

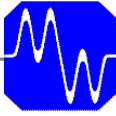


## EXIT model 94






### *High Technology Emergency Lighting* XYLUX® LR Emergency Luminaire



- 3 watt NM self-contained fixture with white LED
- Latest LED technology
- Self test features, to IEC 62034
- 16 hour charge, 3 hour duration
- In built reflector design achieves efficient output
- Mounting recessed into 42 mm hole
- 45 mm deep, 50 mm diameter bezel
- SmartCharge reduces battery temperature
- Recessed mounting brackets included
- Incorporates 3.6 volt 2.7 Ah NiMH battery pack
- Spacing tables for 1 lux, 0.5 lux, and 0.2 lux available on our web site
- CE Marked – three year warranty








Spacing table for level escape routes

Mounting Height [m]					
2.00	2.97	6.92	6.92	6.92	2.97
2.50	3.20	7.87	7.87	7.87	3.20
3.00	3.33	8.66	8.66	8.66	3.33
3.50	3.38	9.13	9.13	9.13	3.38
4.00	3.36	9.47	9.47	9.47	3.36

The spacing table is based on the following parameters:

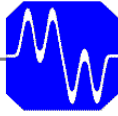
- Maintenance factor: 0.95
- Emergency lighting factor: 1.00
- Minimum light intensity on centre line: 0.50 lx
- Minimum light intensity on half of escape route width: 0.25 lx
- Uniformity on the centre line max. 40 : 1
- Width of escape route: 2.00 m

Spacing table for level escape routes

Mounting Height [m]					
2.00	2.30	5.94	5.94	5.94	2.30
2.50	2.41	6.48	6.48	6.48	2.41
3.00	2.34	6.76	6.76	6.76	2.34
3.50	2.27	6.88	6.88	6.88	2.27
4.00	2.04	6.86	6.86	6.86	2.04

The spacing table is based on the following parameters:

- Maintenance factor: 0.95
- Emergency lighting factor: 1.00
- Minimum light intensity on centre line: 1.00 lx
- Minimum light intensity on half of escape route width: 0.50 lx
- Uniformity on the centre line max. 40 : 1
- Width of escape route: 2.00 m



## The Mackwell XYLUX® LR Emergency Luminaire

Mackwell introduce the XYLUX® LR emergency luminaire, comprising 50 mm diameter lamp unit, containing charge indicator and white power LED, with articulated remote box enclosing non-maintained driver, charger, and battery.

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

The product provides full AutoTesting in accordance with IEC62034. This includes a commissioning period, 30 second functional test monthly, full duration test annually. 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.

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

### Reference

Light Source	3 Watt White LED
Average Lumen Output	64 lumens
Emergency Duration	3 hours
Mains Voltage	230 Volts $\pm$ 10% 50Hz/60Hz
Mains Current	34 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	Refer to Technical Department
Charge Indicator	Integral bi-colour LED
Changeover Voltage	In compliance with BS EN60598-2-22
Temperature Range	
Module box	70 °C
Ambient	35 °C
Battery	50 °C
Dimensions, mm	
Unit	Diameter 50 mm x Height 45 mm
Cut-out	42 mm diameter
Module & Battery Boxes	L415 mm x W 29 mm, H 26.2 mm (articulated)
Weight	Module and battery boxes: 254 g, Lamp Head: 71 g

We reserve the right to alter specifications without prior notice.

MW172 13/02/2008