

# LEDTEC

## 60W LBH BULKHEAD

### TECHNICAL DATA SHEET

Robust, reliable, indestructible. Purposely built with a universal mount to make it the ideal lighting option for retrofitting most bulkheads currently found across mine and industrial sites. The fixture also features multiple entry points, an easily accessible terminal block, and a removable body to allow for ease of installation, which minimises disruptions to work on site and maximises efficiency.

#### Areas for Application

- Walkways
- High Masts
- Stairwells
- Tunnels
- Conveyors
- Exit Routes
- Loading Docks



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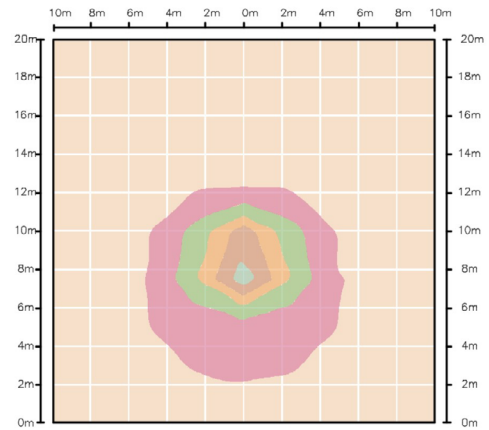
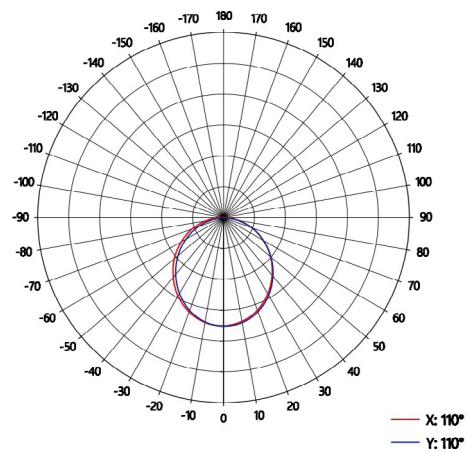
## TECHNICAL SPECIFICATIONS

Product		Material, Finish & Environmental	
Mains Powered Model	LBH 60W	Ingress Protection Rating	IP66
Emergency Model	LBH 60W-E	Impact Rating	IK09
Luminaire Information		UV Resistance	UV Resistance coating applied
Rated Power	60W	Cable Entry Options	2 x M20 or 4 x M20
Luminous Flux	8,500lm (standard & emergency)	Mounted Height	0-30 metres
Light Efficacy	133lm/w	Material Composition (Body)	Aluminium Alloy & Black Powder Coating
Correlated Colour Temperature	5000k standard (2700 - 6500K optional)	Material Composition (Bracket)	SPCC & Black Powder Coating
Colour Rendering Index	>70Ra excluding amber	Material Composition (Optical)	Polycarbonate
LED Chip	Cree	Weight & Packaging	
Fixture Installation	Bracket Mounting Pole Mounting	Standard (without adaptor plate)	4.5kg
Mounted Height	0-30 metres	Standard (with adaptor plate)	5.1kg
Electrical Characteristics		Emergency (without adaptor plate)	4.7kg
Operating Voltage Range	90-305VAC 24 & 48VDC	Emergency (with adaptor plate)	5.3kg
Operating Temperature Range	-40° ~ +50°c (standard) 0° ~ +50°c (emergency)	Product Dimensions (Without Adaptor Plate)	L315 x W245 x D126.5mm
Frequency Range	47-63Hz	Product Dimensions (With Adaptor Plate)	L315 x W245 x D143mm
Power Factor	0.96/230VAC 0.99/120VAC	Built-In Emergency Module	
Input Current	0.261A/230VAC	Parameter	
Surge Protection	20KV	Charge Time	>= 24hrs
Inrush Current	Cold start 75A at 230V	Battery Type	Li-Fe
Driver Type	Inventronics	Discharge Time	4W 3hrs
Driver Installation	Built-In	Warranty	
Efficiency	>90%	Warranty	
LED Life Expectancy	50,000 - 70,000hrs	5 years	
Emergency Lighting	Optional		

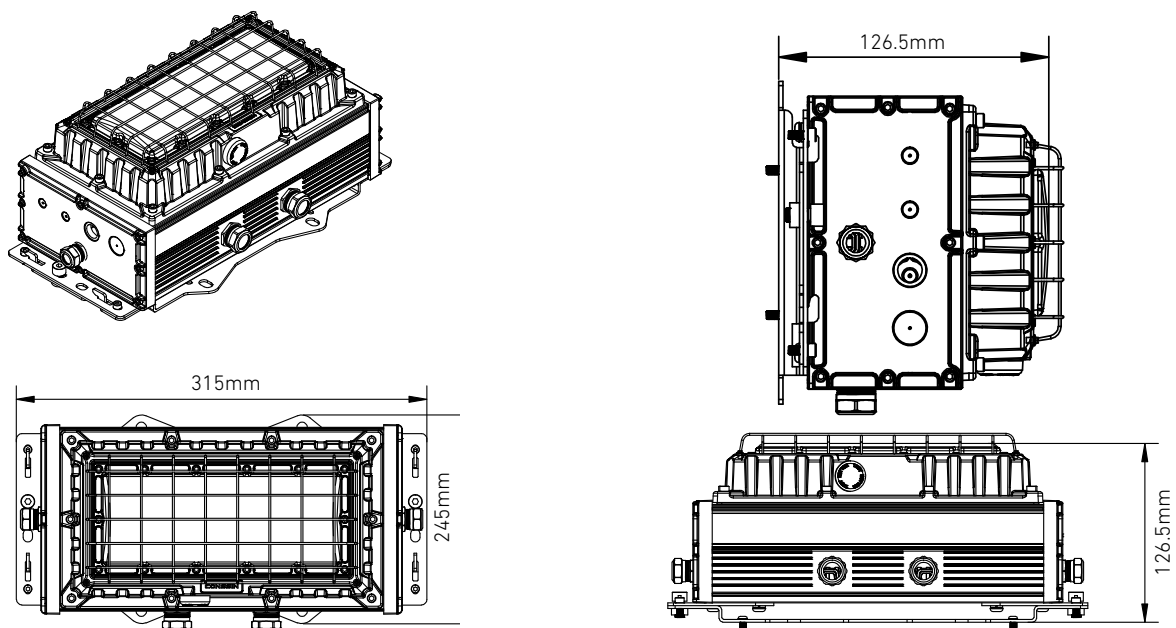
## EMERGENCY BULKHEAD

If required, the LBH bulkhead utilises a solid state integral emergency module. The emergency power is delivered by LifePO4 cells with a host of intelligent management circuitry. Operational ready tests are completed on a regular basis to ensure that emergency lighting is available when necessary. An inbuilt processor warns the user if attention is required which enables operators to maximise efficiency of their time on site, making it the ideal industrial mining emergency LED fixture.

## LIGHT DISTRIBUTION DIAGRAM



## DIMENSIONS WITHOUT ADAPTOR PLATE



## DIMENSIONS WITH ADAPTOR PLATE

