



# PRODUCT SPECIFICATION

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AME2



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## INTRODUCTION

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The AME2 is an LED emergency bulk head emergency luminaire incorporating lithium batteries for extended lifetime. With a white polycarbonate housing and clear polycarbonate diffuser the AME2 is both IP65 rated to protect from dust and water and able to withstand light impact. The AME2 is also available with adhesive legends to ensure that it can be used either for general emergency illumination or for emergency signage.

**CE** **IP65** **IK07**

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## APPLICATION

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- Commercial / Offices
- Corridor
- Education
- Exterior
- Healthcare / Social Housing
- Hotel / Leisure
- Industrial / Manufacturing
- Parking / Exterior

- › Retail
  - › Stairwell
  - › Transport
  - › Warehouse / Storage
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## SPECIFICATION

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### CONSTRUCTION

- › Housing: Injection moulded polycarbonate
- › Finish: Matt white
- › Diffuser: Injection moulded clear polycarbonate
- › ISO 7010 or Euro Norm Legends with all directional arrow options.
- › IK07
- › IP65

### ENVIRONMENTAL

- › Every luminaire is labelled with a unique ID number allowing easy identification of spare parts for the lifetime of the product.
- › UK based manufacturing providing local support throughout the product lifetime and minimising transportation miles.

### EMERGENCY

- › Available with standard or self test emergency with lithium batteries for extended lifetime.

### INSTALLATION

- › Suitable for conduit installation
  - › Suitable for surface installation
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## IMAGES

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### PRODUCT IMAGES



AME2 LED



AME2 LED with AME ELK

**PROJECT IMAGES**

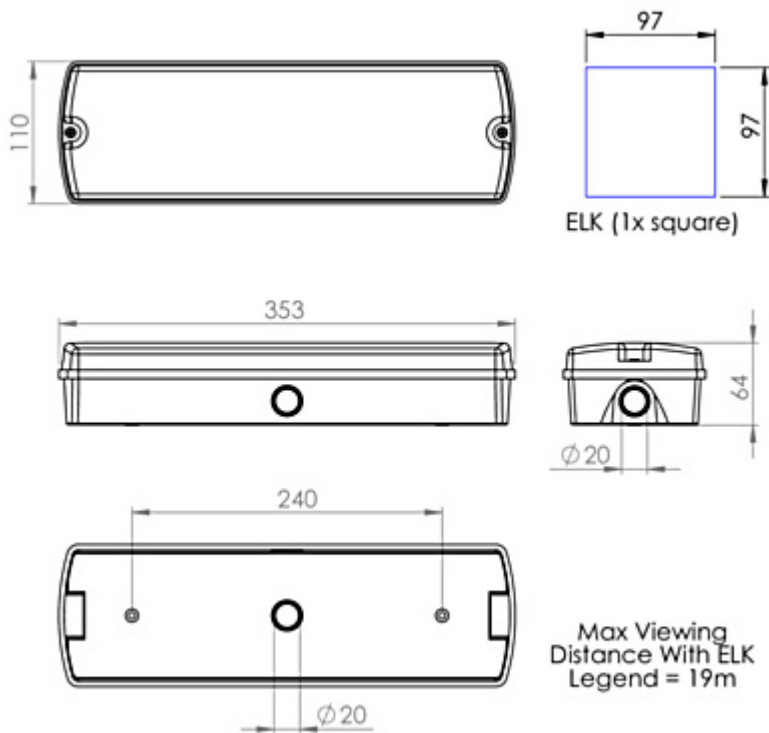


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TECHNICAL

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AME2

## WARRANTY

At Dextra our commitment to service has been at the forefront throughout our history spanning more than forty years in the UK lighting market. Our service ethos extends beyond design and delivery, we believe supporting your installation throughout the warranty period is equally crucial, whilst the strength and longevity of Dextra Group provides peace of mind that our warranty will be supported throughout.

The Dextra range is supplied with a five year warranty commencing from the date of delivery. During the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years drivers, emergency modules, wireless modules, sensors and LED circuits will be supplied free of charge to replace defective components, labour and other associated costs are not included.

Certain ranges and components are subject to exemptions:

- Lithium batteries are provided with a five year warranty. During the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years replacement batteries will be supplied free of charge to replace defective components. Five year warranty became effective as of 03/02/25, Lithium emergency luminaires supplied prior to this date are supported with a three year on site warranty only. Labour and other associated costs are not included. Nickel Metal Hydride and Nickel Cadmium batteries are provided with a one year warranty for parts and labour.

- Emergency luminaires including AME LED, EXI LED, EXI2 LED, EXI Track, HBE LED, HBE2 LED, OAT2 LED, OEZ LED and Twinspot with Nickel Metal Hydride batteries are supplied with a one year warranty for parts and labour. Lithium variants of these ranges are supplied with a three year warranty for parts and labour with the exception of the AME2, EXI3, HBE3 and TWS IP65 L7 ranges which are supplied with a one year parts and labour warranty. TWS IP65 L7 in autotest and wireless variants are supplied with the standard three year lithium battery warranty.
- Protec Micro, PTECF7 Fire Rated Downlights, Serenus and the Opus Sconce are provided with a five year replacement luminaire only warranty. Protec FR Fire Rated Downlights are provided with a 2 year replacement luminaire only warranty.
- Controls systems such as standalone sensors, switches, marshalling boxes and cabling are provided with a one year warranty for both parts and labour. DALI control systems are provided with a two year warranty for both parts and labour.
- LEDextra ranges are supplied with a three year parts or replacement luminaire only warranty with the exception of the IMPR RGBW, the Runway RGBW, the MOD RGBW, Tanek RGBW and the DexRing. These five ranges are supplied with our standard five year warranty during which defects within the first three years will be repaired on site and the warranty includes both parts and labour. For the final two years free of charge replacement components only will be supplied to rectify any failures but labour and other associated costs are not included.
- LEDEX ranges are supplied with a three year replacement luminaire only warranty.
- The Decorative Pendant ranges, Bebo, Dene, Nova, Fino and Stix are supplied with a 3 year replacement luminaire only warranty.

All warranties are subject to correct use of the product and will be invalidated by misuse, for example incorrect installation, unsuitable environmental conditions or incorrect maintenance. It is the duty of the customer to ensure that all the fault lies with the luminaire prior to requesting replacement parts or site repairs. In the event that no defect is found with the product our costs for attending site will be recharged to the customer and credit will not be issued against returned products. No consequential losses incurred resulting from any defect with our product will be reimbursed.

Given the nature of LED technology a small percentage of LEDs may fail during the lifetime of a luminaire, this does not cause a reduction in lumen output. As such LED luminaires are only deemed to be faulty for warranty purposes when in excess of ten percent of LEDs have failed in a single luminaire.

On site repair of products under warranty will be undertaken during normal working hours, 9am to 5pm Monday to Friday, and will require unrestricted access to luminaires. Where required Dextra will provide access equipment to carry out repairs at height, should luminaires have been installed in locations where reasonable provision for maintenance access has not been made we reserve the right to supply replacement product only. On site warranty repairs will only be undertaken on the mainland of the UK and Ireland, in all other locations replacement product only will be provided.

**If you require any assistance with regards to our products please contact our Customer Services department on 01747 858100.**

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## ORDER CODES

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### LUMINAIRE

Code	Description	Power
AME2 NM3 LE3	AME2, Lithium Non Maintained, Standard Emergency 3 Hour	1.0W
AME2 M3 LE3	AME2, Lithium Maintained, Standard Emergency 3 Hour	2.5W
AME2 M3 LS3	AME2, Lithium Maintained, Selftest Emergency 3 Hour	2.5W

All products are supplied with a 1 year battery warranty

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### MISCELLANEOUS

Code	Description
AME ELK	Emergency Legend Kit
AME ELK ISO	Emergency Legend Kit, ISO 7010

# AME2 M3/NM3 LE3/LS3 Installation Leaflet

Voltage: 220-240V / 50-60Hz  
 LED Power: 4.5W (1W for NM3)  
 Output: 460 lm (160 lm for NM3)  
 Battery: Li-FeP04 18650 3.2V 1500mAh  
 Operating Temperature: 0°C - 40°C

**WARNING - THIS LUMINAIRE MUST BE EARTHED**  
 This luminaire has been tested and is manufactured to comply with BS EN 60598 : specification for general requirements and tests. It should be installed by a suitably qualified person in accordance with IEE.  
**CAUTION:** there is a potential risk of electric shock from the LED boards when the product is operational with the cover removed.  
**NOTE:** INSTALLATION AND OPERATION OF THE LUMINAIRE BEYOND ITS SCOPE OF SUPPLY WILL INVALIDATE THE WARRANTY.



**BEFORE** installation, the electrical supply and battery pack **MUST** be disconnected.

1.

Remove the diffuser by loosening the two screws.

2.

Release the tray by pushing the tabs outwards. Pull the tray down, away from the body.

3.

Drill out the cable entry point on the rear of the housing. Ensure a suitable cable gland is used in order to maintain the IP65 rating.

4.

Drill through the two fixing points on the back face. Ensure the fixing points are adequately sealed in order to maintain the IP65 rating. Secure the luminaire with two screws.

5.

N	L	L1	- M3
IN 220~240V 50/60Hz			
N	L		- NM3
IN 220~240V 50/60Hz			

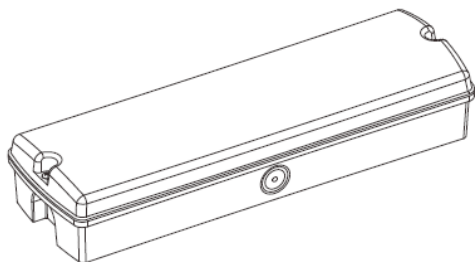
Pass the cable through the cable gland, and wire directly into the terminal block. Proceed to connect the battery.

6.

Refit the diffuser to the body, and secure in place using the two screws.



7.



Reconnect the power supply and check that the green LED indicator is illuminated. This green indicator confirms the battery is charging.

LS3 only:

Any faults with the luminaire will be displayed by a flashing red indicator.

Normal operation - Green indicator

Battery failure - Red indicator, **once every 3 seconds**

Lighting source failure - Red indicator, **twice every 3 seconds**

Less than rated duration time - Red indicator, **three times every 3 seconds**

8.

Self-Test (LS3 only):

Every month, the luminaire will undergo an automatic test which lasts for 10 minutes. An annual duration test will also occur for a total of 3 hours.

The luminaire will return to normal operation once the test has finished.

During testing, the battery is not charging and the red LED indicator will flash continuously.

9.

Do **NOT** cover the luminaire in any way and provide sufficient ventilation.

Installation is now complete.

EMERGENCY LIGHTING TEST RECORD CARD											
LOCATION....		Date Installed...				Installed by...					
TEST	MONTH	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	FUNCT										
2	FUNCT										
3	FUNCT										
4	FUNCT										
5	FUNCT										
6	FUNCT										
7	FUNCT										
8	FUNCT										
9	FUNCT										
10	FUNCT										
11	FUNCT										
12	3HOUR										