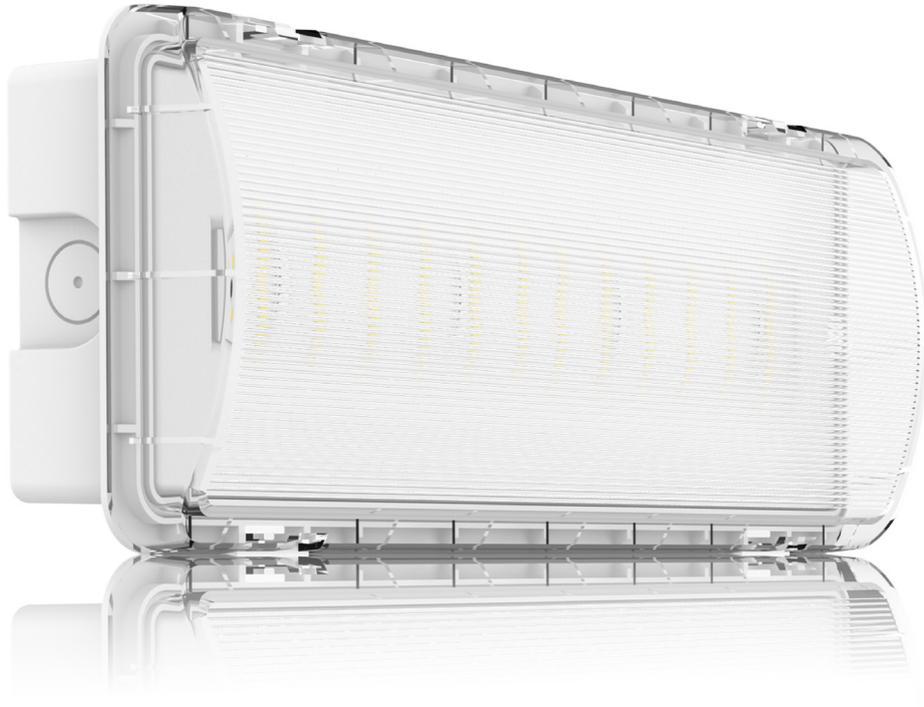




# XYLUX BHDX

High Performance Emergency Bulkhead Luminaire



Images are for illustrative purposes only

## XYLUX® BHDX



Emergency LED Luminaire



### LED Emergency Bulkhead for areas where high outputs are needed

The XYLUX BHDX is a versatile bulkhead luminaire, for multiple applications. Suitable for ceiling and over door mounting the XYLUX BHDX provides safe evacuation from the building. The durable IP65 and IK07 housing ensures the product is protected from dust, dirt and water to offer efficient and impressive performance in challenging environments.

#### Key features:

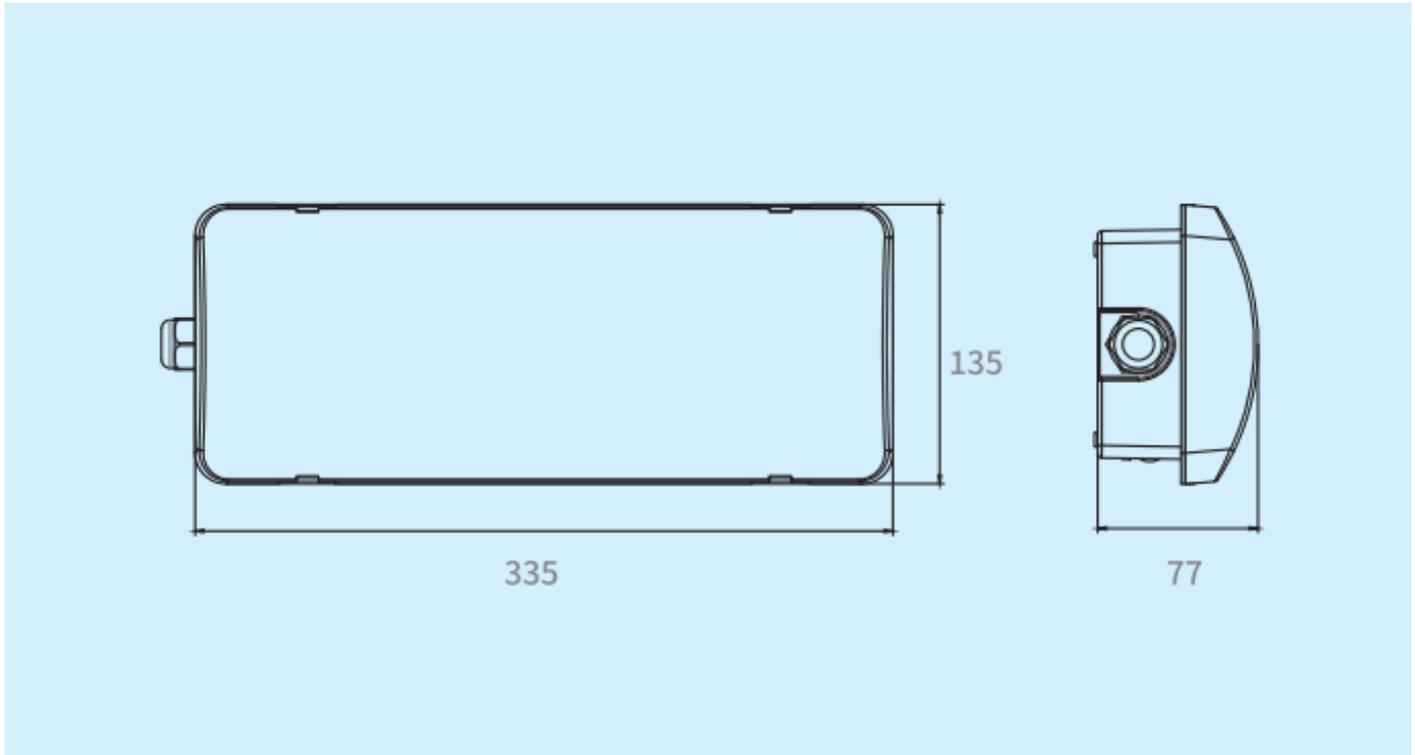
- up to 1170 lumen output
- IP65 protection as standard
- IK07 - High impact resistance
- Maintained or Non-Maintained operation
- Integral status indicator
- Recessed Mounting option available
- DALI-2 level interoperability\*
- Wireless (N-Light AIR), DALI-2\*, DALI, Autotest and Standard technology options available
- Easy installation with push terminals
- In White & Black as standard
- Comes with legend pack - 24m viewing distance



# XYLUX BHDX

High Performance Emergency Bulkhead Luminaire

Dimensions (mm)



## Specifications - XYLUX BHDX

Lumen output	:	649lm
Supply voltage	:	220 - 240 V
Supply frequency	:	50/60 Hz
Supply current	:	max. 80mA
Power factor	:	>0.75
Input power (max)	:	9 W
Ambient temperature (ta)	:	0°C to +45°C
Protection class	:	Class II
Conductor size	:	0.75 to 1.5mm <sup>2</sup>
Emergency duration	:	3 hours
Recharge period	:	24 hours
IP rating	:	IP65
IK Rating	:	IK07
CCT	:	5000 K
Weight of luminaire	:	max. 1,250 g

## Relevant Standards

EN 55015	BS 5266-1
EN 61000-3-2	EN 62034
EN 61000-3-3	EN 62386
EN 61547	EN 62031
EN 60598-2-22	EN 62471

## Specifications - XYLUX BHDX-HO

Lumen output	:	1170lm
Supply voltage	:	220 - 240 V
Supply frequency	:	50/60 Hz
Supply current	:	max. 120mA
Power factor	:	>0.75
Input power (max)	:	18 W
Ambient temperature (ta)	:	0°C to +45°C
Protection class	:	Class II
Conductor size	:	0.75 to 1.5mm <sup>2</sup>
Emergency duration	:	3 hours
Recharge period	:	24 hours
IP rating	:	IP65
IK Rating	:	IK07
CCT	:	5000 K
Weight of luminaire	:	max. 1,250 g

## Technology Options

### Standard

For applications where self-testing is not required or suitable, the non-AutoTest<sup>®</sup> option provides the same quality and performance expected of Mackwell products.

## Autotest

Autotest allows the luminaire to perform self-tests and indicate the results via status LED. This simplifies all testing procedures and allows easier achievement of compliance.

## DALI & DALI-2\*

DALI provides benefits by enabling testing and monitoring of an emergency lighting system via a standardised protocol, either on-site or via an internet connection. DALI is ideal for monitoring larger buildings and multiple sites. DALI-2 is the new generation of the standard that has now been extended to include emergency lighting. This improves interoperability and in future will introduce sophisticated diagnostic capabilities. All DALI products default to standalone AutoTest when not connected to a DALI network.

## N-LIGHT AIR Wireless

Wireless emergency lighting allows devices to communicate through radio waves instead of hard-wiring. This makes it particularly attractive for retrofitting existing buildings, and increases flexibility when adding, removing, and replacing devices. Mackwell products suitable for N-LIGHT AIR use an 868MHz mesh topology which allows for long distances to be achieved between devices.



# XYLUX BHDX

High Performance Emergency Bulkhead Luminaire

Order codes

Order Code	Description
9006618	XYLUX BHDX NA
9006619	XYLUX BHDX AT
9006620	XYLUX BHDX DA
9006621	XYLUX BHDX-HO NA
9006622	XYLUX BHDX-HO AT
9006623	XYLUX BHDX-HO DA

Order Code	Description
9006624	XYLUX BHDX Recessed Accessory

## Notes

- NA=Non Autotest, AT=Autotest, DA=DALI/DALI-2\*
- Wireless versions on request
- Central battery versions on request
- Black Versions on request
- Legends included with all codes



\* DALI variants are available now. The DALI-2 version are currently under development.

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.

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