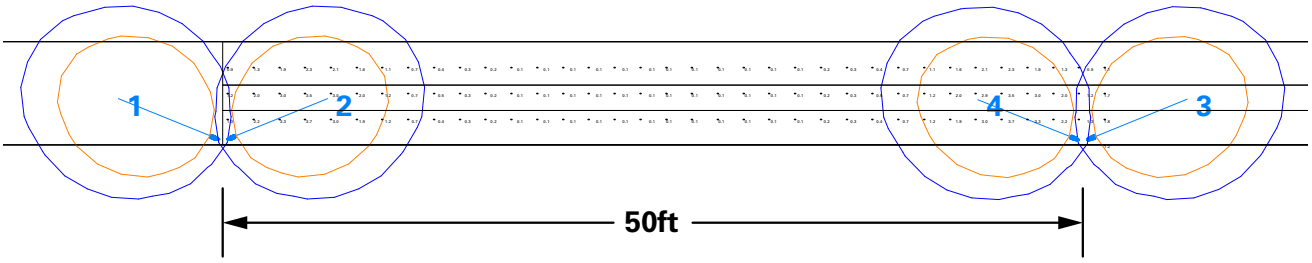
LPXC25

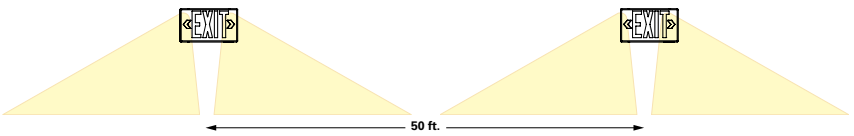




X	Y	Z	Orient	Tilt
-0.5	0.25	7.5	125	27
0.5	0.25	7.5	55	27
16.5	0.211	7.5	125	27
17.5	0.212	7.5	55	27
33.5	0.172	7.5	125	27
34.5	0.173	7.5	55	27
50.5	0.132	7.5	125	27
51.5	0.135	7.5	55	27
67.5	0.093	7.5	125	27
68.5	0.096	7.5	55	27
84.5	0.054	7.5	125	27
85.5	0.058	7.5	55	27
101.5	0.015	7.5	125	27
102.5	0.019	7.5	55	27

LPXC50





X	Y	Z	Orient	Tilt
24.25	0.33	7.5	158	40
24.75	0.33	7.5	22	40
74.75	0.3	7.5	22	40
74.25	0.292	7.5	158	40

***The “Rule of Thumb” spacing guidelines are designed to achieve 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 foot ceiling with a 6 foot wide walkway and 3 foot path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet. Eaton assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as guarantee of any code compliance.

View IES files

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 and one watt
- LEDs powered from AC input during normal operation and from battery during power outage

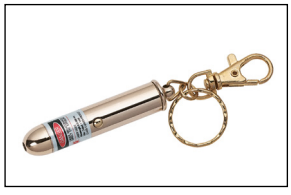
Emergency Heads
- Long life LEDs for emergency power
- No maintenance required
- Heads available with choice of light output of 100 lumens or 200 lumens
- Heads are adjustable, can be mounted on the top or side of the exit housing

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

Photocell Test Switch (Photocell Test Switch, On Self-Diagnostics Versions Only)
- Allows verification of proper operation of the tranfer 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 the bottom of the unit.

EZ Key



Laser tester

Part Number = LASER
(sold separately)

Line-Latched
- Line-latched electronic circuitry for easy and economical installation
- Line-latching eliminates contractor's return to site to connect the batteries when the building's main power is turned on
- Labor efficient AC activated load switch prevents lamps from turning on during installation to a non-energized AC circuit

Solid-State Charger
- 120/277 VAC, voltage regulated solid-state charger
- High charge rate immediately following power restoration of AC current after a power failure
- Charge circuit reacts to the condition of the battery and regulates the charging process in order to maintain peak battery capacity and maximize battery life
- Solid-state construction recharges the battery following a power failure in accordance with UL 924

Brownout Circuit
- 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)

Solid-State Transfer
- Solid-state switching eliminates corroded and pitted contacts or mechanical failures associated with relays
- Switching circuit detects a loss of AC voltage and automatically energizes the lamps using DC power
- Upon restoration of AC power, the DC power will be disconnected; charger will automatically recharge the battery

Low Voltage Disconnect
- 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
- 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

Overload and Short Circuit Protection
- Solid-state overload monitoring device in the DC circuit disconnects the lamp load from the battery if excessive wattage occurs
- Automatically resets when the overload or short circuit is removed
- Eliminates the need for fuses or circuit breakers for the DC load

Self-Diagnostics Option
- 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

Sealed Lead Cadmium Battery
- Sealed, maintenance-free lead cadmium battery with 10 years typical life expectancy

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

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