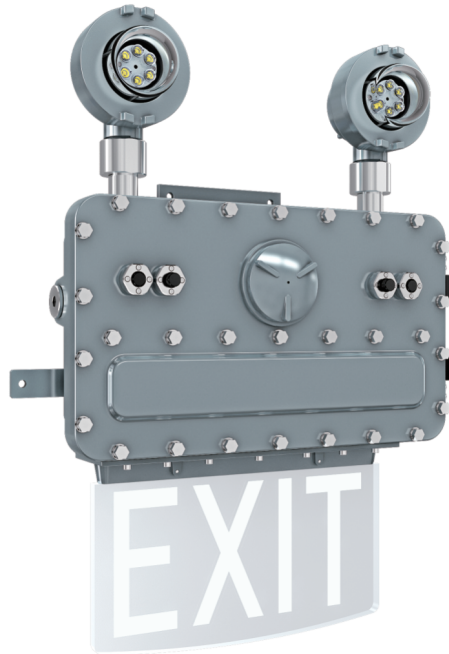


|            |  |
|------------|--|
| Project:   |  |
| Type:      |  |
| Catalog #: |  |

**\*PLEASE SEE SECOND PAGE FOR  
INFORMATION ON EMERGENCY UNIT\***

## CLASSIFICATIONS

- Class I, Division 1, Groups C, D
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- ETL
- NEMA 4X
- IP66 / Wet Locations
- Impact level: IK10 (enclosure); IK08 (glass)



## KEY FEATURES

- Two-head emergency unit and edge-lit single face exit sign.
- Independent battery back-up system with test buttons.
- Exit sign: available in 3W or 5W.
- Two high-lumen heads available in 3W, 5W, or 8W (for 10W option, please consult factory). Emergency heads can be adjusted in horizontal and vertical directions.
- 90min. emergency operation.
- Red letters (standard) or green letters.

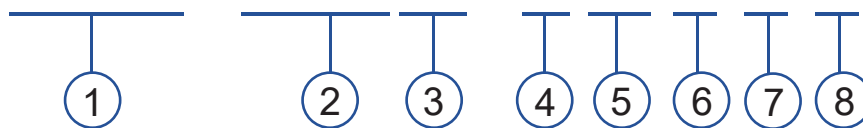
## ADDITIONAL FEATURES

- Beam angle: 90° or 120°; lamp adjustable angle: 0° to 180°
- 3/4" NPT or M25 conduit hubs.
- Red, yellow, green or other LED options.
- Working temperature: -4°F to 140°F.
- Long lifespan up to 50,000 hours.
- 5-year warranty.

## MATERIALS

- Sign Panel: Glass
- Mounting Sling: Stainless steel
- Hardware: Stainless steel
- Exit Sign: Tempered glass
- Housing: A360 Die-casting aluminum

## ORDERING INFORMATION



### 1 PRODUCT SERIES

- ◆ PON

### 2 PRODUCT TYPE\*\*

- ◆ EM: Emergency Light
- ◆ C: Emergency Light + Exit Sign
- ◆ E: Exit Sign
- ◆ EM1: Emergency Power
- ◆ EM2: Emergency Light
- ◆ EM3: Emergency Power

\*\*Please consult factory for emergency head ordering.

### 3 WATTAGE (exit sign)

- ◆ 3: 3W
- ◆ 5: 5W

### 4 WATTAGE (emergency units)

- ◆ 3: 3W
- ◆ 5: 5W
- ◆ 8: 8W

### 5 CCT

- ◆ S: 3000K
- ◆ I: 4000K
- ◆ C: 5000K
- ◆ N: 6500K (optional)

### 6 SIGN TYPES

- ◆ A: EXIT
- ◆ B: ←EXIT
- ◆ C: EXIT↑
- ◆ D: EXIT→
- ◆ E: EXIT↓
- ◆ F: EXIT↘
- ◆ G: EXIT↙
- ◆ H: EXIT↗
- ◆ I: EXIT↖
- ◆ J: ←EXIT↗
- ◆ K: EXIT↖→

### 7 LETTERS

- ◆ R: Red (standard)
- ◆ G: Green

### 8 INPUT VOLTAGE


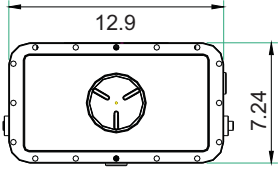
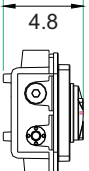

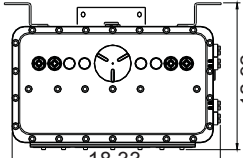
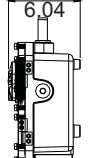
- ◆ LV: 100-277V

## DIMENSIONS & TECHNICAL DATA

Unit: inch


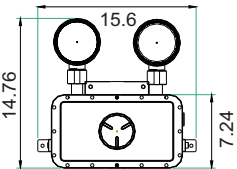
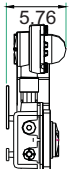

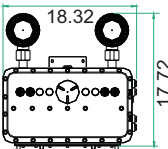

### Type YJ: Junction Box and Emergency Battery backup Box

**CONSULT FACTORY FOR ORDERING**

| Image  |   |   | Housing   | Model Number | Input   |
|--|---|---|---|--------------|---|
|  |  |  | Model EM3<br>Emergency<br>Back Up and<br>Junction Box<br>(combo)        | PON-EM3-OPEB | Max AC800V<br>Currency<br><br>Cable Cross Section:2.5mm <sup>2</sup> 24A<br>Cable Cross Section:4.0mm <sup>2</sup> 32A<br>Cable Cross Section:6.0mm <sup>2</sup> 41A<br>Cable Cross Section:10mm <sup>2</sup> 57A<br>Cable Cross Section:16mm <sup>2</sup> 76A<br>Cable Cross Section:35mm <sup>2</sup> 125A<br>Cable Cross Section:70mm <sup>2</sup> 192A<br>Cable Cross Section:240mm <sup>2</sup> 400A |
|  |  |  | Model EM1<br>Emergency<br>Back Up<br>and Junction<br>Box<br>(exit sign) | PON-EM1-OPEB |   |


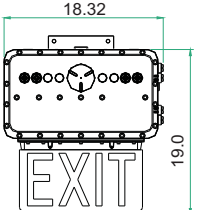
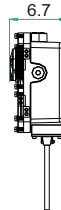
### Type 1: 2-Head Emergency Unit

**CONSULT FACTORY FOR ORDERING**

| Image  |   |   | Housing                     | Model Number | Wattage | Lumens (lm) | Input  |
|--|---|---|-----------------------------|--------------|---------|-------------|--|
|    |    |    | Model EM2<br>Emergency Unit | PON-EM2-C    | 3W      | 390         | AC100-277V<br>or AC100-347V<br>(by driver and by IC) |
|  |   |   |                             | PON-EM2-C    | 5W      | 650         |  |
|  |   |   |                             | PON-EM2-C    | 10W     | 1300        |  |
|  |  |  | Model EM<br>Emergency Unit  | PON-EM-C     | 3W      | 390         | AC100-277V<br>or AC100-347V<br>(by driver and by IC) |
|  |   |   |                             | PON-EM-C     | 5W      | 650         |  |
|  |   |   |                             | PON-EM-C     | 8W      | 1040        |  |
|  |   |   |                             | PON-EM-C     | 10W     | 1300        |  |


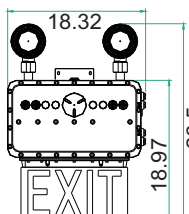

### Type 2: Battery Backup + Exit Sign

**CONSULT FACTORY FOR ORDERING**

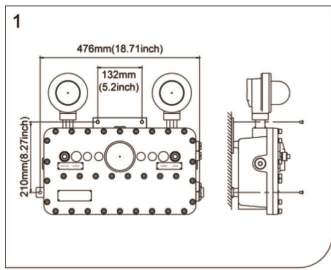
| Image  |   |   | Housing              | Model Number | Wattage | Lumens (lm) | Input                       |
|--|---|---|----------------------|--------------|---------|-------------|-----------------------------|
|  |  |  | Model E<br>Exit Sign | PON-E-C      | 3W      | 390         | AC100-277V<br>or AC100-347V |
|  |   |   |                      | PON-E-C      | 5W      | 650         |                             |
|  |   |   |                      | PON-E-C      | 8W      | 1040        |                             |
|  |   |   |                      | PON-E-C      | 10W     | 1300        |                             |

### Type 3: 2-Head Emergency + Exit Sign

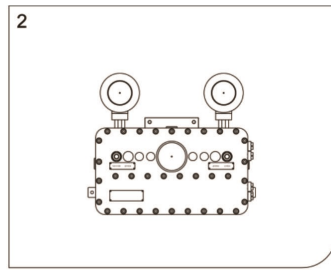
**CONSULT FACTORY FOR ORDERING**

| Image   |   |   | Housing                                   | Model Number | Wattage | Lumens (lm) | Input  |
|---|---|---|---|--------------|---------|-------------|--|
|  |  |  | Model C<br>Exit and<br>Emergency<br>Combo | PON-C-C      | 3W      | 390         | AC100-277V<br>or AC100-347V<br>(by driver and by IC) |
|   |   |   |   | PON-C-C      | 5W      | 650         |  |
|   |   |   |   | PON-C-C      | 8W      | 1040        |  |
|   |   |   |   | PON-C-C      | 10W     | 1300        |  |

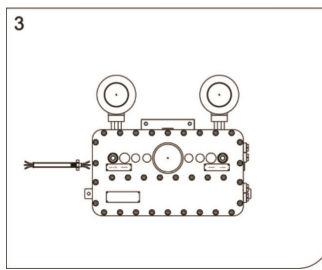
## MOUNTING INSTRUCTIONS (WALL MOUNTING)



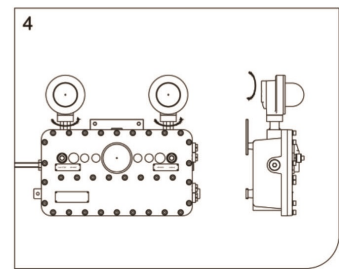
Drill two holes as fig. 1, the distance as per 476mm (18.74inch) and 132mm (5.19inch).



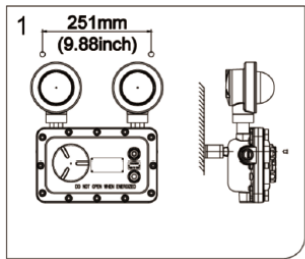
Fix with four 5/16-inch expansion screws.



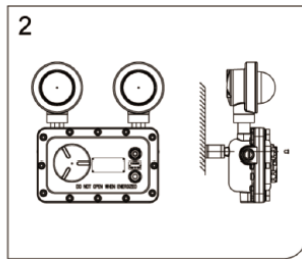
Install pipe to 3/4 NPT entry and fix 16mm (0.63inch) Chico A.



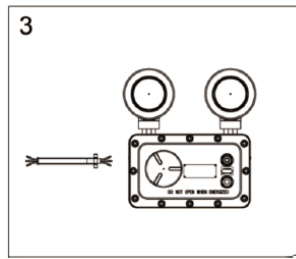
Connect the AC cable: black cable joins to L, white cable joins to N, green cable joins to grounding.



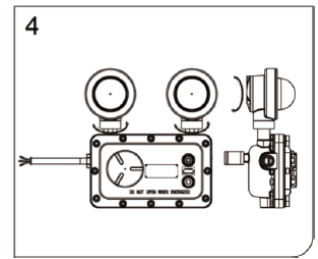
Drill two holes as fig. 1, the distance as per 251mm (9.88inch).



Fix two M10 expansion screws.

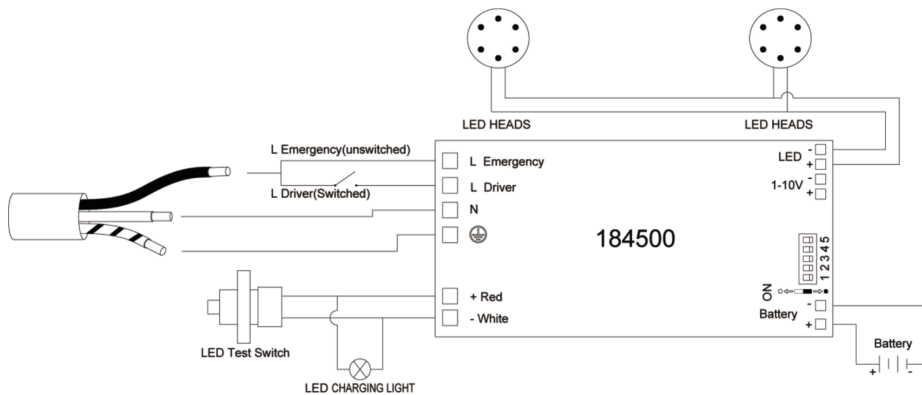


Install pipe to 3/4 NPT entry and fix 19mm (0.75inch) Chico A.



Connect the AC cable: black cable joins to L, white cable joins to N, green cable joins to grounding.

## WIRING DIAGRAM



## ACCESSORY



**Model:** Ex-arm  
**Name:** Mounting Arm  
**Material:** Aluminum

## PACKING INFORMATION

| Model                  | Quantity/Carton | Packing Size          | Net Weight | Gross Weight |
|------------------------|-----------------|-----------------------|------------|--------------|
| PON-EM (Without Sign)  | 1 Pc            | 22.28x20.67x11.45inch | 44.09 lbs  | 48.50 lbs    |
| PON-C (With Sign)      | 1 Pc            | 29.13x22.28x11.45inch | 55.12 lbs  | 59.52 lbs    |
| PON-EM2 (Without Sign) | 1 Pc            | 16.93x16.69x10.87inch | 17.64 lbs  | 20.94 lbs    |