



**NORDLAND
LIGHTING®**



JBF-LT LED

OVERVIEW

The JBF-LT LED luminaire is a high performance industrial vapour proof fitting is manufactured with a flame retardant DMC glass fibre reinforced polyester housing designed for use with T8 LED tubes in non-hazardous environments.. Commonly used in public buildings and underground parking areas in all sectors of the

economy this robust, IP65,IK08 linear fitting, can be supplied in a variety of lengths and wattages ranging from 18W to 48W to suit any application. The luminaire is manufactured from compression moulded glass fibre reinforced polyester and a polycarbonate lens.. This versatile, high lumen output luminaire, with a

broad range of ambient operating temperatures and an inline fuse for surge protection ,makes the JBF-LT LED ideal for use in any indoor application. A 9w ,18W and 24 W emergency option with a 1 hour operating time can be supplied in the EM version of this luminaire.

APPLICATIONS



INDOOR
AREAS



OUTDOOR
AREAS



SPORTS
FACILITIES



INDUSTRIAL
ENVIRONMENTS



MINING AND
SURFACE AREAS



OIL AND GAS



WASHBAYS

LINEAR • WORKSHOP • WALKWAY

PERFORMANCE

Model Name	JBF-LT 2ft 2x9W	JBF-LT 4ft 2x18W	JBF-LT 5ft 2x24W
Wattages	18W	35W	48W
Nominal Lumens	2160lm	4320lm	5760lm
System Lumens	1800lm	3600lm	4800lm
System efficacy lm/W	100lm/W	100lm/W	100lm/W
Emergency Operation	9W @1hour EM version	18W @1hour EM version	24W @ 1hour EM version

LED AND OPTICS

Optics	120° deg standard
Expected lifetime	>30000
L70 rating	>30000 @25C L70 B10
Colour Rendering Index RA	>80
Colour Temperature	4500K

ELECTRICAL AND OPERATING

Driver	AC to DC Converter
Operating temperature	-10°C - +45°C
Input voltage/Frequency	110 - 240VAC and VDC \pm 10%, 50/60Hz (110V 4ft & 5ft only)
Input Current	0,08A @18W 220VAC; 0,164 @36W 110VAC
Power Factor	>0.96
Surge Protection	Inline Fuse
Other options	Through wired version available on request

PRODUCT MATERIALS AND INSTALLATION

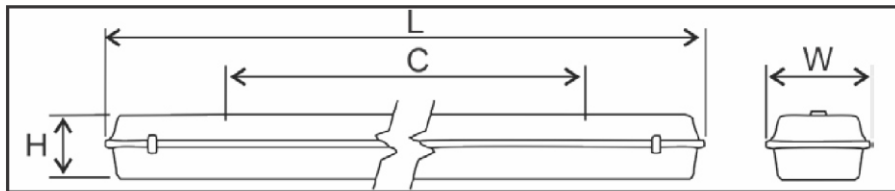
Housing	DMC compression moulded flame retardant reinforced glass fibre
Lens	Clear Polycarbonate, Secured with Stainless steel clips
Gasket	Extruded rubber silicone cemented into body
Finish	Beige DMC (Dough mould compound) Fibreglass Reinforced
Ingress Protection	IP65 - IP66 on request
IK Rating	IK08
Mounting Options	Wall, Pole, Ceiling
Spigot size	N/A

**CERTIFICATIONS. STANDARDS
AND WARRANTIES EX**

NON EX

Complies to SANS 60598-1

Complies to SANS 1464-22 (EM Version)

DIMENSIONS**DIMENSIONS AND PACKAGING**

Model	JBF-LT 2ft	JBF-LT 4ft	JBF-LT 5ft
Wattage	18W	36W	48W
Dimensions mm (LxWxH)	700 x 172 x 115mm	1310 x 172 x 115mm	1610 x 172 x 115mm
Weight Kg (Unit / packaged)	4kg / 4,2kg	5kg / 5,2kg	6kg / 6,2kg

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:

Lamps: 1 year

Luminaire: 5 years

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Nordland reserves the right to change any specification or design without prior notice.