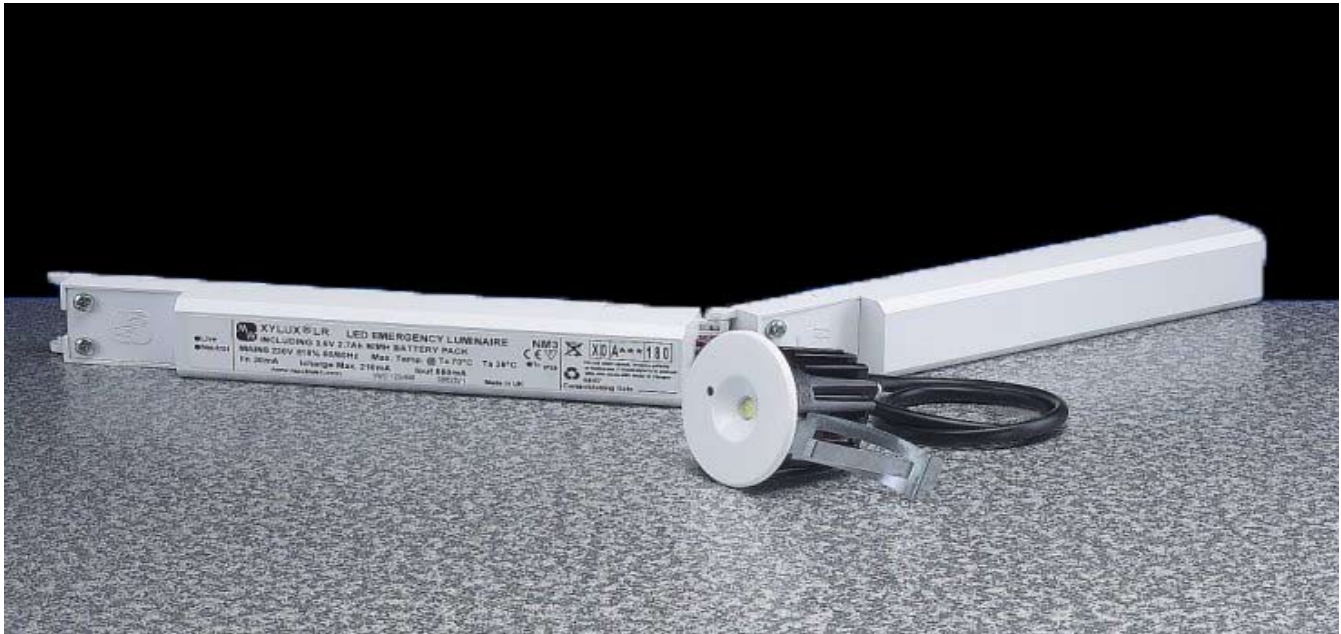


# LUX-LR

 Led Lighting Solutions Provider



3 watt NM self-contained fixture with white LED

Latest LED technology

Self testing features, to IEC 62034, plus audible alarm

16 hour charge, 3 hour duration

In built reflector design achieves efficient output

Mounting recessed into 42 mm minimum hole

45 mm deep, 50 mm diameter bezel

SmartCharge intermittent charging reduces battery temperature

Recessed mounting brackets included

Incorporates 3.6 volt 2.2 Ah HT NiMH battery pack

CE Marked - 3 year Warranty - F Marked

The indicator provides information on the status of the unit as follows:

LED green 10 second blink:	Normal standby mode: Mains connected, charging, battery and power LED satisfactory
LED green slow flash:	Commissioning mode or Duration Test in progress
LED green fast flash:	Functional Test in progress
LED off:	Mains not connected
LED red slow flash:	Battery or charging system faulty
LED red fast flash:	Defective power LED

#### Audible Alarm

An audible alarm will sound if a fault is found during test and will continue to give 3 beeps every 35 minutes until the fault is rectified and the unit is reset.

#### Supplementary Spacing details for 5m height: ED38-LUX LR when using 550 mA LED

1 lux	0.5 lux	0.2 lux
5.7 m	8.9 m	13.5 m

LUX-LR

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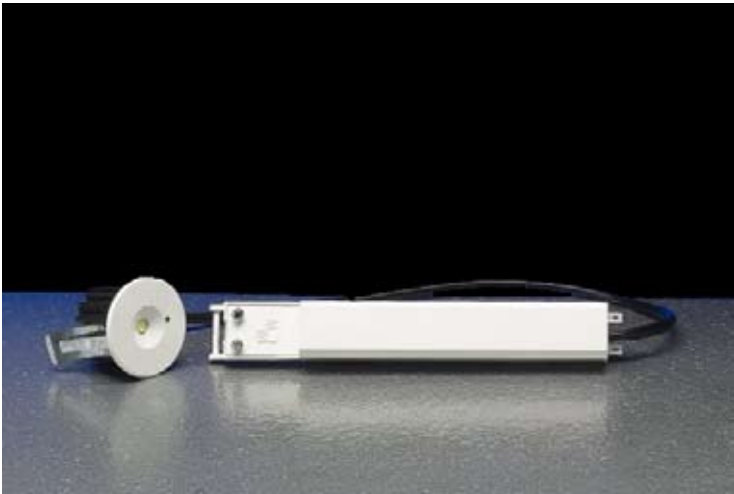
# LUX-LR

The unit is recessed into a 42 mm diameter cut out, using the mounting brackets included.

The product provides full AutoTesting in accordance with IEC 62034. This includes a commissioning period, 30 second functional test monthly, full duration test annually. The commissioning period consists of 24 hour charge, 3 hour duration test, 24 hour charge. If any segment is interrupted, the segment will repeat in full. After 26 hours, the unit will automatically go into intermittent charge mode. Continuous charging for 26 hours will be repeated after any function. Commissioning will be repeated if the power is off for more than 7 days.

When the unswitched live and neutral are connected, the high power LED will light momentarily and the green indicator will light to show that the battery is receiving a charge. After 3 hour usage, and a period of 16 hours the unit will be capable of achieving a 3 hour emergency duration.

Reference ED38-LUX® LR Emergency Luminaire	
Light source	3 Watt White LED, running at 2 watts, 550 mA
Average Lumen Output	148 lumens
Emergency Duration	3 hours
Mains Voltage:	230 Volts ± 10% AC 50 Hz / 60Hz
Mains Current	30 mA max
Recharge period	16 hours
Charge Current:	210 mA nominal, intermittent less than 10% cycle.
Battery Discharge Current	Refer to Technical Department
Power LED Current	550 mA
Charge Indicator	Integral bi-colour LED
Changeover Voltage	In compliance with BS EN60598-2-22
<b>Temperature Rang</b>	
Module box	70 °C
Ambient	0 °C - 35 °C
Battery	50 °C
<b>Dimensions, mm</b>	
Unit	Diameter 50 mm x Height 45 mm
Cut out	42 - 44 mm diameter minimum
Minimum void depth	160 mm
Module & Battery Boxes	L415 mm x W29 mm x H26.2 mm (articulated)
Weight	Module and battery boxes: 240 g.
	Lamp Head: 80 g.
F Marked	IP Rating: IP30



## Order Details

### Description Code

LUX-LR-230 Emergency Luminaire

We reserve the right to make changes at any time in order to maintain the highest product quality.

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LUX-LR REV-A SEP-2009

