

VIVA 4W LED EMERGENCY EXIT BOX, SELF-TEST

It is a requirement that we provide emergency signage in our buildings to safely guide its occupants to safety in the event of a power failure. A modern approach to design results in this attractive aesthetically pleasing emergency fitting. It has a long rated LED life and uses the latest energy efficient LED's, control gear technology and LiFePo4 battery technology to provide a safe, efficient emergency solution for our buildings. Fully automated self-test facility limits required maintenance and labour.



Applications:

- Offices
- Public buildings
- Hotels, bars and clubs, restaurants
- Schools
- Health centres, hospitals
- Retail premises

Construction:

Polycarbonate Housing
Aluminium/FR-4 composite PCB
LiFePO4 battery

Features and Benefits:

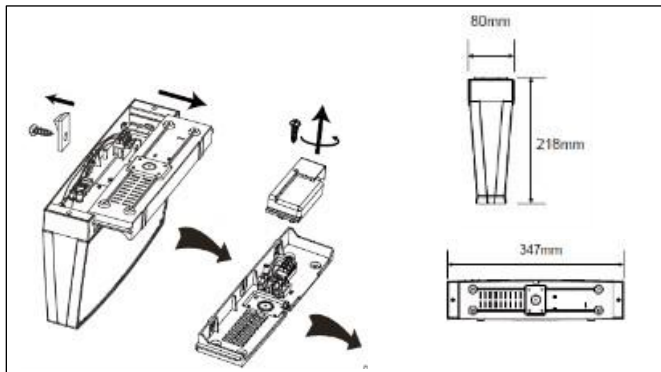
- Utilising the latest LiFePo4 battery technology means that this great new fitting is fast charge for shorter commissioning time and is slow discharge when not connected to mains. It also has a high number of charge/discharge cycles which means the batteries last many times longer than traditional types with a long emergency light output to easily comply with AS2293
- The fitting has a surface mount base and is equipped with large terminals for fast and simple connection of flex and plug-top to the wiring infrastructure of the building
- The main body slides on and off the base when the retaining clip is removed thereby making for very fast mechanical and automatic electrical connection to the pre-wired base
- The fitting has a special legend to body fixing design and comes with 4 large clear through route and left/right running man legends to give bold, easily seen exit direction signage and maximum viewing distance
- A spare legend set is available with a full range of legends
- The Viva has a viewing distance of 24m so complies with AS2293 for emergency signage
- The fitting uses minimal power, < 4 watts, so reduces battery drain for longer operation and provides an energy efficient, low CO₂ installation
- It is a maintained fitting so always shows the direction of exit routes
- A symbol on the face of the fitting makes it easy to identify that it is an emergency fitting
- The fitting is equipped with a green LED which shows the mains supply is good and charging
- It also has a manual test button which allows for additional manual test outside of the normal test regime
- High quality independently tested LM80 & TM21 LED's ensure the fitting will provide long life with low light depreciation over time
- High lumen output also increases the minimum spacing requirement and reduces the quantity of fittings needed to comply with maximum viewing distance requirements of the emergency lighting regulations
- High quality driver design ensures that the LED's are provided with the optimum drive current so the whole package provides a long service life
- A 20mm cut-out in the base provides for industry standard size glands, grommets or bushings

EMERGENCY



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Product Code:	R4EMLEDST-01
Comparable to:	8W T5 fluorescent
Total Power (W):	2.7
Total Light Output (lm):	50
Emergency Mode Light Output (lm):	40
ILLuminance at 1m (lux):	4
Emergency Mode iLLuminance at 1m (lx):	3
Beam Angle (deg):	300
CCT (K):	6,500
CRI (Ra):	70
Rated Life (hrs):	50,000
Luminaire Warranty (yrs):	5
Battery Warranty (yrs):	3
Ingress Protection (IP):	20
Operating Temperature (°C):	0 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240
Power Factor (PF):	0.4
Height (mm):	218
Width (mm):	347
Depth (mm):	80
Box Qty:	1
Weight (kg):	1.0



Standards & Approvals:

Complies with: SAA and RCM

Cone Illuminance Diagram:

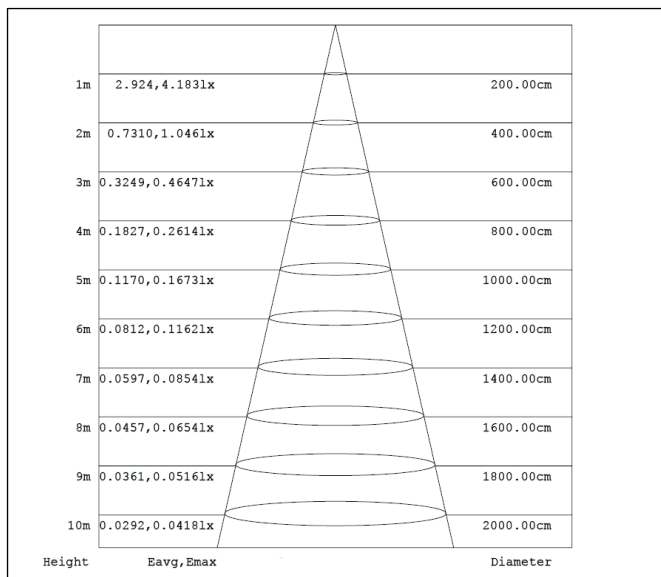
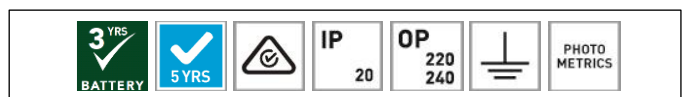


Diagram for R4EMLEDST-01 in 6,500K. Other diagrams available on request



Polar Intensity Diagram:

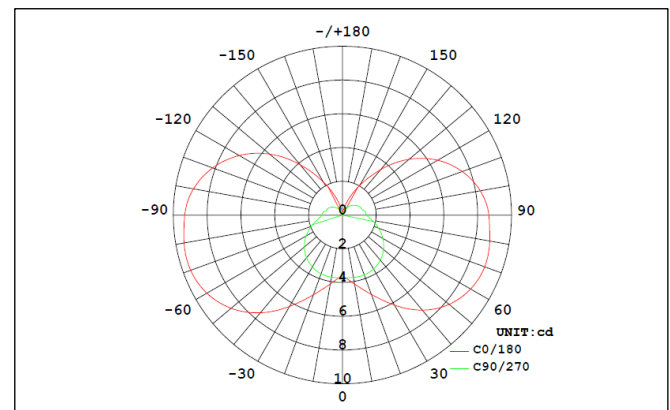


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