

ROOT3
LIGHTING & ELECTRICAL




Lumiwave
reportable emergency

Streamline your emergency lighting maintenance



Lumiwave[®]

reportable emergency

An innovative solution to managing your organisations emergency lighting.

Our simple installation and commissioning process means that whether you're retrofitting into an existing installation or beginning a brand new one, Lumiwave can support your building's operational needs. Lumiwave operates away from crowded Bluetooth signals that have the potential for cross platform security issues. This flexible solution is available in two formats; Lumiwave-Cloud, where your secure data can be accessed remotely, and Lumiwave-Local, where the data is managed locally using our user interface device. Both versions allow the user to complete routine testing and locate faults with our easy-to-follow floorplan format.

Key Features


Secure mesh network


Out of the box installation


Test scheduling


Monthly & annual reporting


System held compliance reports


Scalable from small to large installations


Robust & secure mesh network

Benefits



Wireless System

Lumiwave Local

The local user interface touchscreen displays faults in an ergonomic graphical format, guiding the user directly to any issues that require attention. Following function or duration tests compliance reports are held at the system and can be downloaded when required. The schedule and times of the function and duration tests can be programmed in keeping with the requirements of the building and its occupants, complying with the requirements of the building and its operatives. Testing can be set into unlimited groups, so that no two adjacent fittings are set to test at the same time. This allows for maximum coverage whilst emergency lighting batteries are recharging following duration tests.

Lumiwave Cloud

The cloud platform is used to store compliance data and report on the status of your building's emergency lighting. This provides peace of mind that your emergency lighting is always fully functional. Any failures are immediately reported to the platform advising the exact location of any issue in a graphical floorplan format and what parts will be required to cure the fault. This allows for a fix first time maintenance visit. Multiple sites can be linked together in one single system, simplifying the management of large estates.



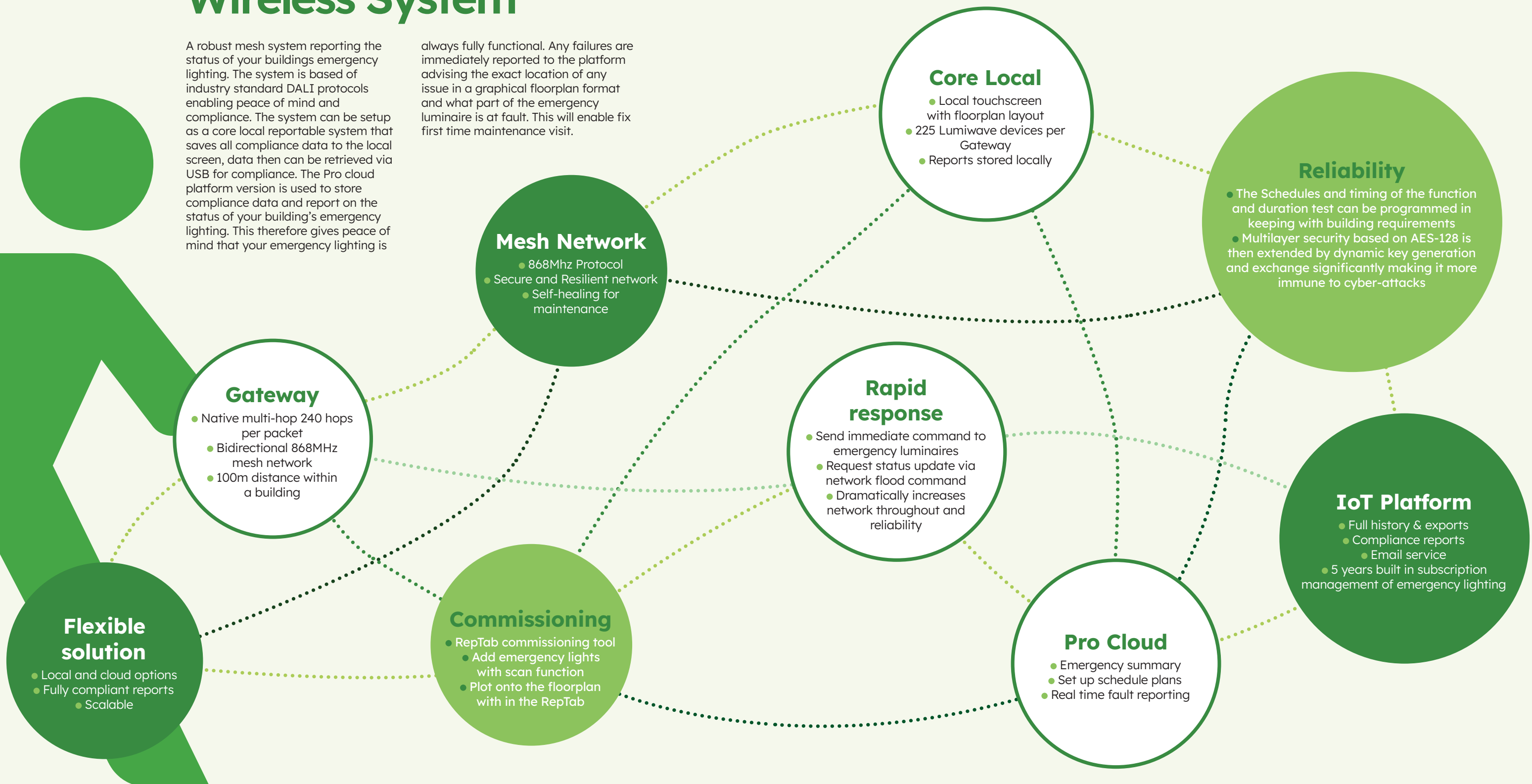
Stay Compliant. Stay Connected.

A Smarter Wireless System

A robust mesh system reporting the status of your buildings emergency lighting. The system is based of industry standard DALI protocols enabling peace of mind and compliance. The system can be setup as a core local reportable system that saves all compliance data to the local screen, data then can be retrieved via USB for compliance. The Pro cloud platform version is used to store compliance data and report on the status of your building's emergency lighting. This therefore gives peace of mind that your emergency lighting is

always fully functional. Any failures are immediately reported to the platform advising the exact location of any issue in a graphical floorplan format and what part of the emergency luminaire is at fault. This will enable fix first time maintenance visit.

SAVE TIME SAVE MONEY





Available with DALI



Part Number: 470002-CO-R3
Wireless Gateway Cloud

IP20

Ingress Protection

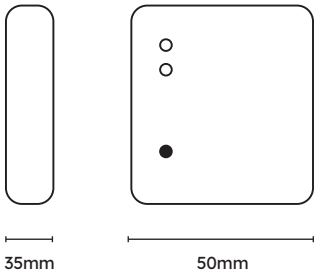
5 YR

Product Warranty

PRODUCT FEATURES

- Ethernet port for LAN connection
- Bluetooth 4.0 Wifi & Ethernet connections
- Up to 500m range

GENERAL INFORMATION		TECHNICAL INFORMATION	
Power	2W	Input	230-240V AC 50/60Hz
IP Rating	IP20	Ambient Temperature (ta)	0-30°C
Warranty (Years)	5	Colour / Finish	White
Nominal Product Length (mm)	50	Accredited Security	AES-128 Multilayer
Nominal Product Width (mm)	50		
Nominal Product Height (mm)	35		
Weight (kg)	0.1		



Part Number: 470007-WH-CO-R3
Exit Sign

6000K

Kelvin

IP40

Ingress Protection

25m Viewing Distance

50,000

LED Lifespan L70

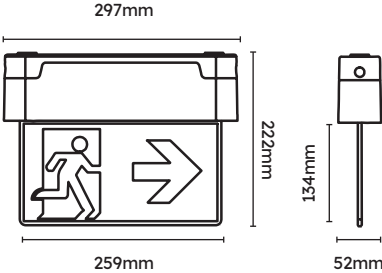
5 YR

Product Warranty

PRODUCT FEATURES

- IEC 62386 - DALI Standard
- LiFePO4 batteries
- Lumiwave 868 mHz self-healing mesh
- Cloud monitoring system
- Customisable test schedules
- Automatically generated compliance report

GENERAL INFORMATION		TECHNICAL INFORMATION	
Power	5.7W	Input	230-240V AC 50/60Hz
Fixture Luminous Flux (lm)	n/a	Ambient Temperature (ta)	0-30°C
Colour Temperature	6000K	Colour / Finish	White
IP Rating	IP40	Lifespan	50,000
Beam Angle°	n/a	Electrical Connector Type	Terminal
Warranty (Years)	5	Battery Type	3.2V 3.8Ah LiFePO4
Nominal Product Length (mm)	297	Manufactured in Accordance to	BS60598-2-2
Nominal Product Width (mm)	52	Accredited	ISO9001, LIAQA
Nominal Product Height (mm)	222		
Weight (kg)	0.8		





Part Number: 470010-WH-CO-R3
Twin Spot

6000K
Kelvin

IP65
Ingress Protection

50,000
LED Lifespan L70

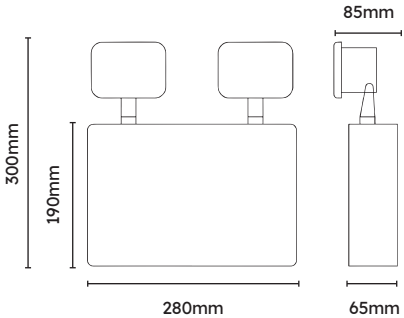
5 YR
Product Warranty

PRODUCT FEATURES

- IEC 62386 - DALI Standard
 - LiFePO4 batteries
 - Lumiwave 868 mHz self-healing mesh
- Cloud monitoring system
 - Customisable test schedules
 - Automatically generated compliance report

GENERAL INFORMATION	
Power	4W
Fixture Luminous Flux (lm)	2 x 300
Colour Temperature	6000K
IP Rating	IP65
Beam Angle°	50°
Warranty (Years)	5
Nominal Product Length (mm)	280
Nominal Product Width (mm)	85
Nominal Product Height (mm)	300
Weight (kg)	2

TECHNICAL INFORMATION	
Input	230-240V AC 50/60Hz
Ambient Temperature (ta)	0-35°C
Colour / Finish	White
Lifespan	50,000
Electrical Connector Type	Terminal
Battery Type	6.5V 3.8Ah LiFePO4
Manufactured in Accordance to	BS60598-2-2
Accredited	ISO9001, LIAQA



Part Number: 470014-WH-CO-R3
Surface Square Open Area

6000K
Kelvin

IP20
Ingress Protection

50,000
LED Lifespan L70

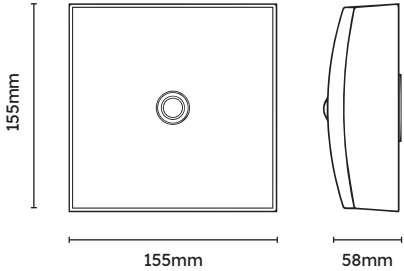
5 YR
Product Warranty

PRODUCT FEATURES

- IEC 62386 - DALI Standard
 - LiFePO4 batteries
 - Lumiwave 868 mHz self-healing mesh
- Cloud monitoring system
 - Customisable test schedules
 - Automatically generated compliance report

GENERAL INFORMATION	
Power	1.7W
Fixture Luminous Flux (lm)	270
Colour Temperature	6000K
IP Rating	IP20
Beam Angle°	135°
Warranty (Years)	5
Nominal Product Length (mm)	155
Nominal Product Width (mm)	155
Nominal Product Height (mm)	58
Weight (kg)	0.4

TECHNICAL INFORMATION	
Input	230-240V AC 50/60Hz
Ambient Temperature (ta)	0-25°C
Colour / Finish	White
Lifespan	50,000
Electrical Connector Type	Terminal
Battery Type	3.2V 3.8Ah LiFePO4
Manufactured in Accordance to	BS60598-2-2
Accredited	ISO9001, LIAQA





Part Number: 470015-WH-HO-R3
High Output Pin Spot Open Area

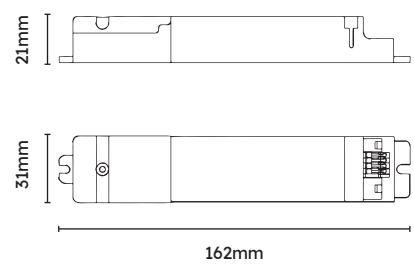
6000K
Kelvin

IP54
Ingress Protection

50,000
LED Lifespan L70

5 YR
Product Warranty

PRODUCT FEATURES			
• IEC 62386 - DALI Standard		• Customisable test schedules	
• LiFePO4 batteries		• Automatically generated compliance report	
• Lumiwave 868 mHz self-healing mesh		• 40mm Cut Out	
• Cloud monitoring system			
GENERAL INFORMATION		TECHNICAL INFORMATION	
Power	1.7W	Input	230-240V AC 50/60Hz
Fixture Luminous Flux (lm)	345	Ambient Temperature (ta)	0-50°C
Colour Temperature	6000K	Colour / Finish	White
IP Rating	IP54 (Below) IK20 (Above)	Lifespan	50,000
Beam Angle°	135°	Electrical Connector Type	Push Terminal
Warranty (Years)	5	Battery Type	3.2V 4.8Ah LiFePO4
Nominal Product Length (mm)	162	Manufactured in Accordance to	BS60598-2-2
Nominal Product Width (mm)	335	Accredited	ISO9001, LIAQA
Nominal Product Height (mm)	21		
Weight (kg)	0.41		



Part Number: 470016-WH-CO-R3
Pin Spot Corridor

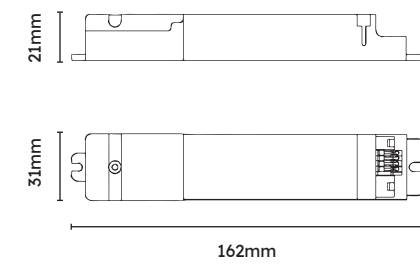
6000K
Kelvin

IP54
Ingress Protection

50,000
LED Lifespan L70

5 YR
Product Warranty

PRODUCT FEATURES			
• IEC 62386 - DALI Standard		• Customisable test schedules	
• LiFePO4 batteries		• Automatically generated compliance report	
• Lumiwave 868 mHz self-healing mesh		• 40mm Cut Out	
• Cloud monitoring system			
GENERAL INFORMATION		TECHNICAL INFORMATION	
Power	1.7W	Input	230-240V AC 50/60Hz
Fixture Luminous Flux (lm)	270	Ambient Temperature (ta)	0-50°C
Colour Temperature	6000K	Colour / Finish	White
IP Rating	IP54 (Below) IK20 (Above)	Lifespan	50,000
Beam Angle°	155° x 115°	Electrical Connector Type	Push Terminal
Warranty (Years)	5	Battery Type	3.2V 3.8Ah LiFePO4
Nominal Product Length (mm)	162	Manufactured in Accordance to	BS60598-2-2
Nominal Product Width (mm)	335	Accredited	ISO9001, LIAQA
Nominal Product Height (mm)	21		
Weight (kg)	0.41		





Part Number: 470017-WH-CO-R3
Bulkhead

4000K
Kelvin

IP65
Ingress Protection

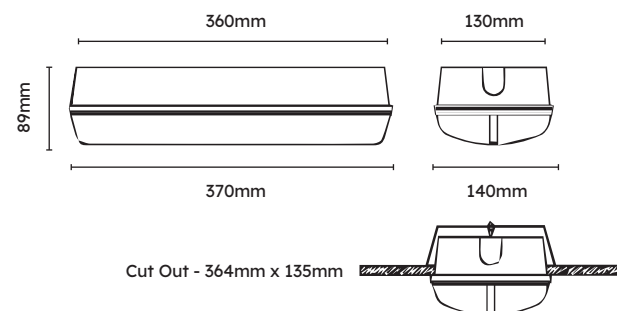
50,000
LED Lifespan L70

5 YR
Product Warranty

PRODUCT FEATURES

- IEC 62386 - DALI Standard
 - LiFePO4 batteries
 - Lumiwave 868 mHz self-healing mesh
 - Cloud monitoring system
- Customisable test schedules
 - Automatically generated compliance report
 - Opal Lens

GENERAL INFORMATION		TECHNICAL INFORMATION	
Power	2.8W	Input	230-240V AC 50/60Hz
Fixture Luminous Flux (lm)	360	Ambient Temperature (ta)	5-53°C
Colour Temperature	4000K	Colour / Finish	White
IP Rating	IP65	Lifespan	50,000
Beam Angle°	125° x 117°	Electrical Connector Type	Terminal
Warranty (Years)	5	Battery Type	3.2V 3.8Ah LiFePO4
Nominal Product Length (mm)	370	Manufactured in Accordance to	BS60598-2-2
Nominal Product Width (mm)	140	Accredited	ISO9001, LIAQA
Nominal Product Height (mm)	89		
Weight (kg)	2.1		



Part Number: 470021-WH-CO-R3
Wall Exit Sign

6000K
Kelvin

IP40
Ingress Protection

30m Viewing Distance

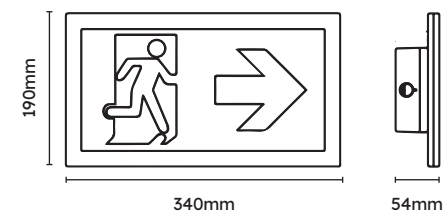
50,000
LED Lifespan L70

5 YR
Product Warranty

PRODUCT FEATURES

- IEC 62386 - DALI Standard
 - LiFePO4 batteries
 - Lumiwave 868 mHz self-healing mesh
- Cloud monitoring system
 - Customisable test schedules
 - Automatically generated compliance report

GENERAL INFORMATION		TECHNICAL INFORMATION	
Power	5.7W	Input	230-240V AC 50/60Hz
Fixture Luminous Flux (lm)	n/a	Ambient Temperature (ta)	0-30°C
Colour Temperature	6000K	Colour / Finish	White
IP Rating	IP40	Lifespan	50,000
Beam Angle°	n/a	Electrical Connector Type	Terminal
Warranty (Years)	5	Battery Type	3.2V 3.8Ah LiFePO4
Nominal Product Length (mm)	340	Manufactured in Accordance to	BS60598-2-2
Nominal Product Width (mm)	54	Accredited	ISO9001, LIAQA
Nominal Product Height (mm)	190		
Weight (kg)	1.2		



ROOT3

LIGHTING & ELECTRICAL

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Sat - Sun - Closed