

TECHNICAL DATA SHEET

Stanilite® Power pack LED emergency



Range

Non-standard range

Product group

Power pack and LED driver



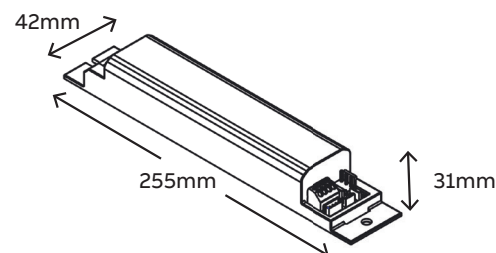
Description

The power pack LED emergency is designed to convert SELV (safety extra low voltage) $\leq 45V$ design normal LED luminaire into an emergency luminaire. The power pack is installed by breaking into the low voltage output connection between the mains LED driver and the LEDs and allows the LEDs to be operated as normal under mains healthy conditions and operated at reduced light output in an emergency.

Features

- SELV output voltage $\leq 45V$
- Constant power output
- Constant current intelligent battery charger
- Polarity reversal protection for battery
- Deep discharge protection
- High temperature 70°C NiCad battery for longer life
- Low profile control module (42 x 31mm cross-section)
- Compatible with SELV $\leq 45V$ LED luminaires in the market

Catalogue no.	Description
EM products	
PPLED5W	Power pack LED SELV 20-45V 4D cell NiCad
Spare parts	
03-CBMA035P	Battery 4 cell NiCad 4.8V 4.5Ah



Dimensions				
	Part	Length	Width	Height
	Main module	255mm	42mm	31mm
	Battery pack	170mm	60mm	32mm
	Serial cable	250mm		
	Test switch and LED	600mm		
Weight				
	Model	Weight		
	EM	0.8kg		
Construction				
	Part	Construction		
	Main module	Polycarbonate		
	Battery pack	NiCad		

Technical data

Part	Specifications
Rated supply voltage	220-240V
Mains frequency	50/60 Hz
LED module forward voltage range	20-45V
Time to light up on mains failure	<0.25 seconds of emergency event
Maximum output voltage	45V
Battery charging time	16 hours**
Ambient temperature ta	+5°C to +55°C
Maximum casing temperature tc	75°C
Type of protection	IP20

Note: ** 16 hours battery charging time for 2 hours emergency lighting duration as per AS2293

Note:

- This LED power pack complies with EMC regulations as a stand-alone unit. We advise that if you incorporate this pack into your product (batten/ luminaire) you must test the complete (product/luminaire) for EMC compliance. ABB accept no responsibility for EMC and thermal compliance of retrofitted product unless we have performed a formal assessment. The luminaire manufacturer/installer is responsible for EMC and thermal compliance as required per AS2293 appendix C and D.