



**NORLAND
LIGHTING®**



Management System
ISO 9001:2015
www.norland.com
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JBLS-LB LED

OVERVIEW

The JBLS - LB LED luminaire is a specialized low bay industrial vapour proof fitting for use in non-hazardous applications. The sleek design with a flush fitting lens is ideal for use in mining applications and public buildings and underground parking

areas where height is a concern. The JBLS - LB is a high lumen output linear fitting with a highly polished aluminium reflector that can be supplied in a variety of lengths and wattages (28W to 90W) to suit most applications. This versatile, robust,

IP65 LED luminaire, with a broad range of ambient operating temperatures and amperages is manufactured from compression moulded glass fibre reinforced polyester. and a 4mm clear tempered glass lens.

APPLICATIONS



INDOOR
AREAS



OUTDOOR
AREAS



SPORTS
FACILITIES



INDUSTRIAL
ENVIRONMENTS

INDUSTRIAL • LINEAR • LOWBAY

PERFORMANCE

Model	2ft 600mm	2ft 600mm	4ft 1200mm	4ft 1200mm	5ft 1500mm	5ft 1500mm
Wattages	28W	36W	53W	68W	64W	90W
	500mA	530mA	500mA	350mA	500mA	350mA
Nominal Lumens	4490	5918,4lm	8713lm	11179lm	10308lm	14496lm
System Lumens	3808lm	4896lm	7208lm	9248lm	8704lm	12240lm
System efficacy lm/W	136lm/W	136lm/W	136lm/W	136lm/W	136lm/W	136lm/W
Emergency Operation	6W @1hour 822lm EM version only					

LED AND OPTICS

Optics	120°	120°	120°
Expected lifetime	>50000	>50000	>50000
L70 rating @ 25C	>50000	>50000	>50000
Colour Rendering Index RA	>80	>80	>80
Colour Temperature	4000K	4000K	4000K
	3000K; 5000; 6500 available on request		

ELECTRICAL AND OPERATING

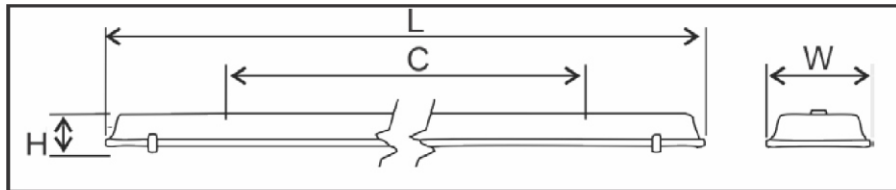
Driver	LED Constant, Selectable Current					
Operating temperature	-15°C - +35°C					
Input voltage/Frequency	220V-240VAC ± 10%, 50/60Hz					
Input Current	0,134A @28W	0,173A @36W	0,254 @53W	0,326 @68W	0,307 @64W	0,432 @90W
Power Factor	>0.96					
Surge Protection	2kV L/N to PE, 1kV L to N					
Other options	Through wired version available on request					

PRODUCT MATERIALS AND HANDLING

Housing	DMC compression moulded reinforced glass fibre
Lens	Clear polycarbonate
Lens Colour options	Clear - Other colour options on request
Gasket	Silicone sponge gasket
Finish	Gray
Ingress Protection	IP65
IK Rating	IK08
Mounting Options	Wall, Pole and Ceiling

CERTIFICATIONS. STANDARDS	NON EX
WARRANTIES	Complies to SANS 60598-1

DIMENSIONS



DIMENSIONS AND PACKAGING

Model	JBLS-LB 2ft	JBLS-LB 4ft	JBLS-LB 5ft
Wattage	28W; 36W	53W; 68W	64W; 90W
Dimensions mm (LxWxH)	700x172x40mm	1310x172x40mm	1610x172x40mm
Weight Kg (Unit/packaged/gross)	4kg / 4,2kg	5kg / 5,2kg	7kg / 7,2kg

ACCESSORIES

Pole clamp Bracket
Double entry on request only
Metal Gland on request

PHOTOMETRIC PERFORMANCE:

As photometric data and IES files differ according to the selected optics and wattages, these are available on request

LIGHTING DESIGN SERVICES:

On request we can do lighting design for your application.

WARRANTY:

Warranty 5 years

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