

COSTA

LED Emergency Exit Sign Box IP20



Product Features

- Super bright low power consumption LED Board.
- Same Lumen output in both Normal and Emergency mode.
- Maintained or Non Maintained type.
- Changeover complete in less than 1 second.
- Ni-MH or Ni-CD Battery incorporated for emergency backup purpose.
- 3 hours battery backup for emergency operation.
- Battery Full Recharge in 12 hours.
- Provided With a "Test" Button for regular maintenance check.
- Flashing facility is available upon request.
- Flashing is achievable upon receiving a 24V DC signal from Fire Alarm Panel or being mains failure.
- Auto Test Facility is an optional item.

Technical Data

Installation method / 安裝方式 Metodo de instalacion	Wall Mounted or Surface Mounted or Pendant Mounted 壁掛式或表面安裝式或吊裝式 Montado en la pared o en la superficie o montado en el colgante
System Mode 應急系統模式 Modo de sistema	• Maintained Type 長明式 Tipo mantenido • Non-Maintained Type 非長明式 Tipo no mantenido • CBS Support Only 中央電池應急 Emergencia de batería central • Flashing Type 閃爍型 Tipo intermitente • Auto Test 自動測試 Prueba automática (As per the requirements of FSD PPA/104 (5th Revision))
Flashing Type / 閃爍型 / Tipo intermitente	1. Having received 24dc signal from external equipment such as Fire Alarm Panels 2. Being in Mains Failure Status 3. By either N/C or N/O Contact
Side Selection 膠片選擇 Selección lateral	Single Sided or Double Sided 單面或雙面 Una cara o dos caras
Dimension / 尺寸 / Dimensión	L: 450mm x H: 180mm x D: 50mm @ Single Sided L: 450mm x H: 180mm x D: 60mm @ Double Sided L: 650mm x H: 180mm x D: 50mm @ Single Sided L: 650mm x H: 180mm x D: 60mm @ Double Sided
Input Voltage / 輸入電壓 / Voltaje de entrada	AC 220-240V 50/60Hz
Converter Model / 轉換器型號 Modelo de convertidor	MOLA-3-3
Power Consumption / 燈具功率 / Consumo de energía Max	3W 5W
Charge Time / 充電時間 / Tiempo de carga	12 Hours
Discharge Duration / 放電時間 Duración de la descarga	3 Hours
Color Temperature / 色溫 / Temperatura del color	4000K 6500K
Battery Type / 電池類型 Tipo de batería	Ni-MH (Nickel Metal Hydride Battery) Ni-CD (Nickel-cadmium Battery)
Battery Capacity / 電池容量 Capacidad de la batería	4.8V 1.2 AH
LED indicator Function / LED指示燈功能 Indicador LED de función	• Charging: Red LED Light up / 充電: 紅色 LED 亮起 LED ROJO Iluminado • Discharging: No color / 放電: 無顏色 / Descarga: Sin color • Full : Green LED Light up 綠色 LED 亮起 LED VERDE Iluminado • Fail : Yellow LED Light Up 黃色 LED 亮起 luz LED AMARILLA
Housing materials / 外殼材料 Materiales de la carcasa	Steel and Polycarbonate Diffuser 鋼和聚碳酸酯擴散器 Difusor de acero y policarbonato
Legend / 指示牌圖例 / Leyenda	Refer to Drawing / 參考圖紙 / Consulte el dibujo
Operating Temperature / 工作溫度 Temperatura de funcionamiento	-20°C - 40°C
Housing Color / 外殼顏色 color de la carcasa	Powder Coating / 粉末塗料 / Recubrimiento en polvo Matte white / 啞光白色 / Blanco mate
Ingress Protection / 防護等級 Protección de ingreso	IP20
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	IEC 60598-1:2020 & BSEN 60598-2-22:2014+A1:2020 at temperature of 850°C and IEC 60695-2-10:2013 BS EN 50200: 2015 (PH60) and Annex E of BS EN 50200: 2015 (a duration of survival time of 30 minutes) and one of the following standards: (i) BS EN 60702-1: 2002 +A1: 2015 & BS EN 60702-2: 2002 +A1: 2015 (ii) BS 7629-1: 2015 (Cat. Standard 60) (iii) BS 7846: 2015 (Cat. F2 for cables of overall diameter not exceeding 20mm) (b) BS 6387: 2013 Cat. CWZ. The test results from our measurement complied with the relevant sections of BS 5266-1:2016, BS EN 1838:2013 and relevant parts of BS EN 60598-2-22:2014+A1:2020 and regulation PPA / 104 (A) (5th Revision) of Fire Services Department specifications.
Certification / 認證 / Certificación	   

Project	Fixture#	Date
		Firm

Ordering Information

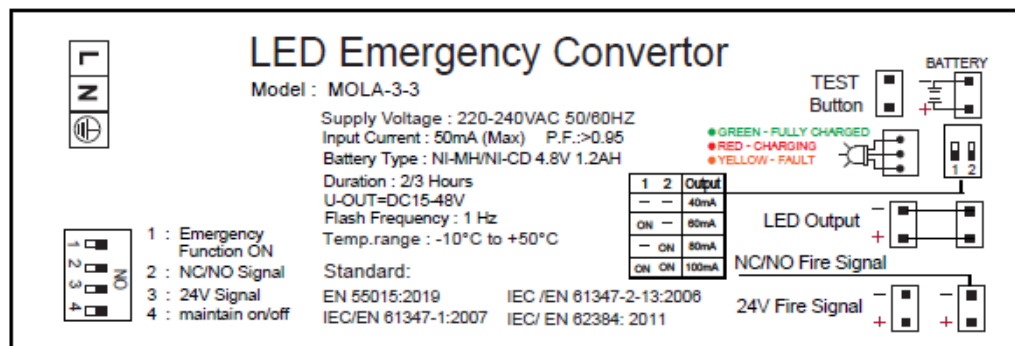
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [COSTA-3W-S-5](#)

COSTA - - - - -
 Power Dimension Side

Power		Dimension		Side	
Code	Description	Code	Description	Code	Description
3W	3W	S	L:450 x H:180 X D:50mm / L:450 x H:180 X D:60mm	S	Single Side
5W	5W	M	L:650 x H:180 X D:50mm / L:650 x H:180 X D:60mm	D	Double Side

Flashing Model Diagram





Legends



1

2

3

4

ON

1 : Emergency Function ON

2 : NC/NO Signal

3 : 24V Signal

4 : maintain on/off

LED Emergency Inverter

Model :

Supply Voltage : 220-240VAC 50/60HZ

Input Current : 50mA (Max) P.F.:>0.95

Battery Type : NI-MH/NI-CD 4.8V 1.2AH

Duration : 2/3 Hours

U-OUT=DC15-48V

Flash Frequency : 1 Hz

Temp.range : -10°C to +50°C

Standard:

EN 55015:2019 IEC /EN 61347-2-13:2006

IEC/EN 61347-1:2007 IEC/ EN 62384: 2011

TEST Button

BATTERY

GREEN - FULLY CHARGED

RED - CHARGING

YELLOW - FAULT

1

2

Output

LED Output

NC/NO Fire Signal

24V Fire Signal