



BEACON™ EXT

Hazardous Area Emergency Light & Exit Sign Combo

This hazardous location combination unit includes a 6-inch EXIT lettering legend, available in red or green, and a choice with alternative wings left, right or left and right. Two fully adjustable LED lighting heads providing up to 2400 lumens each.

Compliance

NEC/CEC Standard

UL 844 Hazardous Locations

Class I Division 2, Groups A, B, C, D

Class I, Zone 2, Group IIC

Simultaneous Presence

CSA C22.2 No.137

CSA C22.2 NO. 141

UL924

Design Features

- Combo design both for exit sign and emergency light
- Fully adjustable head lamps provide different beam directions. 64mm thickness reduces installation space, perfect for mounting in confined or narrow areas.
- Replaceable exit legend. 6 legend options: red, green, exit Left, right or left and right simple field modification.
- Copper-free aluminum housing and impact resistant lens sealed from the outside environment provides ingress protection against water and dust.

Additional Features

- Universal Voltage: AC100-277V (50/60Hz)
- Emergency lighting up to 160lm/W, 2400lm output
- 10kV surge protector is standard, 20kV is optional
- Ambient temperatures 0°C to +50°C standard
- Optional low ambient temperature -35°C for EXT-01-U, -20°C for EXT-02-U

Standard Materials

- Lamp housing, head lamp - die cast copper-free aluminum
- Finish - baked Powder epoxy/polyester
- Exit sign Lens & head lamp lens - impact resistant glass
- Gaskets - high temperature resistant silicone
- Emergency battery - LiFePO4
- Hardware - stainless steel

Technical Data

Electric

Max. Input power	8W
Input power (full charge)	4~5W
Rated voltage	100-277V/AC
Input Frequency	50/60Hz
Battery	LiFePO4
Recharging time	24 hours

Exit sign

Output Power	4W
Lettering	"EXIT" legend, red, green, Running men and arrow up, down left ,right
Lens Material	Glass
Viewing distance	>12m
Rated autonomy	> 90 minutes

Head Lamps

Output Power	4W / 8W / 10W / 15W
Luminous Efficacy	160 lm/W
Lumen Output	640lm~2400lm
Rated autonomy	> 90 minutes
Lens Material	Glass
Beam Angle	155°
Color Temperature	5000K
CRI	Ra>70

Environmental & Technical

Ambient Temperature	0°C ~ +50°C (Standard) -35°C ~ +50°C (Exit sign options) -20°C ~ +50°C (Combo options)
Mounting	Wall / Ceiling / Pendant
Cable entry	3/4"NPT
Dimensions (L x W x H)	237 x 367 x 64 mm 432 x 367 x 64 mm
Weight	4.5kg / 6kg

Warranty

Lumen Maintenance 150,000hours @L70

5-year limited system warranty.

(5 years for luminaire, 2 year for emergency battery)

Ordering Information and Mounting Accessories

Exit sign Only (ES)

EXT	01	U	ES	3	1	FLM	GR	XXX
Model	Output Power	Voltage	Light Type	Ex. Level	Lettering	Mount Style	Color	Accessories
EXT	01 - 4W	U - AC100~277V	ES - Exit sign 	3 - C1D2	1 -  2 -  3 -  4 -  5 -  6 - 	FLM - Wall Mount CM - Ceiling Mount CJB - Ceiling Junction Box (3/4"NPT) PD - Pendant Mount (3/4"NPT)	GR - Gray	CW1 - Ambient temp. (-35~50°C) SP10U - Surge protector 10KV (100-277V) Standard SP20U - Surge protector 20KV (100-277V)

Exit sign & Emergency Lighting Combo (ESL)

EXT	01	U	ESL	3	64	1	FLM	GR	XXX
Model	Output Power	Voltage	Light Type	Ex. Level	Lumen output	Lettering	Mount Style	Color	Accessories
EXT	02 - 8W 03 - 15W	U - AC100~277V	ESL - Exit sign & lamp head combo 	3 - C1D2	64 - 640lm (4W) 160 - 1600lm (10W)	1 -  2 -  3 -  4 -  5 -  6 - 	FLM - Wall Mount	GR - Gray	CW2 ¹ - Ambient temp. (-20~50°C) SP10U - Surge protector 10KV (100-277V) Standard SP20U - Surge protector 20KV (100-277V)

¹ Not suitable for EXT-03-U

Emergency Lighting Only (EL)

EXT	02	U	EL	3	128	FLM	GR	XXX
Model	Output Power	Voltage	Light Type	Ex. Level	Lumen Output	Mount Style	Color	Accessories
EXT	02 - 8W 03 - 15W	U - AC100~277V	EL - Emergency lamp head only 	3 - C1D2	128 - 1280lm (8W) 240 - 2400lm (15W)	FLM - Wall Mount	GR - Gray	CW2 ² - Ambient temp. (-20~50°C) SP10U - Surge protector 10KV (100-277V) Standard SP20U - Surge protector 20KV (100-277V)

² Not suitable for EXT-03-U

Mounting Options



FLM
Wall mount



CM
Ceiling mount



CJB
Ceiling Junction Box
(3/4" NPT)



PD
Pendant mount
(3/4" NPT)

Max. Mounting Height	
EXT-02-U	8.98 ft (2.7 m)
EXT-03-U	13.96 ft (4.2 m)

Accessories



FLM
Wall mount kit 1 pair



CM
Ceiling mount kit
1 pair



SP10U
10KV Surge Protector
(100-277V)

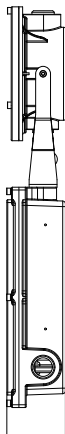
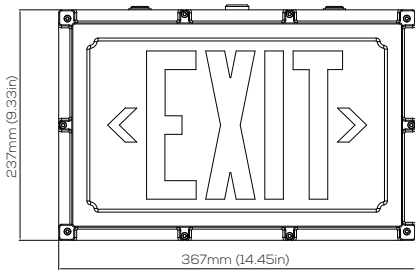
SP20U
20KV Surge Protector
(100-277V)

Dimensions

Dimensions in millimeters (mm)(in)



64mm
2.52in



64mm
2.52in

