



**NORDLAND  
LIGHTING®**



## JBP-LED Linear Zone 2



Management System  
ISO 9001:2015  
www.nlv.com  
ID 9109097029



### OVERVIEW

The JBP LED Ex Zone 2 linear luminaire is a high-performance industrial fitting designed for hazardous areas. This fitting is available in a 2ft and 4ft length in either 25watts or 47 watts to suit a customers application and lighting requirements. Used widely in hazardous area applications, the JBP

LED is a high lumen output linear fitting manufactured from compression moulded glass fibre reinforced polyester together with an injection moulded polycarbonate lens fastened with stainless steel clips. This versatile, robust IP66, IK08 luminaire with a broad range of ambient

operating temperatures and a 2kV surge protector, is ideal for use in any hazardous application both indoors and outdoors.

This fitting can also be supplied in a 6 Watt @ 1 hour emergency version.

### APPLICATIONS



INDOOR  
AREAS



OUTDOOR  
AREAS



INDUSTRIAL  
ENVIRONMENTS



HAZARDOUS  
AREAS



MINING AND  
SURFACE AREAS



OIL AND GAS

LINEAR • HAZARDOUS • INDUSTRIAL

## PERFORMANCE

Model Name	JBP LED	JBP LED
	2ft (600mm)	4ft (1200mm)
Wattages	25	47
Nominal Lumens	3990lm	7501,2lm
System Lumens	3325lm	6251lm
System efficacy lm/W	133lm/W	133lm/W
Emergency Operation	6W @1hour 600lm EM version only	

## LED AND OPTICS

Optics	120° deg standard
Expected lifetime	>80000
L70 rating	>54000 @ 80°C
Colour Rendering Index RA	>80
Colour Temperature	4000K standard, 3000K, 5000K and 6500K available on special request

## ELECTRICAL AND OPERATING

Driver	Ex approved Constant current
Operating temperature	-20°C to +40°C
Input voltage/Frequency	220V-240VAC ± 10%, 50/60Hz
Input Current	0,120A @25W; 0,226A @47W
Power Factor	0.96
Surge Protection	2kV L/N to PE, 1kV L to N
Other options	Through wired version available on request

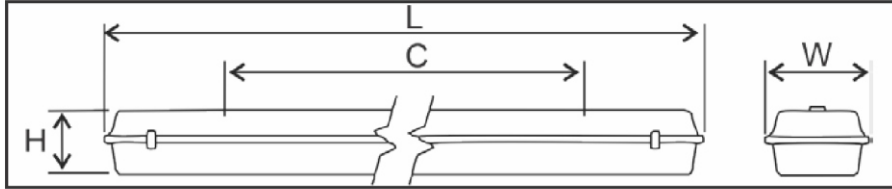
## PRODUCT MATERIALS AND INSTALLATION

Housing	DMC (Dough mould compound) Fibreglass Reinforced
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	IP66
IK Rating	IK08
Mounting Options	Wall, Pole, Ceiling
Spigot size	N/A

## CERTIFICATIONS. STANDARDS

MASC S/19-1193X	Complies to SANS 60079
Zone 2	Complies to SANS 1464-22 (EM Version)
Ex e nC mC IIC T5 Gc IP66	

## DIMENSIONS



## DIMENSIONS AND PACKAGING

Model	JBP LED (2ft)	JBP LED (4ft)
Wattage	25	47
Dimensions mm (LxWxH)	700 x 172 x 115mm	1310 x 172 x 115mm
Weight Kg (Unit / packaged)	4kg, 4,2kg	5kg, 5,2kg

## ACCESSORIES

Pole clamp Bracket
Double entry on request only
Exd 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

## WARRANTY:

Warranty 5 years

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