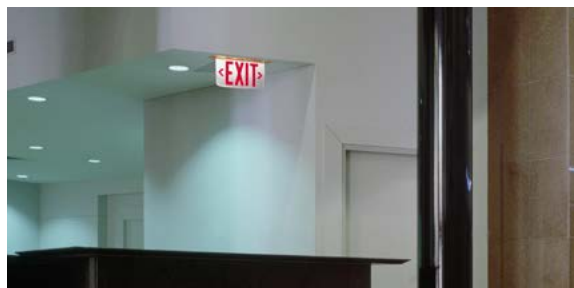


DUAL-LITE



Serves the architectural, commercial and industrial market place since 1940. Recognized for innovative designs and quality life safety products. Dual-Lite offers LED Emergency lighting units, exit signs, battery packs and central lighting inverters.



Not Available in Canada

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Architectural LED Emergency Light



U.S. Patents Pending

FEATURES

- Architectural LED based emergency light for wall or ceiling commercial application
- High impact, flame rated and UV stable white thermoplastic housing
- Fully adjustable high output LED lamp-heads
- Environmentally Friendly Nickel Metal Hydride Battery
- Includes top mount conduit entry
- Temperature Range: 20°C to 30°C(68°F to 86°F), damp: 10°C to 40°C(50°F to 104°F)
- UL924 Listed(optional damp location listed)

ORDERING INFORMATION

MODEL	CAPACITY	RATING	SELF DIAGNOSTICS	OPTIONS
EV				
	2 1 W LED heads 4 2W LED heads ⁴ OR 1W LED w/ remote cap. ¹	Blank Standard Model D Damp Location Listing ²	Blank None I Spectron® Self-diagnostic	B Black Finish 24K 220-240VAC60Hz with Spectron ³ 02L 2 watt LED heads ⁵ 0 No-head option to run external remotes only ⁶

¹Capacity to run 2 head remote
²EV2 available with or without damp listing, all other models include damp
³-24K option only available with damp plus Spectron®
⁴Not capable of running remote heads
⁵Can only be run from EV4 model
⁶-0 No-head option only available with EV4D-02L, with or without Spectron®
NOTE: Remote Capacity Option will only power the EVR2 and EVO remotes

POWER CONSUMPTION

	AC VOLTAGE	HZ.	AMPS.	WATTS	POWER FACTOR
EV2 EV2D	120	60	0.015	1.10	0.61
	240	60	0.009	1.43	0.62
	277	60	0.008	1.45	0.62
EV4D	120	60	0.022	2.00	0.73
	240	60	0.015	2.51	0.65
	277	60	0.014	2.75	0.63

Maintenance mode power consumption less than 0.5 watts.

ELECTRONICS

- 120/277VAC input with Intelligent 2 wire connection
- AC lockout and Low Voltage disconnect
- Battery re-charge within 24 hours
- Optional Self-Test/Self-Diagnostic circuitry

MATCHING INDOOR REMOTE FIXTURES

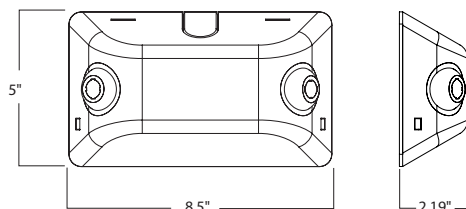
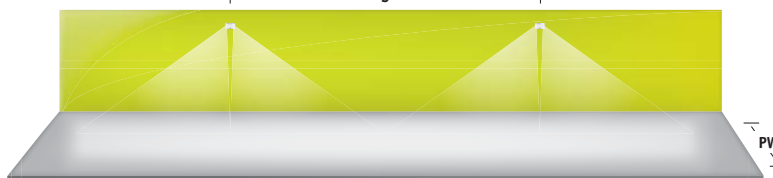
WHITE SINGLE	BLACK SINGLE
EVR2	EVR2B

ACCESSORIES

MODEL	DESCRIPTION
VRS3	Vandal resistant shield
WGLZ	Wire Guard

MULTI-UNIT SPACING

— s —



1 fc Average			1 fc Minimum		
	Using 1 Watt Heads	Using 2 Watt Heads		Using 1 Watt Heads	Using 2 Watt Heads
Path Width (PW)	Spacing (S)	Spacing (S)	Path Width (PW)	Spacing (S)	Spacing (S)
3'	27'	39'	3'	14'	18'
6'	20'	33'	6'	10'	14'

Architectural LED Emergency Remote

FEATURES

- Matching LED remote for the Evolution family
- High performance LEDs
- Architectural remote specifically for the Evolution family
- Durable Die-Cast Construction
- Fully gasketed, waterproof construction
- Single or Double Lamp-heads
- Corrosion resistant Black or White finish



EMERGENCY LIGHTING

ORDERING INFORMATION

EVR	2	
MODEL	HEADS	FINISH
	2 (2) integral LED lamp heads	Blank White B Black Finish

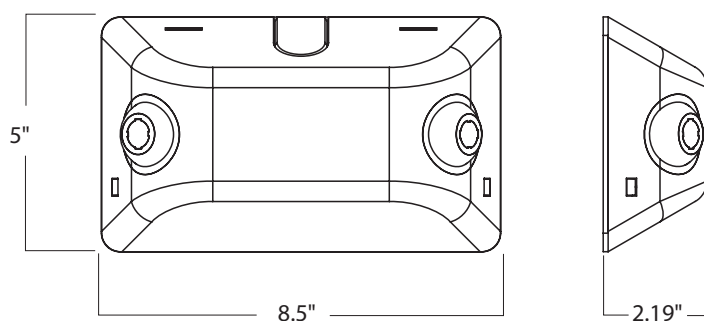
CAUTION: The EVR remote can only accept input power from the EV4D, EV4DI emergency light, or the EVC-D4 combo with remote capacity. The EVR will not work with any other emergency units.

INPUT POWER REQUIREMENTS

- 4.8Vdc at 2 watts provided from the EV4D emergency light or EVC-D4 combo with remote capacity

SPECIFIC LED INFORMATION

- Lamp color: Cool white
- Total lamp output: 88 lumens per LED
- System Efficacy: 80 Lumens per LED
- Rated LED Lamplife: Greater than 100,000 hrs



DIMENSIONAL NOTE

Dimensions reflect maximum fixture width and depth.

Not Available in Canada



EVHC

High Lumen LED Emergency Light



U.S. Patents Pending

FEATURES

- High lumen output for high mounting height application
- Fully adjustable LED lamp-heads
- Long-Life Lithium Iron Phosphate Battery
- Temperature Range: 10°C to 40°C (50°F to 104°F)
- Listed to UL924 standards

ORDERING INFORMATION

MODEL	CAPACITY	SELF DIAGNOSTICS	FINISH	OPTIONS
EVHC				
	6 6 Watts	Blank No Self-Diagnostics	Blank White	06L 6 Watt LED Lamps ¹
	12 12 Watts	I Spectron® Self-Diagnostics ⁴	B Black	BC Battery Compartment ^{2,3}

¹ Only available on EVHC with 12 watt capacity

² BC option only available in White Finish

³ BC option only available with EVHC6, EVHC6I, EVHC12 or EVHC12I, not available with EVHC12-06L or EVHC12I-06L

⁴ Not for use with 220-240VAC input

INPUT POWER CONSUMPTION

	INPUT V.	AMPS.	MAX. WATTS
EVHC6	120	0.028	2.30
	277	0.028	2.2
EVHC6I	120	0.023	2.30
	277	0.028	2.2
EVHC6I2	120	0.04	3.7
	277	0.04	4.0
EVHC6I2I	120	0.035	3.7
	277	0.04	4.0

Maintenance Mode Power Consumption -
120 VAC - 0.32W; 277VAC - 0.36W

ELECTRONICS

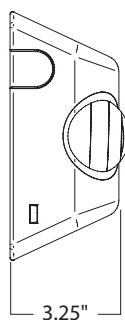
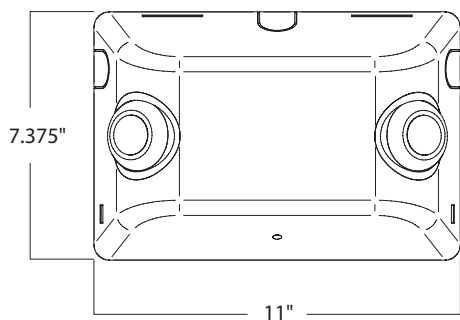
- 120 through 277 VAC, 50/60Hz input with intelligent 2 wire connection
- AC lockout and Low Voltage disconnect
- Battery re-charge within 24 hours
- Optional Self-Test/Self-Diagnostic circuitry
- -BC option adds ease of access battery compartment with polarity sensitive connector

MATCHING INDOOR REMOTE FIXTURES

WHITE DOUBLE
EVHCR2



BC option



Not Available in Canada

Recessed Ceiling Mount LED Emergency Light

FEATURES

- Architectural recessed ceiling mount, emergency light with superior emergency lighting coverage
- Flame-rated, UV stable thermoplastic housing
- Choice of round or rectangular trim-plate in white or black finish
- 4 LEDs housed within an aluminum heat-sink and adjustable optic assembly
- Individual LEDs are driven at 1 watt each for 88 lumens per LED
- UL924 damp location listed
- IC Rated



EMERGENCY LIGHTING

ORDERING INFORMATION

EV	4	R		
MODEL	CAPACITY	RECESSED	SELF DIAGNOSTICS	COLOR
	4 4 Watts	R Recessed	Blank No SD I Spectron Self-Diag. ³	Blank White B Black

¹ Each model includes round or rectangular trim-plate

² Each model is damp listed

³ Not for 220-240VAC input

ELECTRONICS

- 120/277VAC input with Intelligent 2 wire connection
- AC lockout and Low Voltage disconnect
- Battery re-charge within 24 hours
- Optional Self-Test/Self-Diagnostic circuitry

POWER CONSUMPTION

	AC Voltage	Hz.	Amps.	Max. Watts	Power Factor
EV4R	120	60	0.022	2.00	0.73
	240	60	0.015	2.51	0.65
	277	60	0.014	2.75	0.63

Maintenance mode power consumption less than 0.5 watts.



MULTI-UNIT SPACING

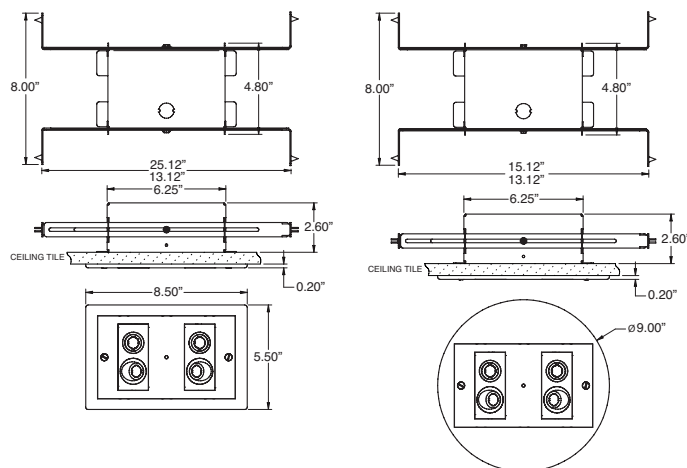


Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes open space with no obstructions, ceiling height of 9' and reflectances of 80/50/20. Photometry files available on the Dual-Lite web site (www.dual-lite.com).

Mounting Height: 9'

Path Width: 6'

Spacing: 42'



Not Available in Canada





GEOPAK™

Outdoor Geometric LED Wallpack

EMERGENCY LIGHTING



FEATURES

- "Normally On" emergency luminaire for architectural applications
- Made from die-cast aluminum with four finishes; Dark Bronze, Platinum Silver, White and Black
- Available in three geometric shapes: Radius, Trapezoid and Quartersphere
- 12 high-power LEDs create 3115 lumens in AC and 658 lumens in emergency mode
- Environmentally friendly, long-life Lithium Iron Phosphate battery
- Standard Temperature Range: 0°C to 40°C, Optional Heater: -30°C to 40°C
- Wet Location Listed to UL924

ORDERING INFORMATION

MODEL	CCT	VOLTAGE	FINISH	OPTIONS
RD11 Radius	3K 3000K	U 120/277 VAC	DB Dark Bronze	E Emergency with Battery
TRP1 Trapezoid	4K 4000K		PS Platinum Silver	EH Emergency with Battery and Heater (-30°C to 40°C)
QSP1 Quartersphere			WH White	
			BL Black	

¹ Stocked models have a CCT of 4000K.

² Order AC only models through Hubbell Outdoor

INPUT POWER CONSUMPTION

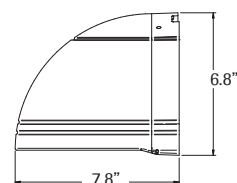
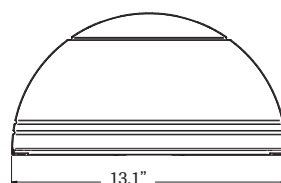
	INPUT VOLTS	AMPS	MAXIMUM WATTAGE
GeoPak	120	0.27	31.8
	277	0.15	32.2
GeoPak with heater	120	0.42	50.2
	277	0.20	50.7

ELECTRONICS

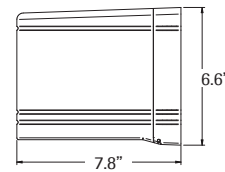
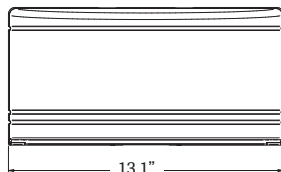
- Includes Spectron Self-Test/Self-Diagnostic circuitry
- 120/277VAC input with Transient Surge Protection
- AC lockout and Low Voltage disconnect
- Battery re-charge within 24 hours
- Automatic transfer in brown-out conditions

DIMENSIONS

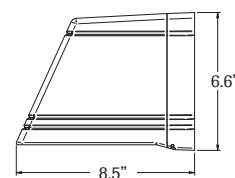
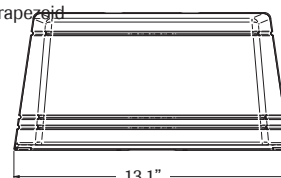
Quartersphere



Radius



Trapezoid



WEIGHT

TRP1- 11.5 lbs
QSP1- 10.5 lbs
RD11- 11.5 lbs



Not Available in Canada

Emergency LED Sconce

FEATURES

- Emergency unit for indoor/outdoor architectural applications
- Sturdy, ADA compliant, vandal-resistant, die-cast aluminum construction
- Four long-life, 6350K, high-output LEDs configured in redundant pairs
- Wide area illumination pattern with no heads to aim
- Maintenance-free nickel-cadmium battery with fully automatic charger
- Temperature range: 0°C to 50°C (32°F to 122°F), w/heater: -30°C to 50°C (-22°F to 122°F)
- UL 924 Wet location Listed
- U.S Patent No. D627,916



EMERGENCY LIGHTING

ORDERING INFORMATION

PG		
MODEL	FINISH	OPTIONS
	W White	HTR Battery Heater
	Z Dark Bronze	Add suffix to model
	P Platinum Silver	
	B Black	

ELECTRONICS

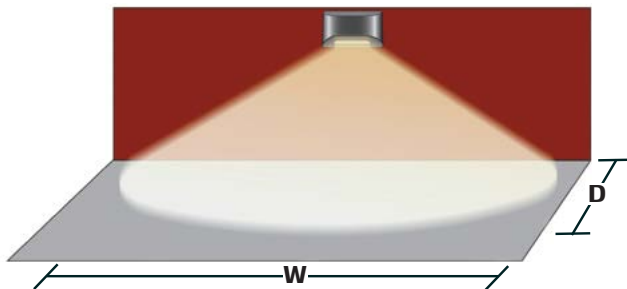
- 120/277 60 Hz VAC operation, test switch and LED AC-On indicator light
- Spectron® self-test/self-diagnostic circuitry
- Transformer isolation, surge, transient and low voltage disconnect protection
- Standard electrical box and conduit entry provisions
- Reverse polarity, short circuit and AC lockout protection

POWER CONSUMPTION

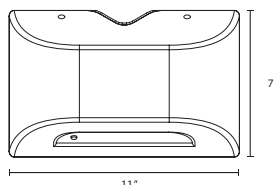
MODEL WITHOUT HEATER		MODELS WITH HEATER	
120VAC	2.78 Watts	120VAC	15.2 Watts
277VAC	2.88 Watts	277 VAC	15.7 Watts
Power factor, average: .60 (lagging)		Power factor, average: .97 (lagging)	

SINGLE UNIT COVERAGE

Mounting Height: 9'
Outdoor Reflectance: 0/30/10
Indoor Reflectance: 80/50/20

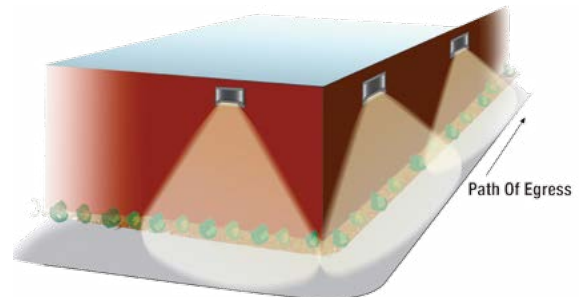


	INDOOR	OUTDOOR
1 FC Average (W x D)	33' X 10'	27' X 10'
1 FC Minimum (W x D)	10' X 10'	9' X 10'

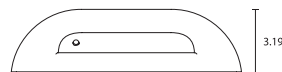


MULTIPLE UNIT SPACING

Mounting Height: 9'
Illuminated Path Depth: 6'
Outdoor Reflectance: 0/30/10
Indoor Reflectance: 80/50/20



	INDOOR	OUTDOOR
1 FC Average	44'	33'
1 FC Minimum	16'	15'



Not Available in Canada



PGF1

High Performance LED Sconce

EMERGENCY LIGHTING



FEATURES

- High performance LED wall-pack
- Sturdy, ADA compliant, vandal resistant, die-cast aluminum construction
- 7 long life 4300K high output LED's; 50,000 hours
- Wide area illumination with no heads to aim
- Dark Sky Compliant with use of supplied full cut-off shield
- Available with optional 120VAC photo-control
- Temperature range of -30° C to 50° C (-22° F to 22° F)
- Certified to UL1598 for use in wet locations
- U.S. Patent No. 0627,916

ORDERING INFORMATION

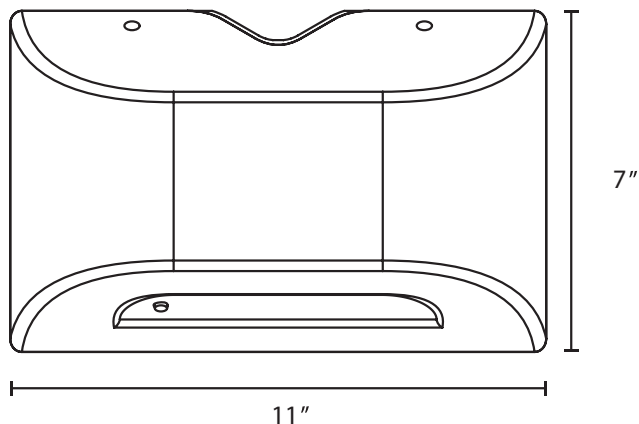
PGF1		—	
MODEL	FINISH	OPTIONS	
	Z Dark Bronze	PC1 120VAC Photo-control	
	P Platinum Silver		

INPUT POWER REQUIREMENTS

- 17.7 watts at 120/277VAC

SPECIFIC LED INFORMATION

- Lamp color: Cool white, 4300K
- Total lamp output: 1067 lumens
- LED Lamplife: 50,000 hrs.



Not Available in Canada

High Performance LED Sconce

FEATURES

- Normally-on sconce for indoor/outdoor architectural applications
- Compatible with remote DC input for emergency operation on same circuit
- Sturdy, ADA compliant, vandal-resistant, die-cast aluminum construction
- Four long-life, 4000K, high-output LEDs configured in redundant pairs
- Wide area illumination pattern with no heads to aim
- Dark sky compliant with use of supplied full cutoff shield
- Temperature range: -30°C to 50°C (-22°F to 122°F)
- UL 924 Wet location Listed
- U.S. Patent No. D627,916



EMERGENCY LIGHTING

ORDERING INFORMATION

PGN

MODEL

FINISH

- W** White
- Z** Dark Bronze
- P** Platinum Silver
- B** Black

POWER CONSUMPTION

AC		DC	
120 VAC	17 Watts	6 VDC	12 Watts
277 VAC	17 Watts	12 VDC	12.5 Watts

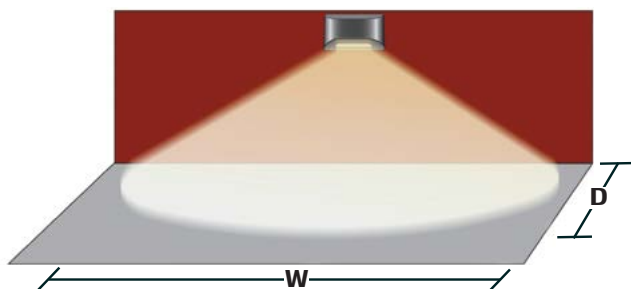
Power factor, average: .80 (lagging)

ELECTRONICS

- 120/277 60 Hz VAC operation
- Compatible with switched circuits
- Transformer isolation, surge, and transient protection
- Short circuit protection

SINGLE UNIT COVERAGE

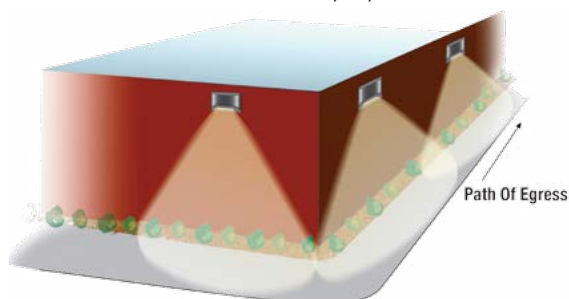
Mounting Height: 9'
Outdoor Reflectance: 0/30/10
Indoor Reflectance: 80/50/20



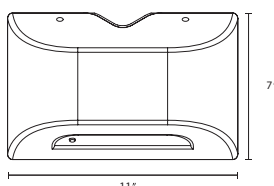
	INDOOR	OUTDOOR
1 FC Average (W x D)	35' X 10'	29' X 10'
1 FC Minimum (W x D)	11' X 10'	10' X 10'

MULTIPLE UNIT SPACING

Mounting Height: 9'
Illuminated Path Depth: 6'
Outdoor Reflectance: 0/30/10
Indoor Reflectance: 80/50/20



	INDOOR	OUTDOOR
1 FC Average	49'	37'
1 FC Minimum	19'	16'



Not Available in Canada



NEMA 4X / C1D2 / C2D1 Industrial LED Emergency Light



U.S. Patents Pending

FEATURES

- Industrial LED based emergency light for wall or ceiling mount application
- High impact gray finish housing, covers and shield in polycarbonate
- Fully adjustable high output LED lamp-heads with locking feature
- Food Processing option (FP) includes shield over lamp-heads
- Environmentally friendly, long-life Lithium Iron Phosphate Battery
- Continuous Lumen Output over the full 90 minute discharge requirement
- Includes conduit entry through top center and both sides
- Temperature Range: Wet/NEMA4X 10°C to 50°C (50°F to 122°F), Heater Option: -30°C to 50° (-22°F to 122°F)
- Listed to UL924 Standard, Wet Location and NEMA 4X/IP66 Certified, Class 1 Div. 2 and Class 2 Div. 1, listed to UL Standard 924 and 844 (Hazardous Location)

ORDERING INFORMATION

DYN				
MODEL	CAPACITY	SELF DIAGNOSTICS	APPLICATION	OPTIONS
	6 6 Watts ²	Blank No Self-Diagnostics	Blank Wet Location	Blank 3 Watt LED lamps ¹
	12 12 Watts ³	I Spectron® Self-Diagnostics	4X NEMA4X/IP66 rated	06L 6 Watt LED lamps ¹
			FP Food Processing Rated ⁴	
			HTR Heater for Cold Temp ⁵	
			C1D2 Class 1, Div. 2 ⁶	
			C2D1 Class 2, Div. 1 ⁷	

¹ Only available on DYN with 12 watt capacity

² DYN6 only available in the following configurations-DYN6, DYN6I, DYN6-4X, DYN6I-4X, DYN6I-4X-HTR, DYN6I-4X-FP, DYN6I-4X-HTR-FP

³ DYN12 only available in the following configurations-DYN12, DYN12I, DYN12-4X, DYN12-4X-FP, DYN12I-4X, DYN12I-4X-HTR, DYN12I-4X-FP, DYN12I-4X-HTR-FP, DYN12I-06L, DYN12I-06L, DYN12I-4X-06L, DYN12I-4X-FP-06L, DYN12I-4X-HTR-06L, DYN12I-4X-FP-06L, DYN12I-4X-HTR-FP-06L

⁴ FP option must be ordered with 4X option. Example: DYN6I-4X-FP

⁵ HTR option only available with Spectron

⁶ C1D2 Option only available with DYN6I-C1D2, DYN12I-C1D2, and DYN12I-C1D2-06L

⁷ C2D1 Option only available with DYN6I-C2D1, DYN12I-C2D1, and DYN12I-C2D1-06L, which includes shield

INPUT POWER CONSUMPTION

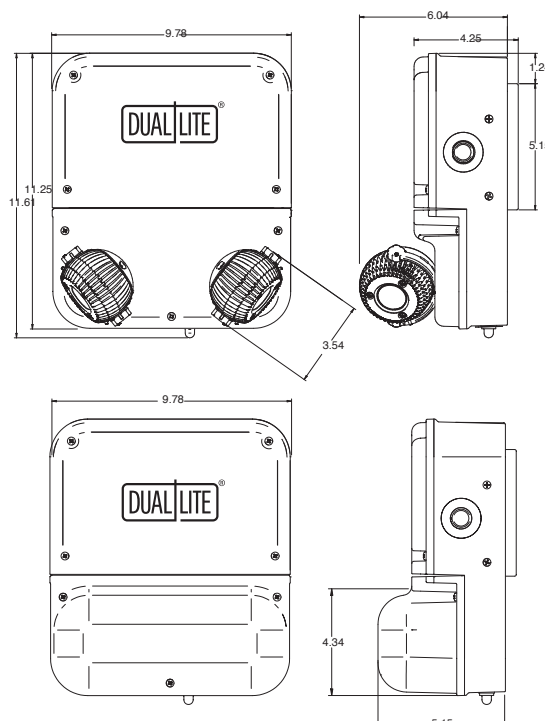
	INPUT VOLTS	CURRENT	MAXIMUM WATTAGE
DYN6	120	0.03	3.40
	277	0.04	3.49
DYN6 with heater	120	0.18	20.94
	277	0.08	21.13
DYN12	120	0.05	5.98
	277	0.04	6.52
DYN12 with heater	120	0.21	25.30
	277	0.09	25.60

Maintenance Mode Power Consumption -
120 VAC - 0.33W; 277VAC - 0.36W

ELECTRONICS

- 120 through 277VAC input at 50/60Hz with Intelligent 2 wire input connection
- AC lockout and Low Voltage disconnect
- Battery re-charge within 24 hours
- Optional Self-Test/Self-Diagnostic circuitry
- Optional Heater Circuitry
- Optional remote capacity to run matching remote heads

DIMENSIONS



MATCHING REMOTE FIXTURE

REMOTE HEADS	
DYNRS-4X	NEMA4X Rated Single Head Remote
DYNRD-4X	NEMA4X Rated Double Head Remote
DYNRS-4X-FP	Food Processing rated Single Head Remote
DYNRD-4X-FP	Food Processing rated Double Head Remote
DYNRD-C1D2	Class 1 Div. 2 Remote, 3W Heads, 1 conduit hub included
DYNRD-C2D1	Class 2 Div. 1 Remote, 3W Heads with shield, 1 conduit hub included



Not Available in Canada

NEMA 4X/ C1D2/C2D1 LED Remote

FEATURES

- Matching LED remote for the DYN series
- Available in wet/NEMA4X or food processing option
- Food processing option adds a shield
- Single or double lamp-head
- Designed for -22°F to 122°F (-30°C to 50°C)
- Hazardous location certified remotes include 1 conduit hub



REMOTE HEADS AND FIXTURES

ORDERING INFORMATION

DYNR			
MODEL	HEADS	APPLICATION	OPTIONS
	S Single ¹	4X NEMA 4X/IP66 rated	Blank NEMA 4X
	D Double ²	C1D2 Class 1, Div. 2 ³	FP Food Processing Rated with Shield ⁴
		C2D1 Class 2, Div. 1 with Shield ³	

Notes:

¹DYNRS single head must be ordered with 4X or 4X-FP

²DYNRD double-head must be ordered with 4X, 4X-FP, C1D2, C2D1

³C1D2 and C2D1 only available with double-head

⁴FP option only available with 4X

CAUTION: The DYN remote can only accept input from the DYN emergency light with remote capacity. The DYN remote will not work correctly with input from any other unit.

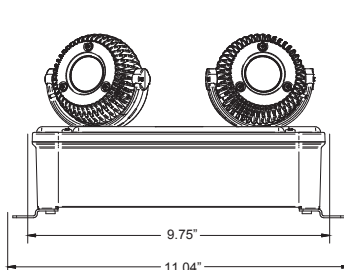
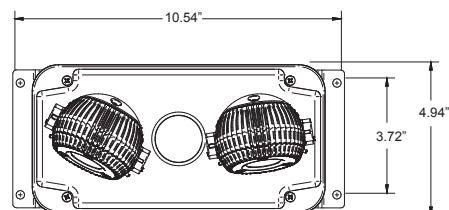
INPUT POWER REQUIREMENTS

- 12.8vdc at 3 watts per head provided exclusively from a DYN12 or DYN12I with remote capacity

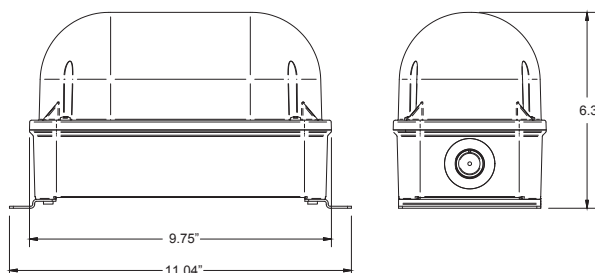
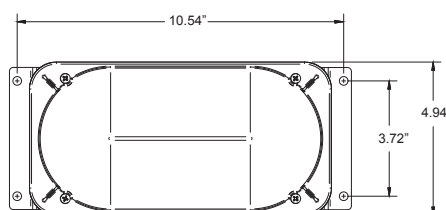
SPECIFIC LED INFORMATION

- Lamp color: Cool white, 5000K
- Total lamp output: 331 lumens per lamp
- Rated LED Lamplife: Greater than 100,000 hrs.

DIMENSIONS



OPTIONAL FOOD PROCESSING WITH SHIELD DIMENSIONS



Not Available in Canada



HLEBS

Hazardous Location Emergency Light

EMERGENCY LIGHTING



FEATURES

- Hazardous location LED based emergency lighting system
- Copper free (less than 0.4%) aluminum housing with a baked on electro-statically applied epoxy
- Long-life Nickel Cadmium batteries
- Integral Push-To-Test switch and AC indicator

ORDERING INFORMATION

HLEBS	23DH	P	T	
MODEL	CAPACITY	TEST OPTIONS	TIME DELAY	LAMP-HEAD OPTIONS
23DH	23 Watts with two heads for 90 min	P Integral PTT on Enclosure	T 15 Min Time Delay (120 or 277VAC)	<p>N No heads - For Remote Heads Ordered Separately</p> <p>A 2 HLEBSHK1030 Heads Factory Attached</p> <p>BG 2 HLEBSEL1030 Heads with Guards and Fittings for Attachment</p> <p>BE 2 HLEBSEL1030 Heads with 1 Guard and 1 HEXA-100 EXIT and Fittings for Attachment</p> <p>CG 1 HLEBSHK1030 Heads Attached and 1 HLEBSEL1030 Head with Guard and Fittings for Attachment</p> <p>CE 1 HLEBSHK1030 Heads Attached and 1 HLEBSEL1030 Head with HEXA-100 EXIT and Fittings for Attachment</p> <p>D 1 HLEBSHK1030 Only (2nd Head Remote - Ordered Separately)</p> <p>EG 1 HLEBSEL1030 Only with Guard and Fittings for Attachment (2nd Head Remote - Ordered Separately)</p> <p>EE 1 HLEBSEL1030 Only with HEXA100 EXIT and Fittings for Attachment (2nd Head Remote - Ordered Separately)</p>

DIRECT MOUNT CONFIGURATION EXAMPLES



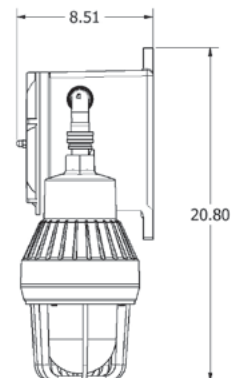
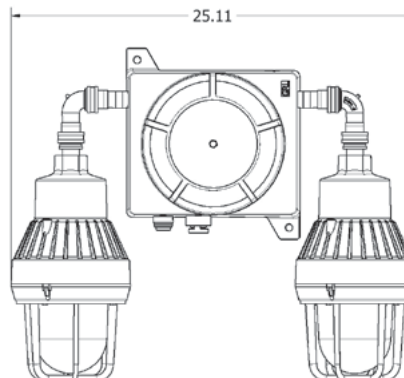
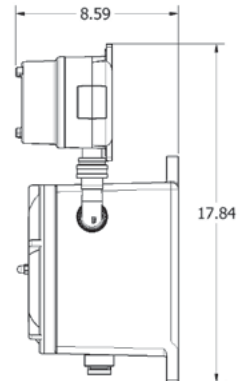
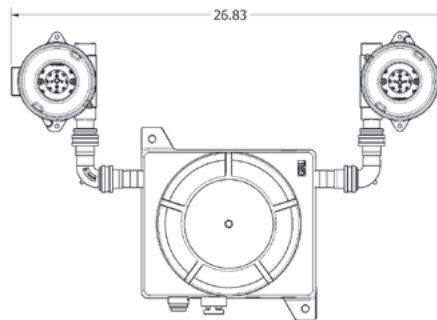
A- HK Heads Attached



BE-EL Heads and Exit Acc.



CG-HK and EL Heads



Not Available in Canada

Hazardous Location Emergency Light

FEATURES

- The EL and HK heads are available for indirect remote mounting and are used in conjunction with the HLEBS housing/charger assembly designed to run 2 heads max.
- All remote heads are hazardous location listed
- All heads are 30VDC input with 10W load
- EL heads offer 1021 lumens and HK heads offer 905 lumens initial output



Pendant

INDIRECT MOUNT CONFIGURATION EXAMPLES (ORDERED SEPARATELY)



Pendant

Ceiling

Wall

EL Remote Heads 10W 30VDC

	Pendant 3/4"	Ceiling 3/4"	Wall 3/4"
With Guard	HLEBSEL1030A2G	HLEBSEL1030X2G	HLEBSEL1030B2G
Without Guard	HLEBSEL1030A2	HLEBSEL1030X2	HLEBSEL1030B2

Classification: CID1CD; CIID1EFG



EBSHK1030-RFSC

EBSHK1030-RFSL

HK Remote Heads 10W 30VDC

HK Head with Adjustable Factory Sealed "C" fittings set

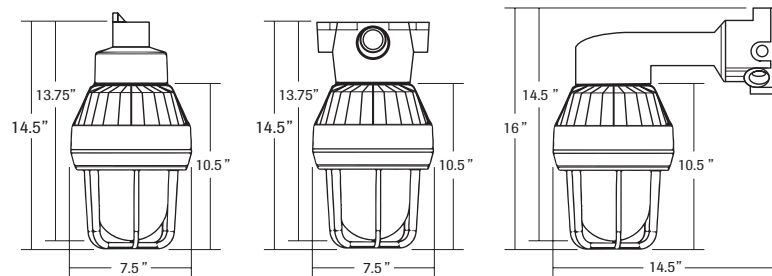
HLEBSHK1030-RFSC

HK Head with Adjustable Factory Sealed "L" fittings set

HLEBSHK1030-RFSL

Classification: CID1D; CIID1EFG

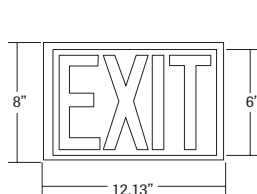
DIMENSIONS



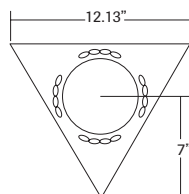
Pendant

Ceiling

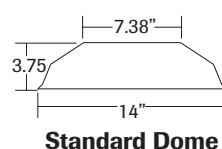
Wall



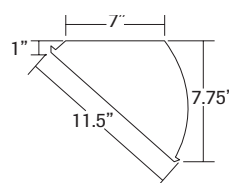
Exit Sign



Exit Accessory








Standard Dome



Angled

LUMINAIRE ACCESSORIES

MODEL	DESCRIPTION	
HEXA-100	Exit Accessory	
EMG1	Globe Guard	
EMG1R	Red Globe Guard	
ERSD15	Dome Reflector	
ERA15	Angle Reflector	

Not Available in Canada



CCU2

Chicago LED Steel Emergency Unit



FEATURES

- Chicago Approved Unit for industrial and commercial applications
- 20 guage steel with white finish
- Long-life LED lamps provide bright and even illumination
- Dual 120/277VAC input
- Includes Sealed Lead Acid battery
- Knockouts for wall mounting
- Knockouts for top and side mounting lamp heads
- AC-on and test switch
- Approved for use in the City of Chicago

ORDERING INFORMATION

CCU2

MODEL



WATTS

Blank 10W

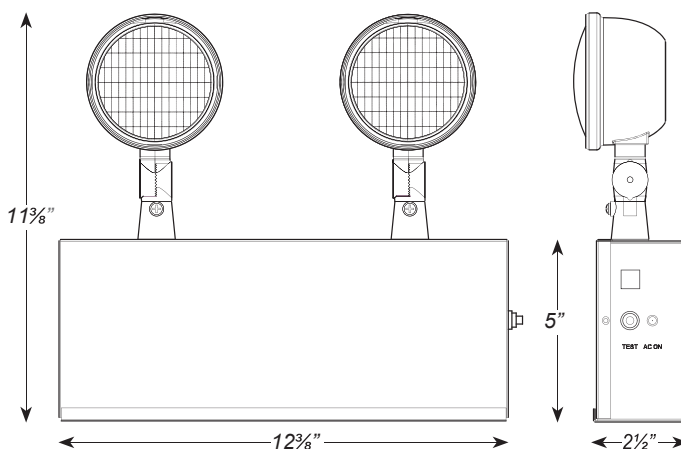
RC Remote Capacity
(20W)

MAXIMUM POWER CONSUMPTION

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
CCU2	8.4	9.4	0.08A	0.04A
CCU2RC	8.7	10.0	0.09A	0.05A

ELECTRONICS

- Sealed Lead Acid Battery
- Dual 120/277 Temperature Range
- Operating Temp: 20°C to 50°C



CRHO - Outdoor Remote for Chicago
CRHI - Indoor Remote for Chicago



Outdoor Remote Head



Indoor Remote Head

LED Remote Heads for Chicago Products

FEATURES

- LED Single or Double Remote Head
- Outdoor Remote made of Die-Cast Aluminum
- Indoor Remote made of Durable 20-Gauge Steel
- Glass Lens
- Works with Chicago approved CCU2RC, CRURC and CLSC with remote capacity option



Indoor Remote Head - CRHI

Outdoor Remote Head - CRHO

REMOTE HEADS AND FIXTURES

ORDERING INFORMATION

CRH

MODEL



APPLICATION

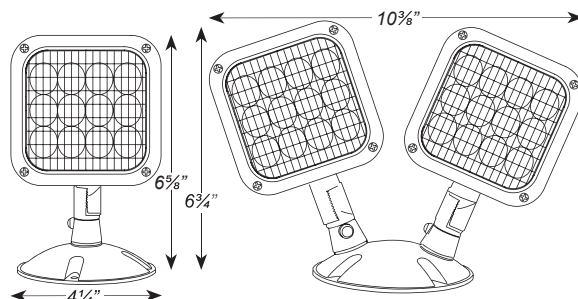
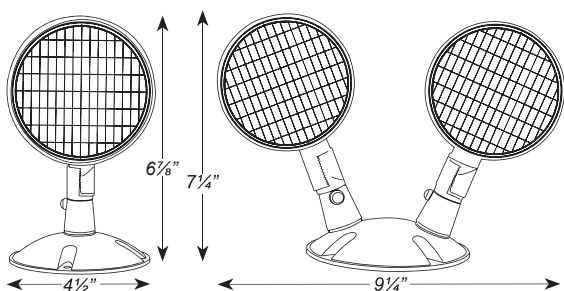
- I** Indoor
O Outdoor



HEADS

- Blank** Single
2 Double

DIMENSIONS



Not Available in Canada



LED Emergency Exit Sign



FEATURES

- Compact LED based EXIT sign for wall, ceiling or end mounting
- Matching Family Appearance
- Bright and even EXIT panel illumination
- AC only or 90 minute panel illumination in the event of power outage
- Environmentally friendly, long life-cycle Nickel Metal Hydride battery
- UL924 Damp Location Listed
- Long-Life LEDs, 100,000 hours

ORDERING INFORMATION

EVE	U					
MODEL	FACES	LETTER COLOR	FINISH	OPERATION	SELF DIAGNOSTICS	OPTIONS
	U Universal Face	R Red G Green	W White B Black ⁷	Blank Standard Model E Emergency	Blank None I Spectron® Self-diagnostic ⁶	2C 2 circuit operation ^{2,5} FAP Fire Alarm Panel ^{1,3,5,6} FM Flasher Module ^{1,6} AF Audible Flasher ^{1,6} DC Remote DC Operation ^{2,4,6} 24K 220-240VAC 50,60Hz with Spectron® SW Special Wording ^{7,8}

¹ For use with Spectron self-diagnostic models only

² For use with AC models only

³ Operates with 24 volt AC or DC fire alarm panels

⁴ For emergency illumination of sign from remote 6-24 VDC power source

⁵ -DC option may not be specified with -2C or -FAP options

⁶ -AF-FM and -FAP options may not be specified together

⁷ See page 2 for special wording options

⁸ Special worded sign ships as a universal single or double face

MATCHING FAMILY FIXTURES

MODEL	DESCRIPTION
EV Unit	2 LED Indoor Emergency Light
EVC	Exit Sign/ LED Emergency Light

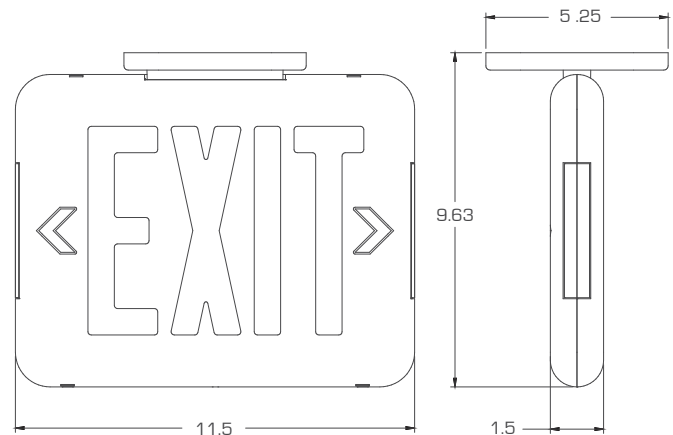
ACCESSORIES

MODEL	DESCRIPTION
WGLX	Wire Guard (Wall Mount)
WGLXC	Wire Guard (Ceiling Mount)

SPECIAL WORDED OPTION SELECTION:

MODEL	DESCRIPTION
SW3	IN USE
SW4	X-RAY IN USE
SW10	AREA OF REFUGE
SW11	AREA OF REFUGE WITH WHEELCHAIR
SW13	AREA OF RESCUE ASSIST. WITH WHEELCHAIR
SW69	SALIDA

* All special worded selections ship as a universal sign for single or double-face application.



Architectural LED Combination EXIT/Emergency Light

FEATURES

- Compact, Architectural based combination EXIT/emergency light for wall, ceiling or end mounting
- High impact, flame rated and UV stable thermoplastic housing
- Dual-ratcheting design for full range LED lamp-head positioning
- Bright and even EXIT panel illumination
- Environmentally friendly, long life-cycle Lithium Iron Phosphate battery
- Includes top mount conduit entry
- Temperature Range: 20°C to 30°C (68°F to 86°F), damp: 10°C to 40°C (50°F to 104°F)
- UL924 Listed (optional damp location listed)



EXIT SIGNS

ORDERING INFORMATION

<div>EVC</div>	<div>U</div>					—	
MODEL	FACES	LETTER COLOR	FINISH	APPLICATION	SELF DIAGNOSTICS		OPTIONS
	U Universal Face	R Red G Green	W White B Black ⁷	Blank Standard Model D4 2 LED Remote Capacity D Damp Listed ²	Blank None I Spectron® Self-diagnostic ⁶		O No Lamp-heads ³ FAP Fire Alarm Panel ^{1,5} FM Flasher Module ^{1,5} AF Audible Flasher ^{1,5} 24K 220-240VAC 50,60Hz with Spectron® ⁴

¹Can only be specified with Spectron® Self-Diagnostics and remote capacity

²Damp Location Listed not available with EVCURW and EVCUGW base models, standard with all other models

¹Can only be specified with Spectron® Self-Diagnostics and remote capacity

²Damp Location Listed not available with EVCURW and EVCUGW base models, standard with all other models

³No-head option only available on the EVC with remote capacity

⁴24K option only available with Spectron® Self-Diagnostic and remote capacity

⁵FAP, FM or AF options may not be specified together

⁶Spectron® Self-Diagnostics only available with damp

⁷Black finish only available with damp option

POWER CONSUMPTION

AC VOLTAGE	HZ.	AMPS.	WATTS	POWER FACTOR
120	60	0.021	1.65	0.65
277	60	0.017	2.42	0.52

MATCHING REMOTE FIXTURES

MODEL	DESCRIPTION
EVR2	2 LED indoor remote
EVO	Single or Double head outdoor remote
EVR2B	2 LED Remote with Black Finish
VR53	Vandal Resistant Shield

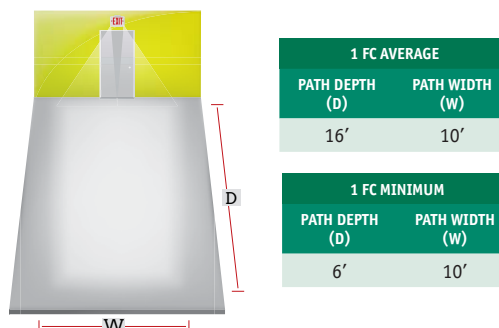
ACCESSORIES

MODEL	DESCRIPTION
VR53	Vandal resistant shield

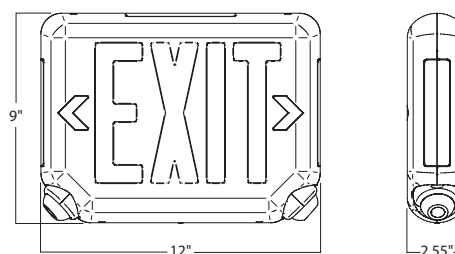
ELECTRONICS

- 120/277VAC input
- AC lockout and Low Voltage disconnect
- Battery re-charge within 24 hours
- Optional Self-Test/Self-Diagnostic circuitry

SINGLE UNIT COVERAGE



Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes open space with no obstructions, mounting height of 7.5', ceiling height of 9' and reflectances of 80/50/20. Photometry files available on the Dual-Lite web site (www.dual-lite.com).



Overall height with Canopy is 9.8"

Not Available in Canada



EVO

Outdoor LED Remote



FEATURES

- Matching LED remote for the Evolution family
- High performance LEDs
- Architectural remote specifically for the Evolution family
- Durable Die-Cast Construction
- Fully gasketed, waterproof construction
- Single or Double Lamp-heads
- Corrosion resistant Black or White finish

ORDERING INFORMATION

EVO

MODEL

HEADS

S Single

D Double

FINISH

B Black

W White

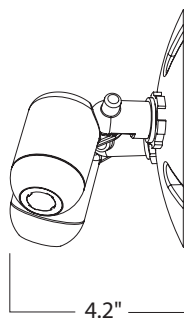
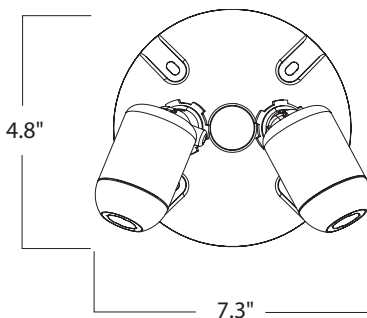
CAUTION: The EVO remote can only accept input power from the EV4D, EV4DI emergency light or EVC-D4 combo with remote capacity. The EVO will not work with any other emergency units.

INPUT POWER REQUIREMENTS

- 4.8Vdc at 1 watt per head provided exclusively from an EV4D or EV4DI emergency light with remote capacity

SPECIFIC LED INFORMATION

- Lamp color: Cool white
- Total lamp output: 88 lumens per head
- System Efficacy: 80 Lumens per LED
- Rated LED Lamplife: Greater than 100,000 hrs.



DIMENSIONAL NOTE

Dimensions reflect maximum fixture width and depth.



Not Available in Canada

Recessed Mounting Edge-Lit LED Exit Sign

FEATURES

- Edgelit exit sign for recessed mounted architectural and commercial applications
- Clear, injection molded, dual plaque acrylic with clear, white or mirror backgrounds
- High strength, extruded aluminum housing in multiple finishes
- Energy saving, long-life LED lamps exceeds brightness and uniformity requirements
- Custom printed, silk screened chevron arrows; 6" letters with 3/4" stroke
- End/ceiling/wall mount and included die-cast aluminum canopy
- Maintenance-free nickel-cadmium battery with fully automatic charger
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 Wet Location Listed
- Special Worded signs certified to UL48-Electric Signs



ORDERING INFORMATION

MODEL	MOUNTING	FACES	LETTER COLOR	DIRECTIONAL ARROWS	FINISH	OPERATION	SELF-DIAGNOSTIC	OPTIONS
LE	C Ceiling mount W Wall mount E End mount	S Single D Double* <small>*Not for use with wall mounted models.</small>	R Red G Green	X No arrows EXIT R Right arrow* EXIT> L Left arrow* <EXIT D Double arrows <EXIT> C L/R arrows** <EXIT/EXIT> <small>*Not for use with double face models. Use "C" L/R arrow designator ** Double face models only. Provides reversible right or left arrow indicator</small>	N Satin Aluminum W White C Chrome B Black S Satin brass Z Dark Bronze	A AC only E Emergency	Blank None I Spectron self-testing/self-diagnostic electronics* <small>*For use with emergency models only.</small>	See "Options" section

OPTIONS

MODEL	DESCRIPTION
SW	Special Wording ¹²
2C	2-circuit operation ^{2,5}
FAP	Fire alarm panel interface ^{3,5,6}
FM	Flasher module ^{1,6}
AF	Audible/Flasher module ^{1,6}
DC	Remote DC Operation ^{2,4,5}
24K	220-240VAC, 60 Hz. operation ⁹
XK	Recessed mount exit sign less rough-in kit ^{7,9}
W	White plaque background
M	Mirror plaque background ⁸
8L	8 inch letter plaque (red letters only) ^{10,11}

¹ For use with emergency models only.

² For use with AC models only.

³ Operates with 24-volt AC or DC fire alarm panels.

⁴ For emergency illumination of sign from remote 6-24 VDC power sources.

⁵ -DC option may not be specified with -2C or -FAP options.

⁶ -AF, -FM and -FAP options may not be specified together.

⁷ Allows ordering of rough-in kit separately for recessed mount (LE) models. See "Accessories".

⁸ For use with single face models only. Standard on double face models.

⁹ Rough-in kit may not be ordered separately on models specified with -24K option.

¹⁰ LE exit models with 8" plaques registered under NYC-BEC Calendar Number 42135 for use in New York City.

¹¹ Single face LE exit signs specified with the -8L option are supplied without backgrounds. Double face models specified with the -8L option are supplied with mirror backgrounds.

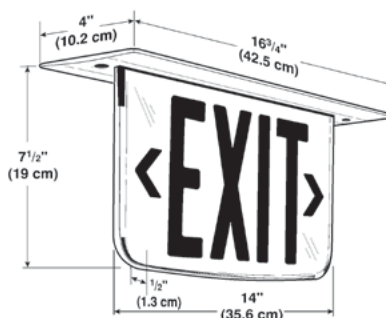
¹² Enter Special Wording choice from page 963; example: SW41. Special wording option not available with 8" letter plaque. Some special wording signs not available with directional arrows.

POWER CONSUMPTION

MODEL	SINGLE FACE	DOUBLE FACE
Red AC Only	2.2W	3.7W
Green AC Only	2.5W	4.4W
Red Emergency	3.3W	4.7W
Green Emergency	3.6W	5.2W

Wattage figures include LED lamps, transformers and electronics power requirements.

Power factor, average: .80 (lagging)



ACCESSORIES

MODEL	DESCRIPTION
URK	Universal rough-in kit
URK2C	Universal 2-circuit rough-in kit ^{a,b,c}

^a For use with AC models only.

^b Rough-in kit may not be ordered separately on models specified with -24K option.

^c Must be ordered in conjunction with -2C option on exit sign.

To Order Rough-In Kit Separately

To order rough-in kit only for early installation, add "-XK" option suffix to exit model number and order "URK" or "URK2C" kit separately.

ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- 90 minute emergency operation
- Reverse polarity, short circuit and AC-lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light

Not Available in Canada



LE,LES,SE

SPECIAL WORDING

Special Worded Sign

SE SEMPRA® SERIES SPECIAL WORDED SIGNS

Dual-Lite's cast-aluminum SE Series exit signs feature an option for custom or standard special-wording. The images below represent a sample of standard special-worded signs available. Please review the SE Series specification sheet for a complete list of standard special-worded signs or contact the factory to request your custom special-worded sign.



SW65 (Makhraj Arabic)



SW10



SW13



SW40



SW47



SW5



SW101



SW7



SW97



SW22



SW31



SW45



SW37



SW98



SW9



SW30



SW69



SW48



SW73



SW4

LE/LES SERIES SPECIAL WORDED SIGNS

LES Series architectural surface-mounted LED edge-lit exit signs feature an option for standard or custom special-wording. The images below represent standard special-worded signs available for the LES Series. The artwork and silk-screening for the standard signs shown below were previously developed therefore pricing for these special-worded signs do not incur a setup charge.

If your special-worded requirements do not appear on this page, please contact the factory to request your custom special-wording sign. Custom special wording signs incur a one time set-up charge for each development.

STANDARD SPECIAL WORDING SIGNS WITH DIRECTIONAL ARROWS



SW118



SW41 (Arabic/Exit)



SW13



SW10



SW69



SW11

STANDARD SPECIAL WORDING SIGNS WITHOUT DIRECTIONAL ARROWS



SW4



SW3



SW31



SW2



Not Available in Canada

Surface Mounting AC Edge-Lit LED Exit Sign

FEATURES

- Edgelit exit sign for surface mounted architectural and commercial applications
- Clear, injection molded, dual plaque acrylic with clear, white or mirror backgrounds
- High strength, extruded aluminum housing in multiple finishes
- Energy saving, long-life LED lamps exceeds brightness and uniformity requirements
- Custom printed, silk screened chevron arrows; 6" letters with $\frac{3}{4}$ " stroke
- Universal end/ceiling/wall mount and included die-cast aluminum canopy
- 120/277VAC 60Hz operation
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 Listed



EXIT SIGNS

ORDERING INFORMATION

LES						AC	-	
MODEL	MOUNTING	FACES	LETTER COLOR	DIRECTIONAL ARROWS	FINISH	OPERATION		OPTIONS
	C Ceiling mount W Wall mount E End mount	S Single D Double* <small>*Not for use with wall mounted models.</small>	R Red G Green	X No arrows EXIT R Right arrow* EXIT> L Left arrow* <EXIT D Double arrows <EXIT> C L/R arrows** <EXIT/EXIT> <small>*Not for use with double face models. Use "C" L/R arrow designator ** Double face models only. Provides reversible right or left arrow indicator</small>	N Satin Aluminum W White C Chrome B Black S Satin brass Z Dark Bronze	A AC only		See "Options" section

OPTIONS

MODEL	DESCRIPTION
W	White plaque background
M	Mirror plaque background ⁽¹⁾
8L	8 inch letter plaque (red letters only) ⁽²⁾⁽³⁾

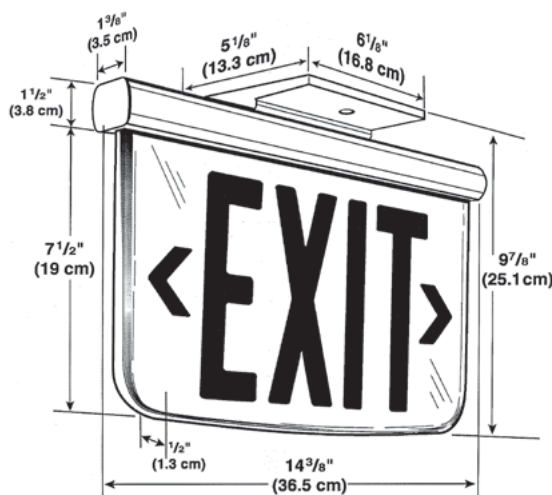
(1) For use with single face models only. Standard on double face models.
 (2) LES exit models with 8" plaques registered under NYC-BEC Calendar Number 42135 for use in New York City.
 (3) Single face LES exit signs specified with the -8L option are supplied without backgrounds. Double face models specified with the -8L option are supplied with mirror backgrounds.

POWER CONSUMPTION

MODEL	SINGLE FACE	DOUBLE FACE
Red AC Only	2.2W	3.4W
Green AC Only	2.5W	4.0W

Wattage figures include LED lamps, transformers and electronics power requirements.

Power factor, average: .15 (leading)



Not Available in Canada



SE SEMPRA®

Die-cast Exit Sign



FEATURES

- Die-cast aluminum exit sign for commercial or light industrial applications
- Master/remote - SEMR (2 sign set) and recessed - SERS models available
- Universal end/ceiling/wall mount and included die-cast aluminum canopy
- Energy saving, long-life LED lamps exceed brightness and uniformity requirements
- Completely concealed break out chevron arrows; 6" letters with 3/4" stroke
- Maintenance-free nickel-cadmium battery with fully automatic charger
- Temperature range: 0°C to 40°C (32°F to 104°F)
- UL 924 Listed; UL 924 Damp Location Listed (SE models only)
- U.S. Patent No. 6,050,013 and 6,082,031

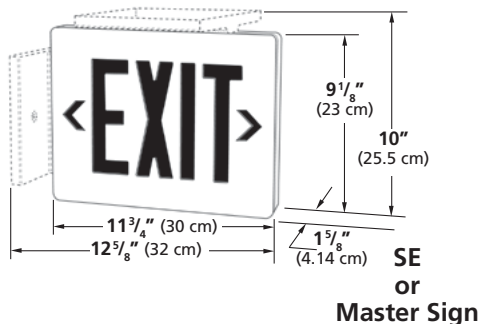
ORDERING INFORMATION

MODEL	FACES	LETTER COLOR	FINISH	OPERATION	SELF-DIAGNOSTIC	OPTIONS
SE (Surface)	S Single	R Red	W White	Blank AC only	Blank None	See "Options" section
SEMR (Master/Remote)	D Double	G Green	B Black	E Emergency	I Spectron self-testing/self-diagnostic electronics	
SERS (Recessed)			BN Black with Brushed Face WN White with Brushed Face			

OPTIONS

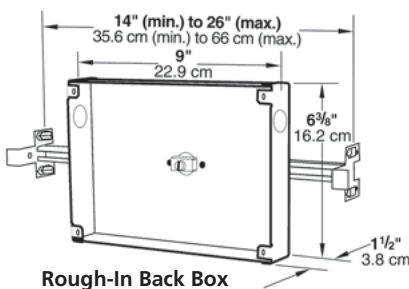
MODEL	DESCRIPTION
SW	Special Wording ⁽⁷⁾
2C	2-circuit operation ⁽²⁾⁽⁵⁾
FAP	Fire alarm panel interface ⁽¹⁾⁽³⁾⁽⁵⁾⁽⁶⁾
FM	Flasher module ⁽¹⁾⁽⁶⁾
AF	Audible/Flasher module ⁽¹⁾⁽⁶⁾
DC	Remote DC operation ⁽²⁾⁽⁴⁾⁽⁵⁾
24K	220-240VAC, 60 Hz. operation
VTR	Vandal/tamper resistant option ⁽⁸⁾
LRBB	Sign assembly less rough-in back box - SERS only

- (1) For use with Spectron® self-diagnostic models only.
 (2) For use with AC models only.
 (3) Operates with 24-volt AC or DC fire alarm panels.
 (4) For emergency illumination of sign from remote 6-24 VDC power sources.
 (5) -DC option may not be specified with -2C or -FAP options.
 (6) -AF, -FM and -FAP options may not be specified together.
 (7) Enter Special Wording choice from page 959; example **SW10**. Not available with SEMR or SERS models.
 (8) Provides polycarbonate face shield and tamper-proof screws. Meets UL listing requirements for floor proximity use.

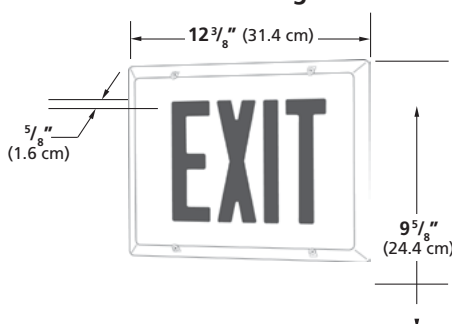


ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- Pre-stripped pigtail leads with push in wiring connectors
- 120 minute emergency operation
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light
- Reverse polarity, short circuit and AC lockout protection



Rough-In Back Box
SERS
or
Remote Sign



POWER CONSUMPTION

MODEL	120VAC	277VAC
Red AC Only	2.6W	2.6W
Green AC Only	2.1W	2.1W
Red Emergency	3.8W	3.8W
Green Emergency	3.5W	3.5W

Wattage figures include LED lamps, transformers and electronics power requirements. LED lamp assemblies (red or green) consume less than 1 watt.
 Power factor, average: .8 (lagging)

ACCESSORIES

MODEL	DESCRIPTION
VRS-3	Vandal resistant shield
FCM-R	Kit converts AC red letter models to emergency operation
FCM-G	Kit converts AC green letter models to emergency operation
PMCW	12 1/2" Pendant mounting kit (white)
PMCB	12 1/2" Pendant mounting kit (black)
WGLX	Wire guard (Wall mount)
WGLXC	Wire guard (Ceiling mount)
WGLXE	Wire guard (End mount)
RBB	Rough in back box kit



Not Available in Canada



SEWL

Wet Location/NEMA 4X Die-cast Exit Sign



FEATURES

- Exit sign for wall mounting in harsh applications or industrial environments
- Heavy-gauge, corrosion resistant and gasketed die-cast aluminum housing
- Spectron® self-test/self-diagnostic circuitry
- Vandal resistant polycarbonate shield, with tamper resistant stainless steel screws
- Universal end/ceiling/wall mount and included die-cast aluminum canopy
- Energy saving, long-life LED lamps exceed brightness and uniformity requirements
- Completely concealed break out chevron arrows; 6" letters with 3/4" stroke
- Maintenance-free, nickel-cadmium battery with fully automatic charger
- Temperature range: -30°C to 50°C (-22°F to 122°F)
- Certified to UL 924 Wet Location Standards; optional IP66; Nema 4X rating

ORDERING INFORMATION

SEWL					
MODEL	FACES	LETTER COLOR	FINISH	OPERATION	OPTIONS
	S Single D Double	R Red G Green	B Black W White	Blank AC Only E Emergency	HTR Internal heater ¹ 4X NEMA 4X rating ²

¹For use with emergency models only.

²Heater comes standard with 4X option on emergency models.

ELECTRONICS

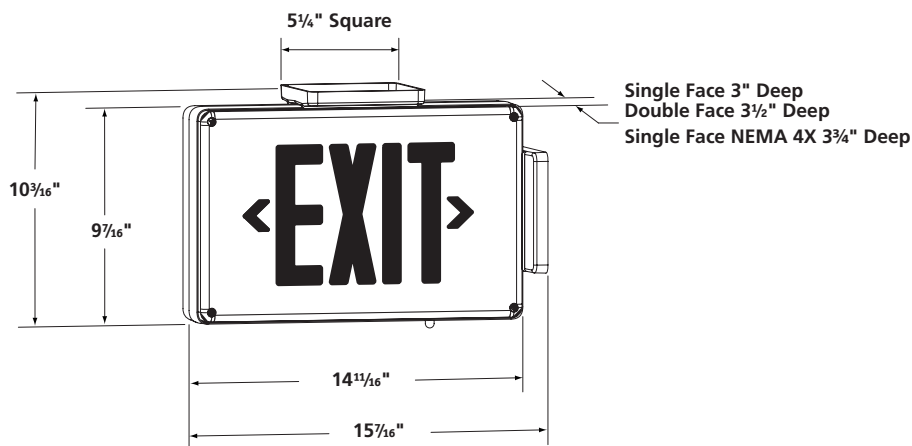
- Transformer isolation, surge, transient, and low voltage disconnect protection
- Pre-stripped pigtail leads with push in wiring connectors
- 90 minute emergency operation
- Reverse polarity, short circuit and AC lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light

POWER CONSUMPTION

MODEL	120VAC	277VAC
Red AC Only	2.6W	2.6W
Green AC Only	2.1W	2.1W
Red Emergency	8.7W	8.4W
Green Emergency	8.3W	8.1W

Wattage figures include LED lamps, transformers, heaters with emergency models and electronics power requirements. LED lamp assemblies (red or green) consume less than 1 watt.

Power factor, average: .95 (lagging)



Not Available in Canada

FREEDOM LED

Aluminum LED Exit Sign

FEATURES

- Formed aluminum exit sign for light industrial or commercial applications
- Vinyl clad aluminum housing with polycarbonate shield and matching canopy
- Universal end/ceiling/wall mount in multiple finishes
- User selectable constant on or flashing illumination in emergency mode
- Energy saving, long-life LED lamps exceed brightness and uniformity requirements
- Snap out chevron arrows; 6" letters with 3/4" stroke (non-diffused)
- Maintenance-free, lead-acid battery with fully automatic charger
- Temperature range: 10°C to 40°C (50°F to 104°F)
- UL 924 Damp Location Listed



EXIT SIGNS

ORDERING INFORMATION

LED					-	
MODEL	FACES	OPERATION	LETTER COLOR	FINISH	OPTIONS	
	1 Single 2 Double	AC AC Only EM Emergency	R Red G Green	WW White WA White with Brushed Aluminum Face B Black BA Black with Brushed Aluminum Face TT Brass ZZ Antique Brass	FAP Fire alarm panel interface ^{2,3} DC Remote DC operation ^{2,4,5} TR Tamper resistant screws BPR Beeper module ^{1,3}	

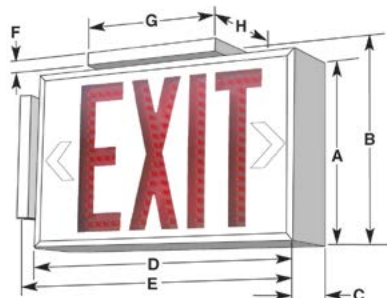
¹For use with emergency models only.
²Operates with 24-volt AC or DC fire alarm panels.
³-BPR and -FAP options may not be specified together.

ACCESSORIES

MODEL	DESCRIPTION
VRS3	Vandal resistant shield
WGTCE	Wire guard (Ceiling/End mount)
WGTW	Wire guard (Wall mount)

DISCHARGE TIMES

MODE	SINGLE FACE	DOUBLE FACE
Flashing	12 Hours	8 Hours
Constant On	6 Hours	4 Hours



A	B	C	D	E	F	G	H
7 1/2"	8.0"	3 1/8"	12 1/8"	12 5/8"	1/2"	6.0"	4 1/4"
19 cm	20 cm	7.9 cm	30.8 cm	32.1 cm	1.3 cm	15.2 cm	10.8 cm

ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- Pre-stripped pigtail leads
- Up to 12 hours of emergency operation
- Reverse polarity, short circuit and AC lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light

POWER CONSUMPTION

MODEL	SINGLE FACE MODELS		DOUBLE FACE MODELS	
	120VAC	277VAC	120VAC	277VAC
Red AC Only	4.5W	4.5W	6.8W	6.8W
Green AC Only	4.7W	4.7W	6.7W	6.7W
Red Emergency	5.0W	5.0W	7.3W	7.3W
Green Emergency	5.0W	5.0W	7.7W	7.7W

Power factor, average: .8 (lagging)

Wattage figures include LED lamps, transformers and electronics power requirements.

Not Available in Canada



Side Mount Designer Combination LED Unit



FEATURES

- Side mounted combo unit for commercial applications
- Optional LED based MR-16 lamps available for increased coverage and remote capacity
- High-impact, 5VA flame rated, UV stabilized, white thermoplastic housing
- Universal end/ceiling/wall mount and included canopy
- Fully adjustable, high output, MR16 halogen lamp heads
- Energy saving, long-life LED lamps exceed brightness and uniformity requirements
- Snap-in chevron arrows; 6" letters with 3/4" stroke
- Remote capacity with or without lamp heads
- Maintenance-free lead-acid battery with fully automatic charger
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 Listed

ORDERING INFORMATION

HCX	U			-	
MODEL	FACES	LETTER COLOR	FINISH	OPTIONS	
	U Universal Single/Double Face	R Red G Green	W White B Black	Blank	5W Halogen lamps
				03L	3W LED lamps
				RC12	12W Remote Capacity (includes lighting heads) ^{1,2}
				0-RC12	23W Remote Capacity (no lighting heads). Available in white only. ^{1,2}

¹RC12 and -0-RC12 options can be specified with the -03L option. Example HCXURW-0-RC12-03L

²No lamp-head option only available with remote capacity model

ACCESSORIES

MODEL	DESCRIPTION
WGTW	Wire guard (wall or ceiling mount)

MATCHING REMOTE HEADS

MATCHING 5W INDOOR REMOTE HEADS	
CPRSW0605	Single, White
CPRDW0605	Double, White
CPRSB0605	Single, Black
CPRDB0605	Double, Black
MATCHING 5W OUTDOOR REMOTE HEADS	
OCRSW0605	Single, White
OCRDW0605	Double, White
OCRSB0605	Single, Black
OCRDB0605	Double, Black
OCRSZ0605	Single, Dark Bronze
OCRDZ0605	Double, Dark Bronze

POWER CONSUMPTION

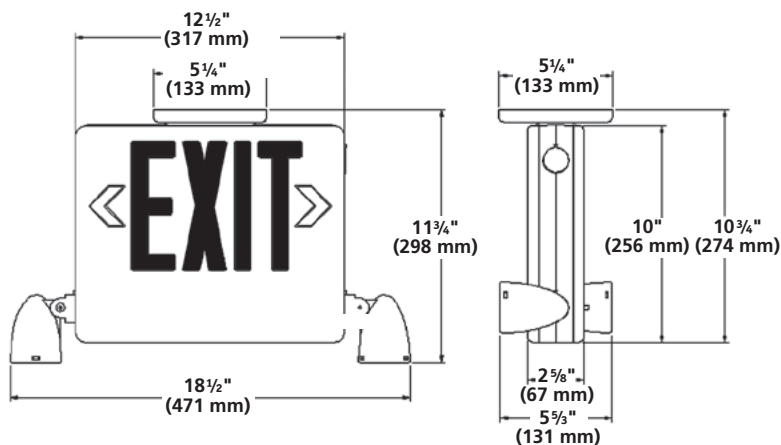
VOLTAGE	120VAC	277VAC
Red, Green	4.5W	4.5W

Power factor, average: .80 (lagging)

Wattage figures include LED lamps, transformers and electronics power requirements.

ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- Pre-stripped pigtail leads
- 90 minute emergency operation
- Reverse polarity, short circuit and AC lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light



Wet Location/NEMA 4X Thermoplastic Exit Sign

FEATURES

- Exit sign for wall mounting in harsh applications or industrial environments
- High-impact, corrosion resistant, gasketed, polycarbonate housing with polyamide screws
- Neutral grey, water and dust tight, vented enclosure
- Energy saving, long-life LED lamps exceed brightness and uniformity requirements
- Snap-in chevron arrows; 6" letters with 3/4" stroke
- Maintenance-free nickel-cadmium battery with fully automatic charger
- Temperature range: 0°C to 40°C (32°F to 104°F), EM: 10°C to 40°C (50°F to 104°F)
- UL 924 Wet Location Listed/UL type 50 4X rated



EXIT SIGNS

ORDERING INFORMATION

LN4X					
MODEL	LETTER COLOR	FACE COLOR	OPERATION	SELF-DIAGNOSTIC	OPTIONS
	R Red G Green	W White	Blank AC Only E Emergency	Blank None I Spectron self-testing/ self-diagnostic electronics*	See "Options" section

*For use with emergency models only.

ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- Pre-stripped pigtail leads with push in wiring connectors
- 120 minute emergency operation
- Reverse polarity, short circuit and AC lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light

OPTIONS

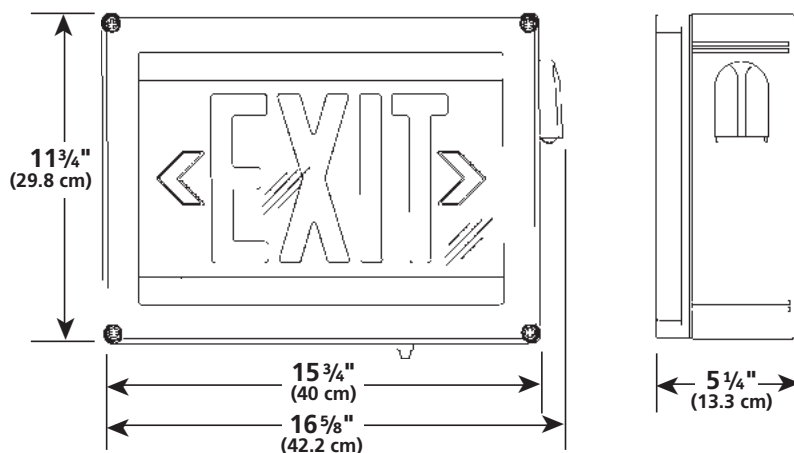
MODEL	DESCRIPTION
2C	2-circuit operation ⁽²⁾⁽⁵⁾
FAP	Fire alarm panel interface ⁽³⁾⁽⁵⁾⁽⁶⁾
FM	Flasher module ⁽¹⁾⁽⁶⁾
DC	Remote DC operation ⁽²⁾⁽⁴⁾⁽⁵⁾
TR	Tamper-proof cover screws (includes tool)

- (1) For use with emergency models only.
 (2) For use with AC models only.
 (3) Operates with 24-volt AC or DC fire alarm panels.
 (4) For emergency illumination of sign from remote 6-24 VDC power sources.
 (5) DC option may not be specified with 2C or FAP options.
 (6) FM and FAP options may not be specified together.

POWER CONSUMPTION

MODEL	120VAC	277VAC
Red AC Only	2.6W	2.6W
Green AC Only	2.1W	2.1W
Red Emergency	3.8W	3.8W
Green Emergency	3.5W	3.5W

Power factor, average: .8 (lagging)
 Wattage figures include LED lamps, transformers and electronics power requirements.



Not Available in Canada



Top Mounted Designer Combination Unit/LED Exit Sign



FEATURES

- Combo unit for designer commercial applications
- UV stable thermoplastic housing
- Long life LED lamps in exit sign rated at 50,000 hour life expectancy
- High output halogen lamps in eyeball style unit
- Universal ceiling or wall mount
- Maintenance-free Lead-Calcium battery with fully automatic charger
- Snap-in chevron arrows, 6" letters with 3/4" stroke
- Temperature range: 20°C to 30°C (68°F to 86°F) damp: 10°C to 40°C (50°F to 104°F)
- UL 924 Listed (optional damp location listing)
- U.S. Patent Nos. D406,279, D400,991, 6,280,042 and 6,019,477

ORDERING INFORMATION

MODEL	FACES	LETTER COLOR	FINISH	SELF-DIAGNOSTIC	OPTIONS
LT	U Universal Single/Double Face	R Red G Green	W White B Black	Blank None I Spectron self-testing/self-diagnostic electronics ¹	Blank 5W Halogen lamps 03L 3W LED Lamp ⁶ O Unit supplied without lighting heads ² FAP Fire alarm panel interface ^{3, 4, 7} FM Flasher Module ^{4, 7} AF Audible/Flasher module ^{4, 7} 24K 220-240VAC, 60Hz SA "SALIDA" stencil face

¹ Available only with remote capacity and damp location models.

² Available with remote capacity (LTUXXX3) models without Spectron only

³ Operates with 24-volt AC or DC fire alarm panels

⁴ FAP, FM or AF options may not be specified together

⁵ Not available with -03L(LED) option

⁶ Not available with Spectron Self-Diagnostics

⁷ Only available with Spectron Self-Diagnostics

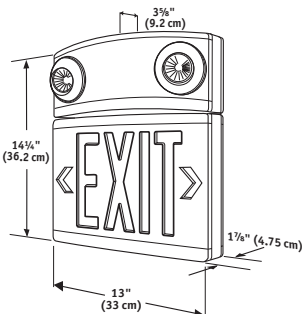
SPECIFICATIONS

Damp Location Models

BASE CATALOG NUMBER	OUTPUT VOLTS	BATTERY TYPE	ELECTRICAL		STANDARD LAMP	REMOTE CAPABILITY
			1.5 HOURS	2 HOURS		
LTUGWD	6	Lead-Calcium	10	--	5W Hal.	No
LTUGBD	6	Lead-Calcium	10	--	5W Hal.	No
LTURWD	6	Lead-Calcium	10	--	5W Hal.	No
LTURBD	6	Lead-Calcium	10	--	5W Hal.	No

ACCESSORIES

MODEL	DESCRIPTION
WGTW	Wireguard (wall mount)
WGTC	Wireguard (ceiling or end mount)
FTSMKW	Side mount field kit (white)
FTSMKB	Side mount field kit (black)
PMLZTW	12 1/2" Pendant mounting kit (white)
PMLZTB	12 1/2" Pendant mounting kit (black)



POWER CONSUMPTION

MODEL	120VAC	277VAC
Red Emergency Models	5.0W	5.0W
Green Emergency Models	5.0W	5.0W

Power factor, average: .90 (lagging) Wattage figures include LED lamps, transformers and electronics power requirements.

Standard Models

BASE CATALOG NUMBER	OUTPUT VOLTS	BATTERY TYPE	ELECTRICAL		STANDARD LAMP	REMOTE CAPABILITY
			1.5 HOURS	2 HOURS		
LTURW	6	Lead-Calcium	10	--	5W Hal.	No
LTURB	6	Lead-Calcium	10	--	5W Hal.	No
LTUGW	6	Lead-Calcium	10	--	5W Hal.	No
LTUGB	6	Lead-Calcium	10	--	5W Hal.	No
LTURW3	6	Lead-Calcium	15	--	5W Hal.	Yes
LTURB3	6	Lead-Calcium	15	--	5W Hal.	Yes
LTUGW3	6	Lead-Calcium	15	--	5W Hal.	Yes
LTUGB3	6	Lead-Calcium	15	--	5W Hal.	Yes
LTURW-3L	6	Lead-Calcium	10	--	3W LED	--
LTURW3-03L	6	Lead-Calcium	15	--	3W LED	Yes
LTURW3I-03L	6	Lead-Calcium	15	--	3W LED	Yes

MATCHING INDOOR REMOTE FIXTURES

WHITE SINGLE	BLACK SINGLE	VOLTS	WATTS
LZRSW0605	LZRSB0605	6	5

For other indoor or outdoor remote fixture styles, see the "Remote Heads and Fixtures" section on page xx.

ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- 120 minute emergency operation; damp and remote capacity models are 90 minute
- Reverse polarity, short circuit and AC lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light

Designer LED Exit Sign

FEATURES

- Exit sign for designer commercial applications
- UV stabilized thermoplastic housing
- Long life LED lamps provide bright, even illumination
- Universal end, ceiling or wall mount
- Maintenance-free Nickel-Cadmium battery with fully automatic charger
- Snap-in chevron arrows; 6" letters with 3/4" stroke
- Temperature range: 10°C to 40°C (50°F to 104°F)
- UL 924 Damp Location Listed
- U.S. Patent No. D402,316 and D406,863



ORDERING INFORMATION

MODEL	FACES	FINISH	OPERATION	SELF-DIAGNOSTIC	OPTIONS
LX	U Universal Single/Double Face	W White B Black	Blank AC Only E Emergency	Blank None I Spectron self-testing/self-diagnostic electronics*	2C 2-circuit operation ^{2,5} FAP Fire alarm panel interface ^{1,3,5,6} FM Flasher Module ^{1,6} AF Audible/Flasher module ^{1,6} DC Remote DC operation ^{2,4,5} 24K 220-240VAC, 60Hz

¹For use with Spectron® self-diagnostic models only.

²For use with AC models only.

³Operates with 24-volt AC or DC fire alarm panels.

⁴For emergency illumination of sign from remote 6-24 VDC power sources.

⁵DC option may not be specified with 2C or FAP options.

⁶AF, FM and FAP options may not be specified together.

*For use with emergency models only.

POWER CONSUMPTION

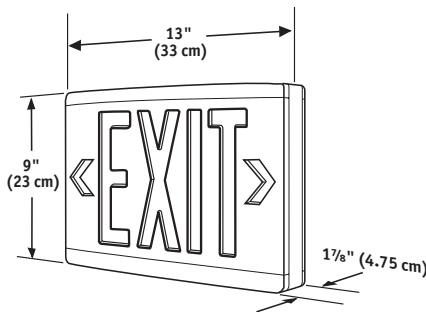
MODEL	120VAC	277VAC
Red AC only	2.6W	2.6W
Green AC only	2.1W	2.1W
Red Emergency	3.8W	3.8W
Green Emergency	3.5W	3.5W

Power factor, average: .80 (lagging)

Wattage figures include LED lamps, transformers and electronics power requirements.

ACCESSORIES

MODEL	DESCRIPTION
FCM-R	Emergency operation conversion module (red)
FCM-G	Emergency operation conversion module (green)
PMLXW	12½" Pendant mounting kit (white)
PMLXB	12½" Pendant mounting kit (black)
WGLX	Wire Guard (wall mount)
WGLXC	Wire Guard (ceiling mount)
WGLXE	Wire Guard (end mount)
VRS3	Vandal resistant shield



ELECTRONICS

- Transformer isolation, surge, transient, and low voltage disconnect protection
- Pre-stripped pigtail leads with push in wiring connectors
- 120 minute emergency operation
- Reverse polarity, short circuit and AC lockout protection
- 120/277VAC 60Hz operation, test switch and LED AC-On indicator light

Not Available in Canada



Chicago LED Steel Exit Sign



FEATURES

- EXIT or STAIRS glass diffuser
- Long-lasting white LED's
- 20-gauge steel enclosure in white finish
- Nickel Cadmium battery for emergency models
- 6" Red letters with directional arrow
- LED life rated at 10 years
- Universal 120/277 VAC operation
- Temperature Range: 0°C to 50°C (32°F to 122°F)
- UL Listed, City of Chicago Approved

ORDERING INFORMATION

CLS

MODEL

FACES

S Single Face

D Double Face

OPERATION

Blank AC Only

E Emergency

PANEL CODE

Single Face Models

Double Face Models

3 "EXIT" (no arrows)

6 "EXIT" (right arrow)

9 "EXIT" (left arrow)

12 "EXIT" (double arrows)

2 "STAIRS" (no arrows)

5 "STAIRS" (right arrow)

8 "STAIRS" (left arrow)

11 "STAIRS" (double arrows)

18 "EXIT" (no arrows)

21 "EXIT" (right/left arrows)

24 "EXIT" (double arrows)

17 "STAIRS" (no arrows)

20 "STAIRS" (right/left arrows)

23 "STAIRS" (double arrows)

Note: The CLS can be ordered fully configured as above, or by stocked model below.

Note: The CLS can be ordered fully configured as above, or by stocked model below.

STOCKED MODEL OPTIONS

Catalog	Descriptions
CLSS3	Steel LED EXIT, AC Only, Includes No Arrow Panel(CP3-ENA)
CLSE3	Steel LED EXIT, Emergency, Includes No Arrow Panel(CP3-ENA)
CLSS-NPE	Steel LED EXIT, AC Only, No Panel Included
CLSE-NPE	Steel LED EXIT, Emergency, No Panel Included

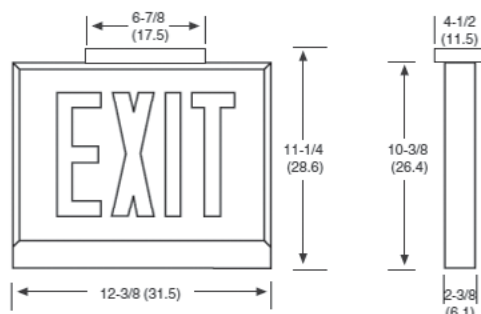
STOCKED PANEL OPTIONS

Catalog	Descriptions
CP3-ENA	Exit No Arrow
CP12-EDA	Exit Double Arrow
CP6-ERA	ExitRight Arrow
CP9-ELA	Exit Left Arrow
CP2-SNA	Stairs No Arrow
CP11-SDA	Stairs Double Arrow
CP5-SRA	Stairs Right Arrow
CP8-SLA	Stairs Left Arrow

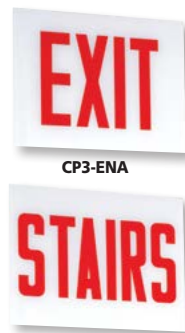
Notes:

1. Order the -NPE for **single or double-face** and select the required panels separately.
2. When ordering double-face with -NPE, ensure 2 panels are selected.
3. For -NPE option in double-face with directional arrow, ensure a left and right arrow is selected.

Example: Order CLSS-NPE with CP6-ERA and CP9-ERA to make a double-face with both arrows pointing in one direction.



CLSS3



CP3-ENA

CP2-SNA



ACCESSORIES

MODEL	DESCRIPTION
WG-MLT	Wire Guard (Wall Mount)
WGTW	Wire Guard
WGTCE	Wire Guard (Ceiling /End Mount)



Not Available in Canada

FEATURES

- Chicago Approved combination exit/emergency light
- Includes 2 each 5.3W adjustable white LED lamp-heads
- Housing made of durable 20 gauge steel with glass panels
- Wall, Ceiling or End mount
- Available with 6" tall, 3/4" stroke STAIRS or EXIT red lettered panels in single or double-face
- Chicago compliant 120 minute run-time
- Temperature Range: Standard: 20°C to 50°C
- UL924 Damp Location Listed



EXIT SIGNS

ORDERING INFORMATION

CLSC

MODEL

OF FACES

S Single
D Double

LETTER COLOR

R Red

HOUSING COLOR

W White

OPTIONS

RC Remote Capacity
Blank No Remote Capacity

PANEL CODE

Single Face Models

3 "EXIT" (no arrows)
6 "EXIT" (right arrow)
9 "EXIT" (left arrow)
12 "EXIT" (double arrow)

2 "STAIRS" (no arrows)
5 "STAIRS" (right arrow)
8 "STAIRS" (left arrow)
11 "STAIRS" (double arrow)

Double Face Models

18 "EXIT" (no arrows)
21 "EXIT" (right / left arrow)
24 "EXIT" (double arrow)
17 "STAIRS" (no arrows)
20 "STAIRS" (right / left arrow)
23 "STAIRS" (double arrow)

Note: The CLSC can be ordered fully configured as above, or by stocked model below.

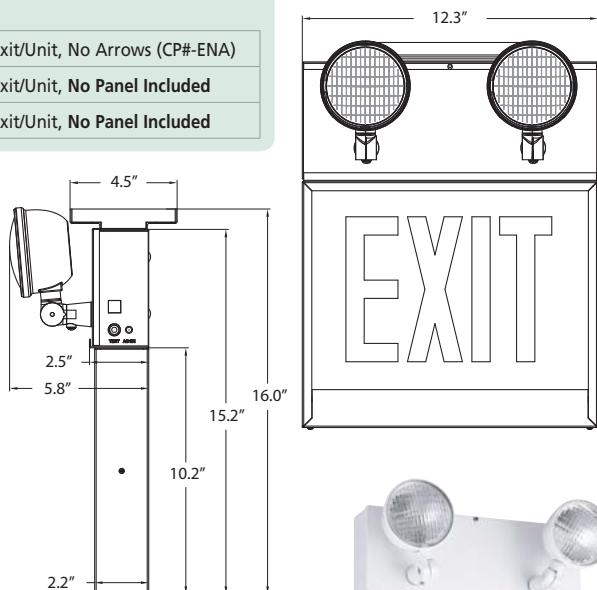
STOCKED MODEL OPTIONS

CLSCSRW-3	Steel Combination Exit/Unit, No Arrows (CP#-ENA)
CLSCSRW-NP	Steel Combination Exit/Unit, No Panel Included
CLSCSRW-NPRC	Steel Combination Exit/Unit, No Panel Included

STOCKED PANEL OPTIONS

Catalog	Descriptions
CP3-ENA	Exit No Arrow
CP12-EDA	Exit Double Arrow
CP6-ERA	ExitRight Arrow
CP9-ELA	Exit Left Arrow
CP2-SNA	Stairs No Arrow
CP11-SDA	Stairs Double Arrow
CP5-SRA	Stairs Right Arrow
CP8-SLA	Stairs Left Arrow

DIMENSIONS



CLSCSRW-NP



CP2-SNA



CP3-ENA

Notes:

1. Order the -NP or -NPRC option for **single or double-face** and select the required panels separately.
2. When ordering double-face with -NP or -NPRC, ensure 2 panels are selected.
3. For -NP or -NPRC option in double-face with directional arrow, ensure a left and right arrow is selected.

Example: Order CLSCSRW-NP with CP6-ERA and CP9-ERA to make a double-face with both arrows pointing in one direction.

Chicago Edge-Lit Exit Sign



FEATURES

- Edge-Lit Exit Sign for commercial applications
- 20 guage steel with satin aluminum or white finish
- Long-life LED lamps provide bright and even illumination
- Dual 120/277VAC input
- Includes long-life 4.8VDC Nickel Cadmium battery
- Surface or Recessed models with STAIRS or EXIT
- AC-on and test switch
- Approved for use in the City of Chicago

ORDERING INFORMATION

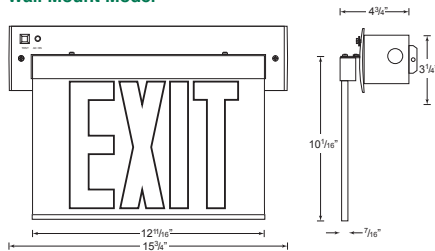
CCEL		S				
MODEL	MOUNTING TYPE	FACES	OPERATION	FINISH COLOR	PANEL CODE	
	S Surface R Recessed Ceiling W Recessed Wall	S Single	A AC Only E Emergency	A Aluminum W White	Single Face Models 3 "EXIT" (no arrows) 6 "EXIT" (right arrow) 9 "EXIT" (left arrow) 12 "EXIT" (double arrow) 2 "STAIRS" (no arrows) 5 "STAIRS" (right arrow) 8 "STAIRS" (left arrow) 11 "STAIRS" (double arrow) Double Face Models 18 "EXIT" (no arrows) 21 "EXIT" (right / left arrow) 24 "EXIT" (double arrow) 17 "STAIRS" (no arrows) 20 "STAIRS" (right / left arrow) 23 "STAIRS" (double arrow)	

ELECTRONICS

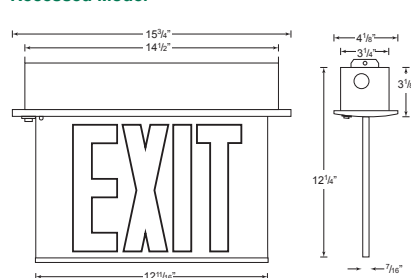
- Fully automatic two-stage charger
- Dual 120/277VAC input
- Battery re-charge within 24 hours
- AC-on and test switch

DIMENSIONS

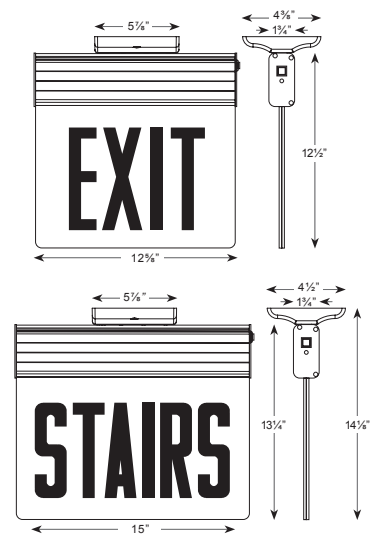
Wall Mount Model



Recessed Model



Surface Mount Model





High Performance LED Remote



FEATURES

- High performance LED remote designed for indoor/outdoor applications
- Sturdy , ADA compliant, vandal resistant, die-cast aluminum construction
- Four long-life, high-output 4000K LEDs configured in redundant pairs
- Design optimized for wide area illumination pattern with no heads to aim
- 90-minute emergency operation from external 6-12V DC source
- U.S. Patent No. 0627,916

ORDERING INFORMATION

PGR

MODEL

FINISH

- W** White
- B** Black
- Z** Dark Bronze
- P** Platinum Silver

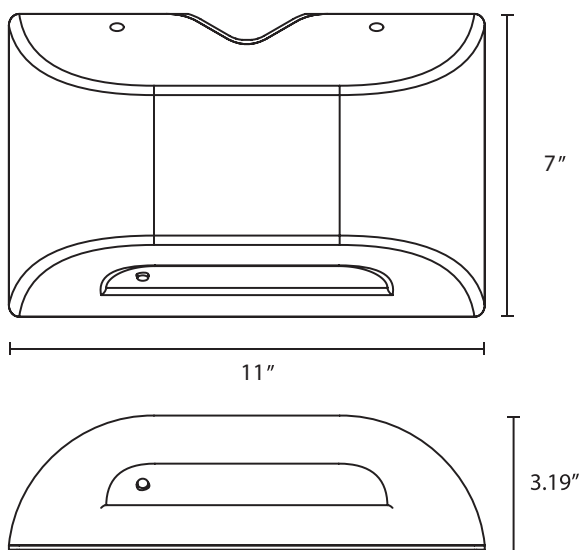
NOTE: Remote only works with PG family

INPUT POWER REQUIREMENTS

- 12 watts at 6vDC, 13 watts at 12vDC

SPECIFIC LED INFORMATION

- Lamp Color: Neutral White, 4000K
- Color Rendering Index (CRI): 75
- Total Lamp Output: 445 Lumens min. Initial
- LED Lamplife: 48,000 hrs. at 70% of Initial





Central Lighting Micro Inverters

MICRO INVERTER



FEATURES

- AC output provides full lumen output for emergency lighting loads in commercial or industrial applications
- Compatible with incandescent, LED, compact and linear fluorescent lamps
- White painted steel enclosure
- Offline operation for greater efficiency
- Maintenance-free Lead-Calcium or Nickel-Cadmium batteries
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 Listed
- UL 2043 (Plenum Air Handling Spaces) for T-Grid Models

ORDERING INFORMATION

MODEL	CAPACITY	MOUNTING
LPS		
20	20 VA/W ¹	S Surface Wall
32	32 VA/W ²	R Recessed Wall
35	35 VA/W ¹	T Recessed Ceiling T-Grid
55	55 VA/W ²	

¹ Nickel-Cadmium battery type
² Lead Calcium battery type

SPECIFICATIONS

	INPUT/ OUTPUT VOLT	MAX INPUT (A)	WEIGHT WITH BATTERIES	POWER RATING (VA/W)	TEMP. RANGE	SYSTEM DC VOLTAGE	RECHARGE TIME (HR)
LPS32	120V	0.34	14lbs.	32	20°C -30°C	12	96
	277V	0.15					
LPS55	120V	0.54	18lbs.	55			
	277V	0.23					
LPS20	120V	0.25	11lbs.	20			
	277V	0.11					
LPS35	120V	0.37	12lbs.	35			
	277V	0.16					

ELECTRONICS

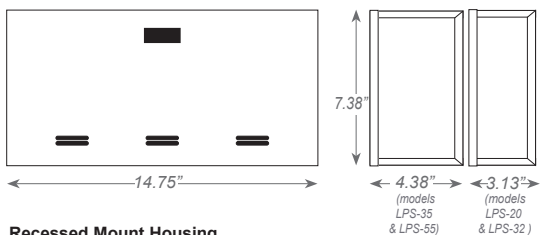
- Operates with normally-on, normally-off and switched loads
- AC lockout and Low Voltage Battery disconnect
- Brownout Protection: Automatically transfers to emergency power
- Overload and Short Circuit Protection: Protects AC and DC
- Charger Type: Temperature compensated, dual-mode
- LED status indicator and push button test switch
- Load can be up to 1000 feet away

ACCESSORIES

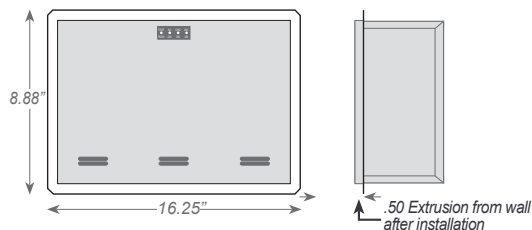
ORDER SEPARATELY

RTSLP Remote Test Switch for LPS

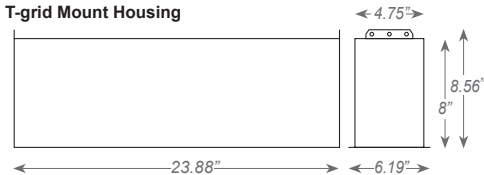
Surface Mount Housing



Recessed Mount Housing



Ceiling T-grid Mount Housing



Not Available in Canada

Single-Phase Central Lighting Inverter 125 - 250 VA

FEATURES

- AC output provides full lumen output for emergency lighting loads in commercial or industrial applications
- Compatible with incandescent, LED, compact and linear fluorescent lamps
- Pure sine wave output on 125VA/110W and 250VA/220W versions
- UL Plenum rating on recessed T-Grid ceiling model
- White painted steel enclosure
- Offline operation for greater efficiency
- Maintenance-free lead-calcium batteries
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 compliant


LG250S

INVERTERS

ORDERING INFORMATION

LG			
MODEL	CAPACITY	MOUNTING	SELF DIAGNOSTICS
125	125 VA/110W	S Surface Wall	Blank None
250	250 VA/220W ⁴	R Recessed Wall ¹	I Spectron® Self-testing Diagnostics ²
2	250 VA/W ^{3,5}	T Recessed Ceiling T-Grid ¹	

¹Only available on 125 VA/110W version

²Only available on 250 VA/W version w/ square wave output (LG2SI)

³Only available w/ square wave output and Spectron® Self-Test/Diagnostics (LG2SI)

⁴Housing (93068300) and batteries (93068259) ship in separate cartons

⁵Housing (93030104) and batteries (0120935) ship in separate cartons


LG125T

LG125S
LG125R


SPECIFICATIONS

BASE CATALOG NUMBER	POWER RATING (VA/W)	POWER FACTOR RANGE	FORM AND FIT	WEIGHT (LB) WITH BATTERIES	MAXIMUM INPUT CURRENT (A)	SYSTEM DC VOLTAGE	RECHARGE TIME (HR)
LG125S	125/110	0.44 lead to 0.44 lag	Wall Mount Surface	42	120 VAC: 1.2 A 277 VAC: 0.52 A	24	96
LG125R			Wall Mount Recessed	42			
LG125T			Ceiling Mount Recessed T-grid	43			
LG250S	250/220	0.8 lead to 0.7 lag	Wall Mount Surface	60	120 VAC: 2.4 A 277 VAC: 1.1 A	48	96
LG2SI	250			78		24	72

ELECTRONICS

- Interruptible design; automatically transfers in 2 seconds or less
- Load can be up to 1,000 feet away
- Temperature compensated battery charger
- Operates with normally-on, normally-off and switched loads
- LVD, AC lockout, short circuit, current limiting, overload and brownout protection
- LED status indicator and push button test switch

ACCESSORIES

MODEL	DESCRIPTION
RTSLG	Remote Test Switch for LG2SI
RTSLP	Remote Test Switch for LG125 and LG250S

Not Available in Canada



Single-Phase Central Lighting Inverter

INVERTERS



FEATURES

- AC output provides full lumen output for emergency lighting loads in commercial or industrial applications
- Compatible with any lighting load including incandescent, fluorescent, HID and LED lamps
- Painted steel enclosure
- Offline operation up to 98% efficient
- Maintenance-free lead-calcium batteries
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL 924 Listed; Made in USA

ORDERING INFORMATION

MODEL	INPUT/OUTPUT VOLTAGE	CAPACITY RATING ¹	OUTPUT CIRCUIT BREAKER TYPE	OUTPUT CIRCUIT BREAKER VOLTAGE RATING	OUTPUT CIRCUIT BREAKER AMPERE RATING	OUTPUT CIRCUIT BREAKER QUANTITY	OUTPUT CIRCUIT BREAKER SUPERVISION
DLS	120 120VAC 277 277VAC	400 400 VA/Watts 525 525 VA/Watts 750 750 VA/Watts 1000 1000 VA/Watts 1500 1500 VA/Watts 2100 2100 VA/Watts	Blank Normally-On N Normally-Off ²	A 120VAC B 277VAC	15 15 Amperes 20 20 Amperes 25 25 Amperes 30 30 Amperes	01 1 circuit breaker 02 2 circuit breakers 03 3 circuit breakers 04 4 circuit breakers 05 5 circuit breakers 06 6 circuit breakers 07 7 circuit breakers 08 8 circuit breakers 09 9 circuit breakers 10 10 circuit breakers	Blank Monitored U Unmonitored ³

¹Output Circuit Breakers:
 • 400 VA and 525 VA models are supplied with one, 15 amp normally on circuit breaker
 • 750 VA through 2100 VA models: output circuit breakers are optional

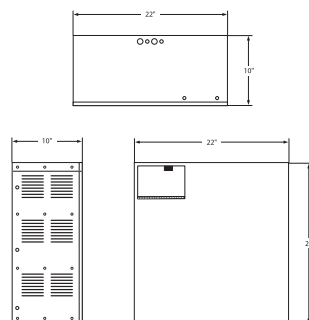
²A maximum of 4, normally-off circuit breakers may be specified. Maximum rating of normally-off circuit breakers is 20 amperes. Normally-off circuit breakers include a built-in, 15-minute retransfer delay to accommodate HID lighting loads

³A maximum of 6 monitored or 10 unmonitored normally on circuit breakers may be specified

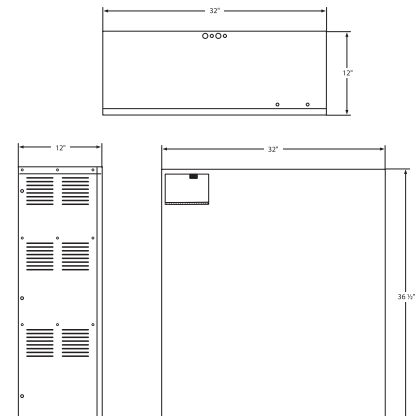
ELECTRONICS

- Uninterruptible “no break” transfer
- Microprocessor controlled pulse width modulation (PWM) using IGBT technology
- LVD, short-circuit, current limiting and overload protection
- True sine wave output
- Power factor range of 0.8 lead to 0.75 lag
- LED status indicator, audible alarm system and push button test switch

400VA to 525VA Models
(may be wall mounted)



750VA to 2100VA Models
(floor mount only)



Not Available in Canada



UFO-LED

LED Battery Pack



FEATURES

- Battery pack with 120/277 VAC 60Hz inverter output
- Sealed nickel-cadmium battery
- Can be used with switched or unswitched luminaires
- Installation may be within, or remote from the luminaire
- Indoor installation for indoor or outdoor luminaires
- 120/277 VAC 60 Hz input operation
- Remote test switch with AC-On indicator light
- Temperature range: 0°C to 45°C (32°F to 113°F); 20VA/W only for 45°-50°C (113°-122°F)
- UL 924 Damp Location Listed

ORDERING INFORMATION

UFO-LED

MODEL

25

CAPACITY

25 VA/W

ACCESSORIES

MODEL	DESCRIPTION
SPRTS	Remote test switch /charge indicator module ^{1,2}

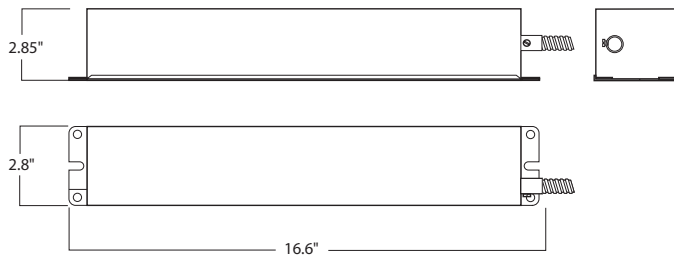
¹Fits single-gang box

²Comes standard; additional may be ordered

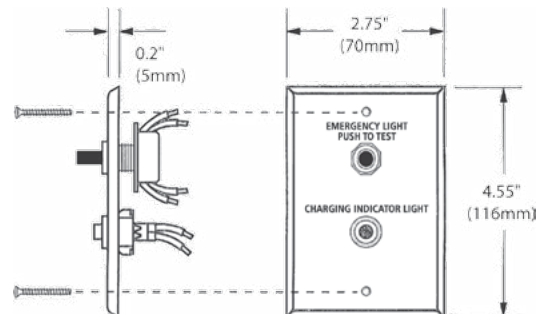
SPECIFICATIONS

CATALOG NUMBER	INPUT WATTAGE	MAX. LOAD VA/W (UNITY PF)	LAMP TYPE
UFO-LED25	9.5	25	LED

UFO-LED25



SPRTS (INCLUDED REMOTE TEST SWITCH WITH CHARGING INDICATOR)



Not Available in Canada

