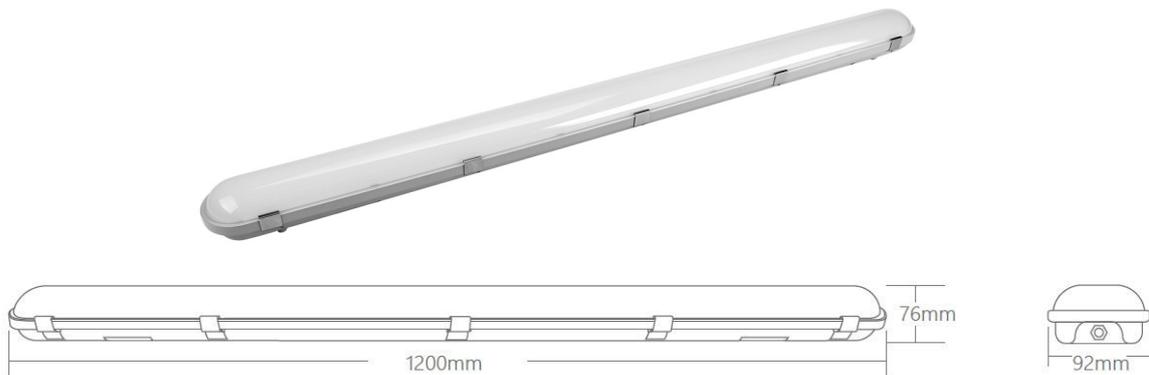# 20/30/40W SELECTABLE EMERGENCY LED WEATHER-PROOF BATTEN

Product Features

- High quality, robust polycarbonate diffuser

- Commercial grade quality and design

- Selectable power 10W, 15W and 20W with a DIP switch

- Integral constant cu rrent non-dimmable and flicker free LED driver

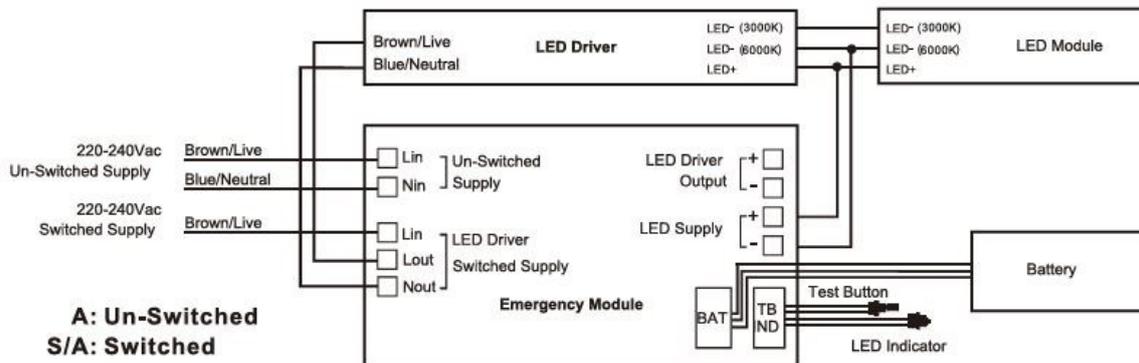- Surface mounted and suspension mounted

Technical Specification

Model	SE-SP40-TC-EM
Watts	20W-30W-40W Selectable
Input Voltage	AC 200-240V 50/60Hz
Colour Temp.	TRI Color: 3000K / 4000K / 6000K
Lumens Output	5000lm @40W
CRI	Ra>80
Beam Angle	120°
Size	1200* 92*76mm
IP Grade	IP 65
Dimmable	No Dimming, Flicker Free
Battery	LiFePO4
Emergency	3hrs back up
Emergency Classification	C0-D63 C90-D40

* The information in this datasheet may be changed by Everglow Lighting at any time without prior notice

Maintained Emergency

Before installation, please read the instructions completely and carefully.

Wiring Diagream

A: Un-Switched
S/A: Switched

Testing

When luminaire is permanently connected to mains supply, allow the luminaire to fully charge for 16 hours.
Conduct following tests once the battery has fully charged:

Test 1:
A commissioning discharge test must be carried out once the luminaire is connected to mains supply.
The emergency luminaire must remain illuminated for at least 3 hours after disconnection from the mains power.
NOTE: The luminaire works on standard power when connected to mains supply and switches to 3.5W power during. emergency mode operation.

Test 2:
Subsequent tests, performed every 6 months, require the luminaire to successfully operate in emergency mode for 90mins.

NOTE 1: A record shall be maintained of all the discharge tests performed on site at all times.

NOTE 2: Battery should be charged every three months to ensure performance.

Test Switch and LED Indicator:

The Test Switch and LED indicator on the luminaire provide an indication of the status of the luminaire during testing
and normal operation

Test Switch&LED indicator	ON	OFF
LED Indicator / Test Switch	• Depress the test switch-luminaire will operate in Emergency mode • LED indicator will be off during Emergency mode	• On releasing the Test switch the luminaire will automatically connect to mains supply • LED indicator will illumiante
LED Indicator / Test Switch	• Luminaire is working on mains supply	• Luminaire is working in Emergency mode • Luminaire has malfunctioned