EZ-2™ Series
LED EMERGENCY LIGHT

FEATURES

- Fully adjustable LED lamp heads
- Up to 39' multiple unit spacing
- Easy access battery compartment
- Intelligent 2-wire input connection
- External push-to-test switch and AC-on indicator
- Battery recharge within 24 hours
- AC Lock-out circuit
- Low voltage disconnect (LVD)
- Conduit entry knock-out located at the top center
- Microprocessor-controlled pulse charger

UL924   NFPA 70   NFPA 101   SPECTRON® Self-Testing/Self-Diagnostic Electronics System   TITLE 20

RELATED PRODUCTS

🔗 EZ-EVWPC - White Adapter Plate

🔗 EZ-EVWPCB - Black Adapter Plate

SPECIFICATIONS

APPLICATION
- The EZ-2 series is a commercial emergency lighting unit designed for fast wall mount installation and reliable service
- Optional wall plate for retrofit or new construction
- The EZ-2 has a flame-rated, UV stable thermoplastic housing available in white and black textured finish
- Includes an easy access front battery compartment for ease of maintenance
- Unit provides a full 90 minutes of emergency lighting
- Includes fully automatic microprocessor-controlled pulse charger and Nickel Metal Hydride(NiMH) battery
- The EZ-2 accepts dual-voltage input of 120 or 277VAC at 60 Hz
- Available with optional Spectron® self-test/self-diagnostic circuitry

CONSTRUCTION
- The EZ-2 series housing and lamp heads are made from durable injection molded thermoplastic
- Models use two high-output 1 watt LED lamp heads made with an acrylic lens

INSTALLATION
- Universal mounting template and wiring knock-out molded in the back plate aids in quick installation
- Unit can be ceiling or wall mounted
- Unit wall mounts to all standard 3 ½" and 4" square or octagonal electrical boxes
- Conduit entry through a molded-in knock-out at the top center
- Ordered separately, the EZ-2 Adapter plate accessory matches the larger footprint of previous EZ-2 fixtures. It eliminates the need for cosmetic wall fixes during retrofit
- Fixture includes a battery compartment and door, which allows easy access to the battery assembly and connection for ease of service
- Pre-stripped AC input leads provided

ILLUMINATION
- The EZ-2 series provides illumination with two fully adjustable high lumen LED lamp heads
- Photometrics are available for download at www.dual-lite.com

COMPLIANCES
- Listed to UL924 Standard
- NFPA 101
- NFPA 70
- Damp Location Listed to UL924
- CEC T20 Compliant

WARRANTY
- LED Lifetime Warranty
- EZ-2 Full 3-year Warranty
- EZ-2 with Spectron® Full 5-year Warranty
- See HLI Standard Warranty for additional information

KEY DATA	
Lamp Color	5000K
Total Lamp Output	1W, 139lm/Lamp Head
System Efficacy (LPW)	157
Rated LED Lifecycle (Hours)	>100,000

HUBBELL Lighting

EZ-2™ Series
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ORDERING GUIDE

Example: EZ-2

CATALOG #

EZ-2				Accessories (Order Separately)	
Model	**Self Diagnostics**		**Finish**	☐ **EZ-EVWPC**	White Adapter Plate
EZ-2[1] Commercial Emergency Light	**Blank** None		**Blank** White Housing	☐ **EZ-EVWPCB**	Black Adapter Plate
	I Spectron® Self-test/Self-diagnostic Electronics[1]		**B** Black Housing		

Notes:

1　Damp Location standard on all EZ-2 Models

Adapter Plate

ELECTRONICS

Upon failure of normal utility power, a solid-state transfer switch automatically activates the emergency LED lamp-heads. Upon resumption of normal utility power, the battery is disconnected from the load and recharged through a microprocessor-controlled pulse charger. The battery is a maintenance-free Nickel Metal Hydride(NiMH) type. The EZ-2 Series accepts dual-voltage input of 120 or 277VAC at 60 Hz. A low voltage battery disconnect (LVD) feature protects the battery from severe damage during prolonged power failures. Manual testing is available at any time using the push-to-test button.

Number of Lamps - 2 High Power LEDs at 1 watt each configured so that if 1 lamp malfunctions, the remaining lamp will continue to provide illumination.

OPTIONAL SPECTRON® FEATURES

• Self-diagnostics monitors LED status, LED load transfer circuit, battery capacity and charger function and displays any fault detection by means of a flashing code

• Self-Test feature automatically runs a 1 minute test once a month and an alternating 30 or 60 minute test once every 6 months. Multi-color LED indicator provides visible fault detection and charging status.

• User initiated 1 or 90-minute system test feature

• 15-minute retransfer delay

• Automatic unit transfer in brown-out conditions (below 80% of nominal AC input voltage)

OPERATING TEMPERATURE RANGE

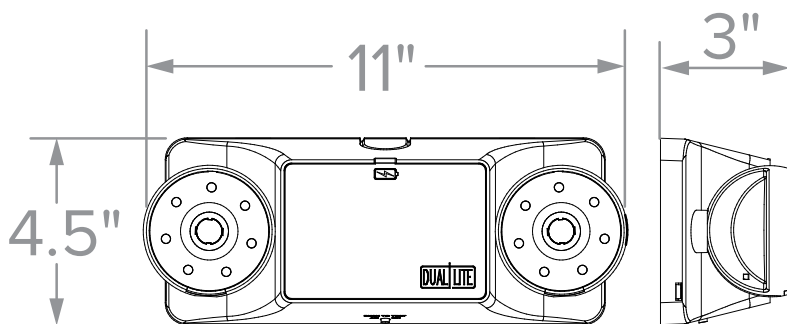Standard Models: (Damp Listed): 50˚ to 104˚F (10˚ to 40˚C)

WEIGHT

1.52 lbs

MAXIMUM POWER CONSUMPTION

	AC Voltage	Hz.	Amps.	Watts	Power Factor
EZ-2	120	60	0.015	1.10	0.61
	277	60	0.008	1.45	0.62

DIMENSIONS

11"

3"

4.5"

DUAL LITE

HUBBELL
Lighting

EZ-2™ Series
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SPACING CRITERIA

Spacing (See Chart)

Mounting Height (See Chart)

6' Path
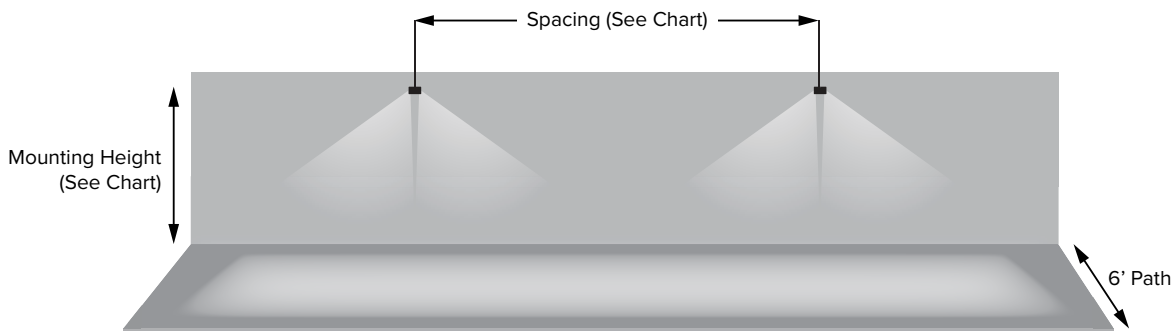
Wall/Ceiling Mount Spacing		
Mounting Height	Path Width	Multiple Unit Spacing
7.5'	6'	30'
9'	6'	39'

EZ-2

LUMINAIRE DATA

Test No.	20.00149
Description	Commercial Emergency Light
Watts	9.0
Efficacy	157.1 lm/W
Mounting	Wall
Spacing Criterion	0.31

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–40	127	91.5
0–60	375	97.0
0–90	139	100.0
0–180	139	100.0

POLAR GRAPH

90°
75°
60°
45°
300
600
900
0°   15°   30°

LEGEND:
0-deg
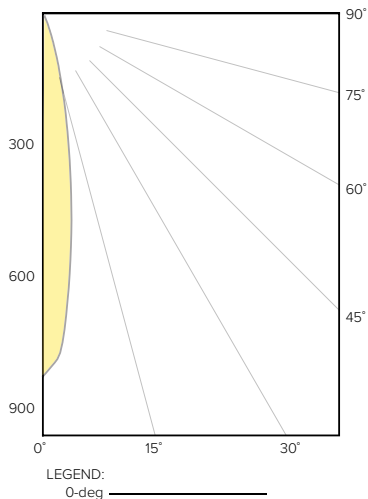
CANDELA DISTRIBUTION

Angle	Candela (0.0)
0	827
5	657
15	173
25	34
35	10
45	6
55	4
65	18
75	1
85	0
90	0

IES

HUBBELL Lighting