



# XYLUX LD5

High Performance Self-Contained Emergency LED Luminaire



## XYLUX® LD5



145 Lumens



3 Hours



SELV



3 cell NiMH

### Self-Contained Emergency LED Luminaire



### Self-Contained LED Emergency Luminaire for Surface Mount or Recessed Applications

The XYLUX LD5 is a high performance self-contained LED emergency luminaire supplied with two snap-in optics for Open-Area and Escape Route distribution. XYLUX LD5 LED luminaire incorporates a LED module, a 3.6V 1.7Ah NiMH battery pack and a deep discharge protection circuit.

The unit can be surface mounted or recessed into a 105mm – 110mm cut out using mounting brackets provided. XYLUX LD5 offers an efficient alternative to the 8W fluorescent bulkhead.

#### Key features:

- Snap-in optical lenses for both Open-Area and Escape Route applications
- Suitable for surface mount or recessed installation
- Various technology options available
- Integral charge indicator
- Integral test switch
- In-built reflector design achieves efficient output
- SmartCharge™ technology
- 3 hours emergency duration
- Incorporates a 3-cell NiMH battery pack
- Available in black or white
- Designed and manufactured in the UK



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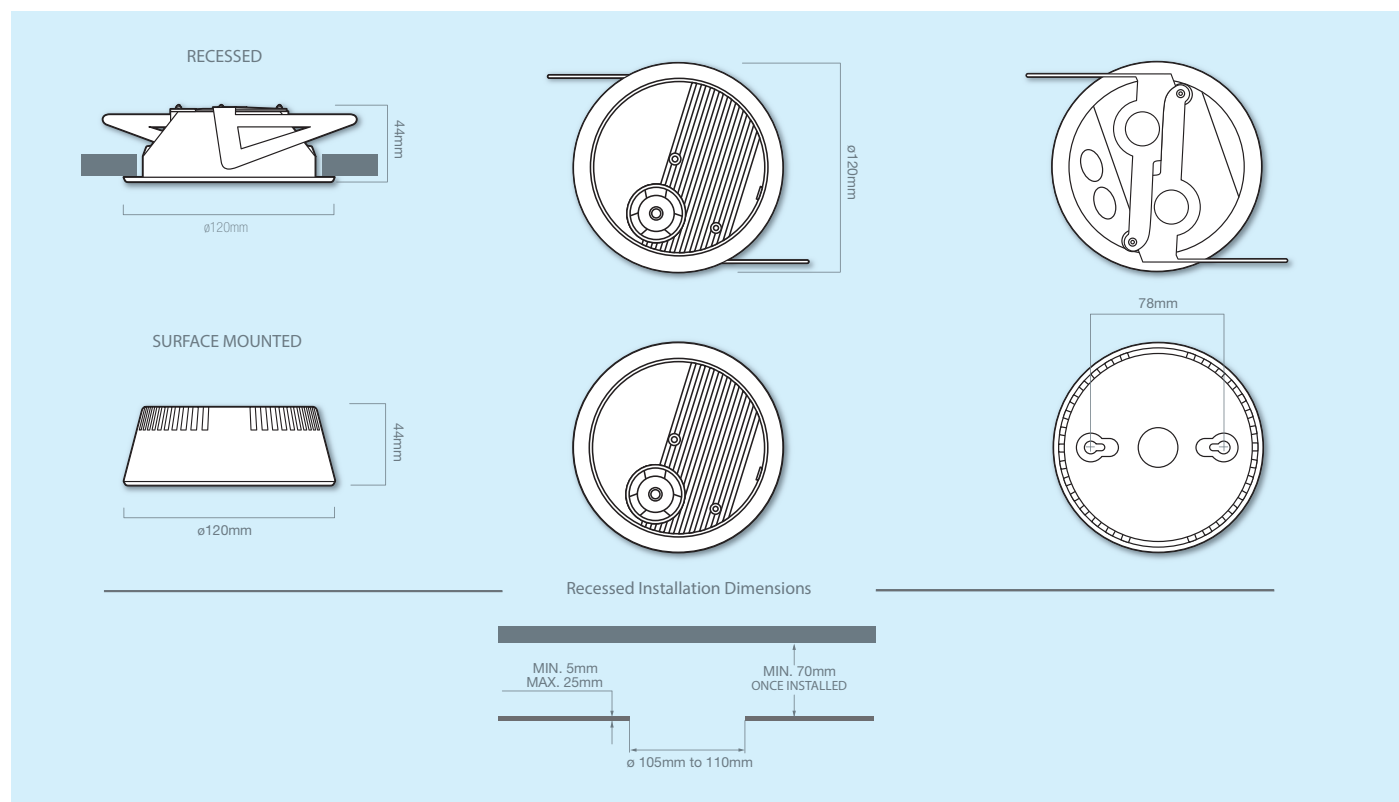




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## Dimensions



### Luminaire Specification

Luminous flux (nominal)	: 145 lm
Supply voltage	: 230 V
Supply frequency	: 50/60 Hz
Supply current (max)	: 35 mA
Power factor	: 0.44
Total circuit power	: 3.4 W
Charge current (nominal)	: 100 mA
Ambient temperature (ta)	: 0°C to +35°C
Protection Class	: Class II
CCT	: >6300K
Conductor size	: 2.5mm <sup>2</sup> max
Emergency duration	: 3 hours
Recharge period	: 24 hours
Weight	: 246g
IP rating	: IP40

### Charge Indicator

Integral bi-colour LED

### Relevant Standards

EN 60598-2-22  
BS 5266-1  
EN 62034  
EN 62386  
EN 62031  
EN 62471

### Batteries

The luminaire includes a rechargeable 3.6V 1.7Ah NiMH battery pack for 3 hours operation.

### Technology Features

SmartCharge™ applies an intermittent charging duty cycle designed for use with NiMH batteries. This provides energy efficient charging maintenance, reduced operating temperatures and optimum service life of NiMH batteries.



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## Spacing information

Open-Area (based on min. 0.5 lux)

Mounting Height (m)	Distance Luminaire to Luminaire (m)	Distance Luminaire to wall (m)
2.5	13.90	6.80
2.8	15.40	3.20
3.0	15.00	3.10
4.0	8.90	3.00

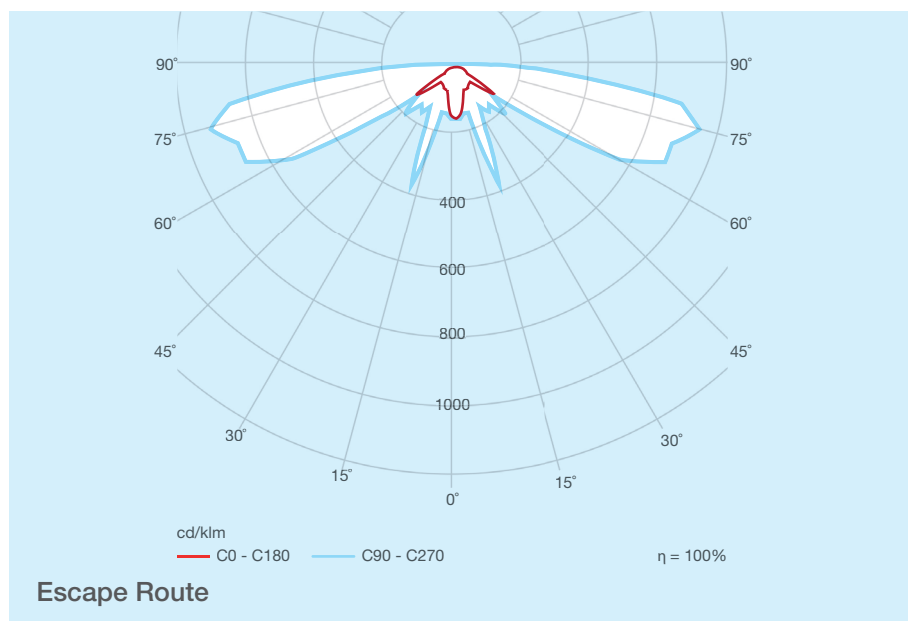
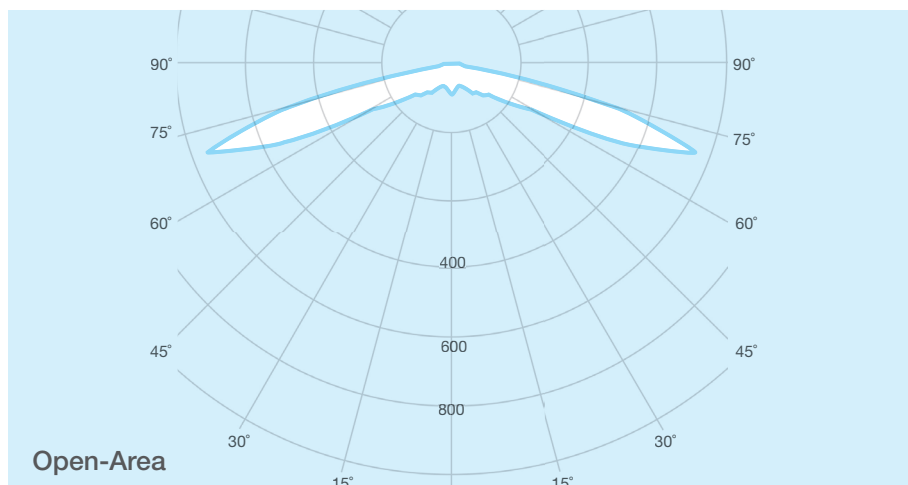
Escape Route Area (based on min. 1 lux)

Mounting Height (m)	Distance Luminaire to Luminaire (m)	Distance Luminaire to wall (m)
2.5	15.30	3.00
2.8	13.00	3.10
3.0	12.60	3.20
4.0	8.60	3.00

The spacing tables are provided as a guide only.

Due to the nature of creating generic lighting schemes, all schemes should be simulated or calculated in full, representing as accurately as possible the final application, and ensuring compliance with local regulations.

## Photometric details



XYLUX LD5 is available with the following technology options:

### Standard

For applications where self-testing is not required or suitable, the non-AutoTest® option provides the same quality and performance expected of Mackwell products, without the AutoTest® feature.

### DALI AutoTest®

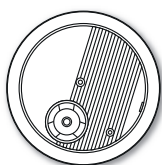
Provides further benefits by enabling testing and monitoring of an emergency lighting system either on-site or via an internet connection. DALI AutoTest® is ideal for monitoring larger buildings and multiple sites.



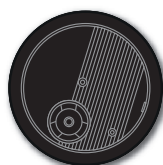
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## Lamphead colour options



White



Black

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### Order codes

#### Standard

Order Code	Description
9005382	XYLUX LD5 White
9005622	XYLUX LD5 Black

#### DALI

Order Code	Description
9001610	XYLUX LD5 White
9005296	XYLUX LD5 Black

Each XYLUX LD5 is supplied with both Open-Area and Escape Route snap in optics.



#### WARRANTY

This product is warranted for three years and covers faulty workmanship and materials. This "Return to Base" warranty requires that the product is used within the terms and conditions stated above, in our literature and on our website. Products returned to us under warranty must be carriage paid. Mackwell Electronics Ltd. accept no liability for cost incurred.

Mackwell maintains a policy of continuous development and reserves the right to change the details shown on this data sheet without prior notice.

The contents are intended for guidance only.

Company Reg No: 1414873. VAT Reg No GB330230618



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