

# Stanilite®

## Power pack LED Nexus® emergency



### Range

Non-standard range

### Product group

Power pack and LED driver



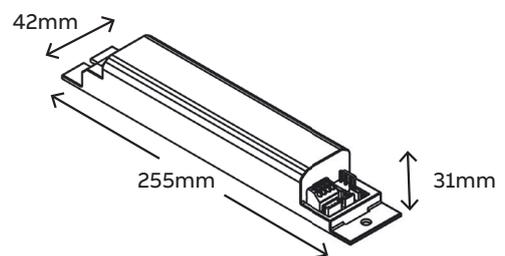
### Description

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
<b>Nexus products</b>	
PPNXSLED5W	Power pack LED Nexus LX SELV 20-45V 4D cell NiCad
PPNRFLED5W	Power pack LED Nexus RF SELV 20-45V 4D cell NiCad
<b>Spare parts</b>	
03-CBMA035P	Battery 4 cell NiCad 4.8V 4.5Ah



Dimensions			
Part	Length	Width	Height
Main module	255mm	42mm	31mm
RF module	81mm	31mm	21mm
Battery pack	170mm	60mm	32mm
Antenna cable	500mm		
Serial cable	250mm		
Test switch and LED	600mm		

Weight	
Model	Weight
Nexus LX/RF	0.8kg

Construction	
Part	Construction
Main module	Polycarbonate
RF module	Polycarbonate
Battery pack	NiCad

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**Technical data**

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<b>Part</b>	<b>Specifications</b>
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.