



**NORDLAND
LIGHTING®**



Management System
ISO 9001:2015
www.nlx.com
ID: 818608723



JBLS LED

OVERVIEW

The JBLS LED luminaire is a high-performance industrial vapour proof fitting. Commonly used in public buildings and underground parking areas in all sectors of the economy this robust, high lumen output linear fitting, can be supplied in a variety of lengths and wattages (28W to 90W)

to suit any application and providing flexibility in mounting heights. The luminaire is manufactured from compression moulded glass fibre reinforced polyester. and a polycarbonate lens. This versatile, robust IP65, IK08 luminaire with a

broad range of ambient operating temperatures and 2Kv surge protection, is ideal for use in any indoor application. A 6W emergency option with a 1-hour operating time can be supplied in an EM version luminaire.

APPLICATIONS



INDOOR
AREAS



OUTDOOR
AREAS



SPORTS
FACILITIES



INDUSTRIAL
ENVIRONMENTS



OIL AND GAS



WASHBAYS

LINEAR • WORKSHOP • WAREHOUSING

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, 3000K, 5000K	4000K, 3000K, 5000K	4000K, 3000K, 5000K
	6500K available on request		

ELECTRICAL AND OPERATING

Driver	LED Constant, Selectable Current					
Operating temperature	-15°C - +35°C					
Input voltage/Frequency	220V-240VAC \pm 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	>0.95					
Surge Protection	2kV L/N to PE, 1kV L to N					
Other options	Through wired version available on request					

PRODUCT MATERIALS AND HANDLING

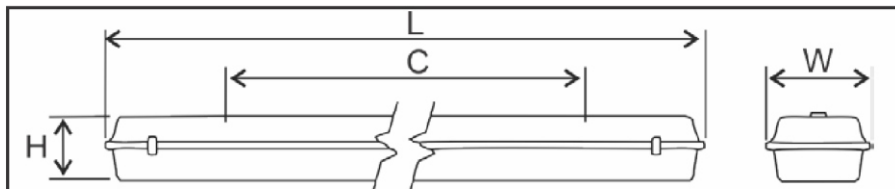
Housing	DMC compression moulded reinforced glass fibre
Lens	Clear polycarbonate
Lens Colour options	Clear - Other colour options on request
Gasket	Silicone sponge gasket
Finish	Gray
Ingress Protection	IP65
IK Rating	IK08
Mounting Options	Wall, Pole and Ceiling

**CERTIFICATIONS. STANDARDS
AND WARRANTIES EX**

NON EX

Complies to SANS 60598-1

Complies to SANS 1464-22 (EM Version)

DIMENSIONS**DIMENSIONS AND PACKAGING**

Model	JBLS - LB 2ft	JBLS - LB 4ft	JBLS - LB 5ft
Wattage	28W, 36W	53W, 68W	64W, 90W
Dimensions mm (LxWxH)	700 x 172 x 60mm	1310 x 172 x 60mm	1610 x 172 x 60mm
Weight Kg (Unit / packaged)	4kg / 4,2kg	5kg / 5,kg	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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Nordland reserves the right to change any specification or design without prior notice.