

LEMDW Emergency Lighting

Recessed Downlight

3HR
EMERGENCY

IP20
RATED

5 year
standard
WARRANTY

- SPECIFICATIONS:**

• **Input Voltage:**
AC220-240V 50/60Hz

• **Emergency Duration:**
>3 Hours

• **Recharge Time:** 24 Hours

• **Operating Environmental Temperature:** 0°C - 25°C

• **Battery:**
LEMDWBAT-02

UK
CA

CE







ENSURE ELECTRICAL SUPPLY IS DISCONNECTED/
ISOLATED BEFORE COMMENCING INSTALLATION

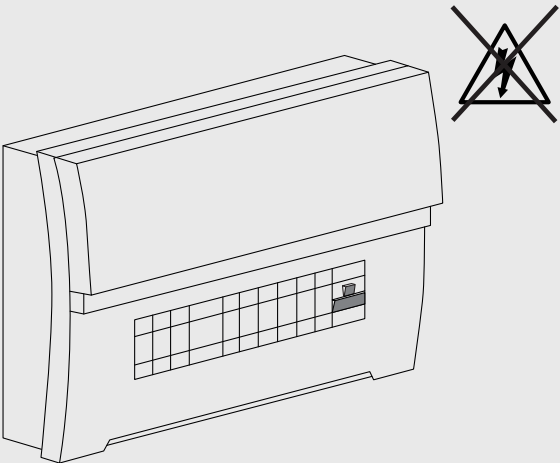
NOTE - To comply with regulations, installation must be carried out by qualified electrician and in accordance with the current IEE Wiring Regulations (BS7671) and Building Regulations

State	Color	LED indication	Status	Comment
	Green	Permanent green	Charging Mode Fully Charged	AC mode
	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
	Green	Slow flashing green (1 sec on, 1 sec off)	Duration test underway	
	Red	Permanent red	Load failure	Open circuit/ Short circuit Led failure (emergency mode)
	Red	Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery
		Green and red off	DC mode	Battery operation (emergency mode)

OPERATION

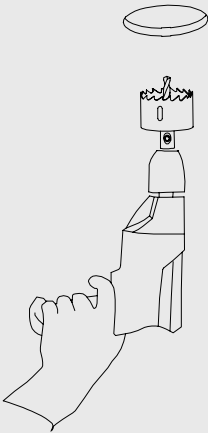
The luminaire should be connected to the mains supply for a minimum of 24 hours before operating in emergency mode as the batteries need to be fully charged before they will provide their full rated duration.

1



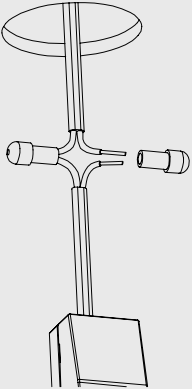
Make mains connection

2



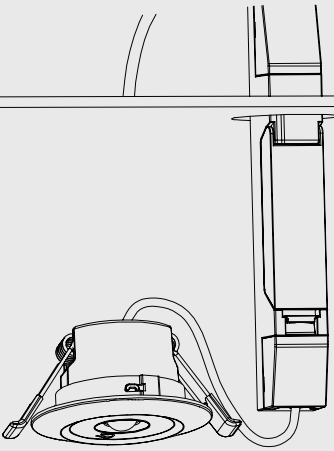
50mm Cut-Out

3



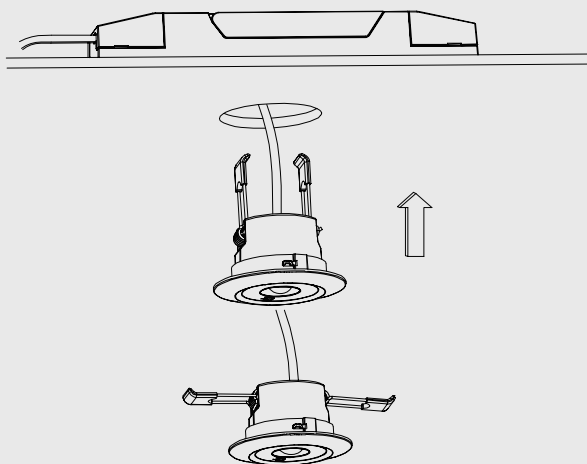
Make mains connection

4



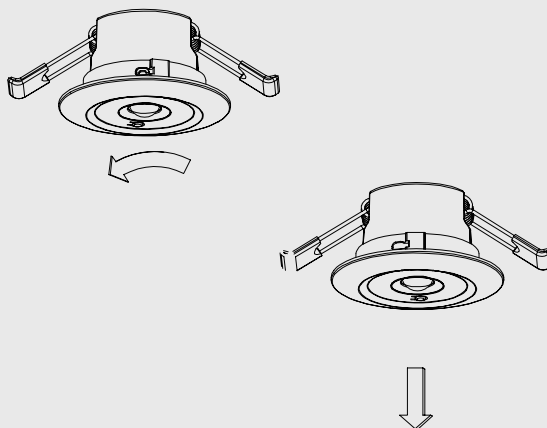
Insert gear pack into void

5



Install luminaire head

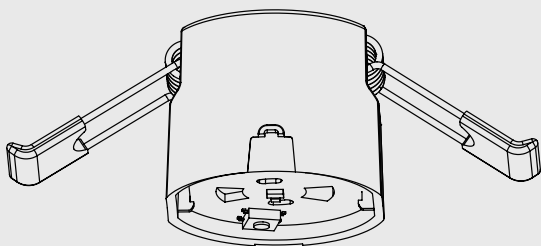
6



Changing the lens

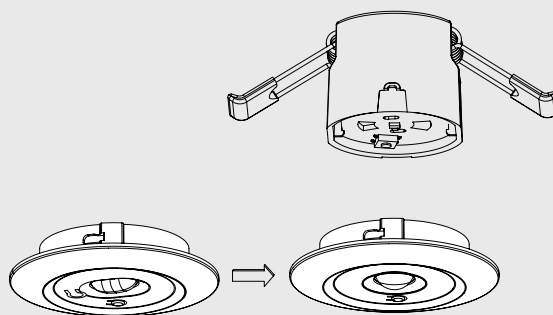
The bezel and lens assembly twist and pull to remove.

7



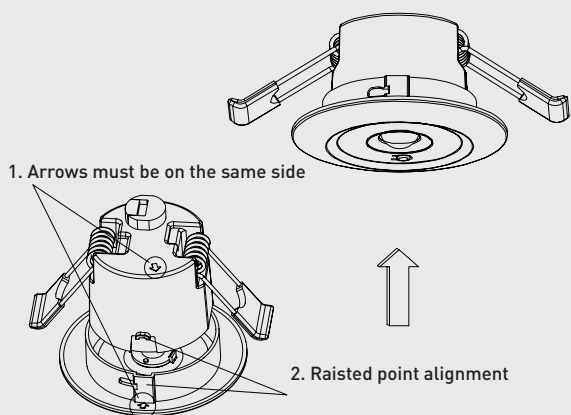
Replace cover with different colour

8



Replace lens with different distribution

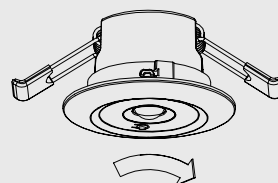
9



1. Arrows must be on the same side

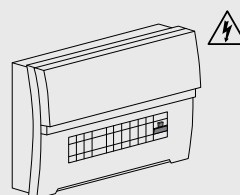
2. Raisted point alignment

10



1. The bezel and lens assembly rotate to lock
2. Mode change switch located on emergency module

11



Tech Help Line

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RECOMMENDED
ROUTINE PROCEDURE

The following test is designed to ensure the continued protection of your premises and occupants. Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing, all tests should, whenever possible, be undertaken at times of least risk, e.g. during daylight hours.

ONCE A DAY

Visual inspection of battery charge LED.

ONCE A MONTH

Each unit should be energized from its battery for about 30 seconds by simulation of a failure of the normal lighting supply to ensure the lamp operates in the emergency condition.

ONCE A YEAR

Each unit should be energized from it's battery for a 3 hour discharge test.

ROUTINE TEST RECORD

		First Year		Second Year		Third Year		Fourth Year		Fifth Year	
Month	Test	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	Function										
2	Function										
3	Function										
4	Function										
5	Function										
6	Function										
7	Function										
8	Function										
9	Function										
10	Function										
11	Function										
12	Function										