GRINSAFE®



AURA™ GHE

Hazardous Area Emergency Light & Exit Sign Combo

This hazardous location combination unit features a 6-inch EXIT letters, available in red or green, with optional directional arrows pointing left, right, or both directions. It includes two fully adjustable LED Floodlights, each delivering up to 2,400 lumens.

Compliance

NEC/CEC Standard

UL 844 Hazardous Locations
- Class I Division 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC

CSA C22.2 No.137
CSA C22.2 No. 41
UL 924
FCC
IP66/67 | IK07

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 protec tion against water and dust.

Additional Features

- Universal Voltage: 100-277V/AC (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 GHE-01-U, -20°C for GHE-02-U

Standard Materials

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

Technical Data

Electrical	
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	Clear glass
Viewing distance	>12m
Battery Backup Runtime	> 90 minutes

Floodlights	
Output Power	4W / 8W / 10W / 15W
Luminous Efficacy	160 lm/W
Lumen Output	640lm~2400lm
Battery Backup Runtime	> 90 minutes
Lens Material	Clear glass
Beam Angle	155°
Color Temperature	5000K
CRI	Ra>70

Environmental & Technical	
Ambient Temperature	0°C ~ +50°C (Standard) -35°C ~ +50°C (ES CW1 version) -20°C ~ +50°C (ESL/ EL CW2 version)
Mounting	Wall / Ceiling / Pendant
Cable entry	3/4"NPT
Dimensions (L x W x H)	237 x 367 x 64 mm, type -ES- 432 x 367 x 64 mm, type -EL/ESL-
Weight	5.1kg (11.24lbs), type -ES- 6.1kg (13.45lbs), type -EL- 7.1kg (15.65lbs), type -ESL-

Warranty

5-year limited system warranty
Lumen Maintenance: L70 > 150,000 hours @ 25°C

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Product design and specifications subject to change without notice.

Ordering Information and Mounting Accessories

Exit sign Only (ES)

GHE	01	U	ES	3	1	FLM	GR	XXX

Model	Output Power	Voltage	Light Type	Ex. Level	Lettering	Mount Style	Color	Accessories
GHE	01 - 4W	U-100-277V/AC	ES - Exit sign 	3 - C1D2	1 - EXIT 2 - EXIT 3 -  4 -  5 -  6 - 	FLM - Wall Mount CM - Ceiling Mount CJB - Ceiling jucrion 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)

GHE	01	U	ESL	3	64	1	FLM	GR	XXX

Model	Output Power	Voltage	Light Type	Ex. Level	Lumen output	Lettering	Mount Style	Color	Accessories
GHE	02 - 8W 03 - 15W	U-100~277V/AC	ESL - Exit sign & lamp head combo 	3 - C1D2	64 - 640lm (4W) 160 - 1600lm (10W)	1 - EXIT 2 - EXIT 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 **GHE-03-U**

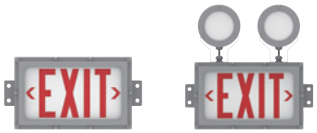
Emergency Lighting Only (EL)

GHE	02	U	EL	3	128	FLM	GR	XXX

Model	Output Power	Voltage	Light Type	Ex. Level	Lumen Output	Mount Style	Color	Accessories
GHE	02 - 8W 03 - 15W	U-100-277V/AC	EL -Emergency floodlight 	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 **GHE-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	
GHE-02-U	8.98 ft (2.7m)
GHE-03-U	13.96 ft (4.2m)

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

unit: mm(in)

