

# ES2-SERIES LED EMERGENCY LIGHTING UNIT











Project	
Date	
Prepared by	
Model #	ES2-BU1SC72B-3

# **OVERVIEW**

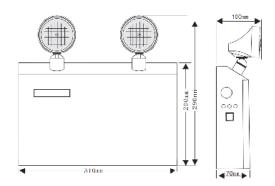
The ES2-Series LED Emergency Lighting Unit is designed to provide efficient and reliable emergency lighting. Utilizing a sturdy, all steel housing, the ES2-BU1SC72B-3 presents a modern and unobtrusive design.

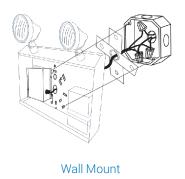
# **PRODUCT HIGHLIGHTS**

- AC input voltage
- 72W Battery Power
- 90° x 90° swivel LED emergency lighting heads
- 2 x 2W LED heads with 260 lumens output

ELECTRICAL SPECIFICATION				
Input Voltage	100-347VAC 50/60Hz	Battery Type	Lead-Acid	
Output Voltage	12VDC	<b>Battery Charge Time</b>	24 hours	
Indicator	Charge, Discharge, Test	<b>Battery Discharge Time</b>	@72W >30 mins @24W >90 mins	
<b>Battery Capacity</b>	72W (12V x 7Ah)			
LIGHTING INFORMATION				
Lamp Type	LED	Lamp Power	2 x 2W (4W)	
Lamp Input Voltage	6-12VDC	LED Heads Lumen Output	260 lm	
CONSTRUCTION				
Housing Material	Powder Coated Steel Body Flame Retardant ABS Remote Head	Material Grade	UL 94V0	
<b>Housing Color</b>	White	Operation Range	32°F to 104°F/0°C to 40°C	
Dimension (inch/mm)	12.2" (W) x 7.87" (H) x 2.75" (D) 310mm (W) x 200mm (H) x 70mm (D)	Installation Method	Wall Mount	
Weight	2.9kg/6.4lbs	Warranty	5 years	
APPROVALS & LISTINGS				
Safety Compliance	cCSAus	Safety Standards	CSA C22.2 NO.141-15 CAN/CSA-C22.2 NO.250.13-17	
File Number	272501	<b>Approved Locations</b>	Damp Locations	

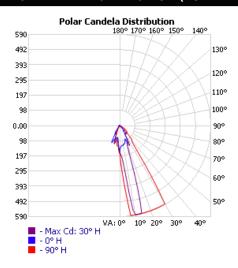
## **MOUNTING DIAGRAM**

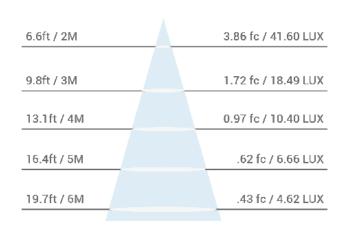




## POLAR CANDELA DISTRIBUTION (FOR 1 LED HEAD)

## **ILLUMINANCE AT A DISTANCE (FOR 1 LED HEAD)**





### RECOMMENDED CONFIGURATIONS

Up to 68W additional load with any combination of:

ES2-RH1PC2-6 (2W)(4W) ES2-RH1PC4-6 ES2-RH1PC7-6 (7W) ES2-RH1PC14-6 (14W)

<sup>1.</sup> Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.

3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty