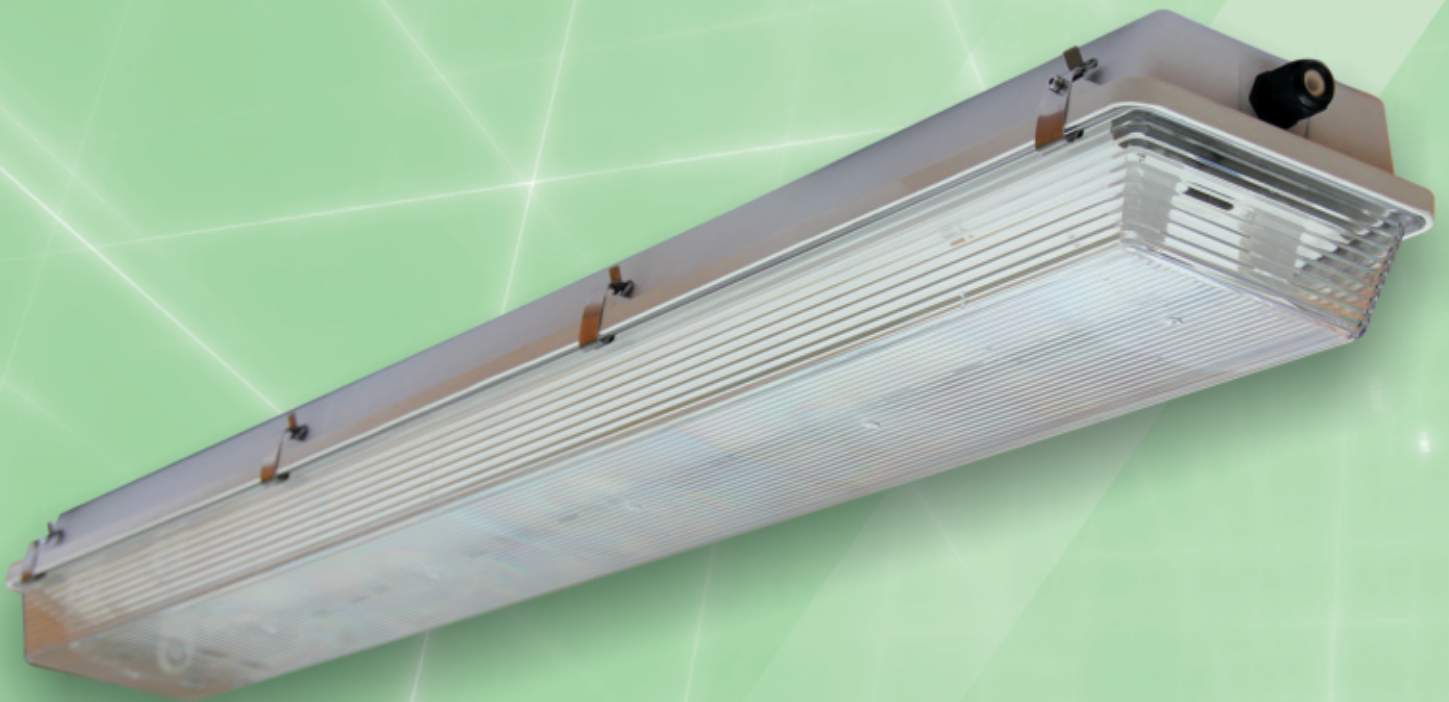


JBP - LED / JBP - LS

Zone 2, 21 & 22



The **JBP - LED** and **JBP - LS** linear luminaire range is a high-performance industrial luminaire for use in hazardous Zone 2, 21 & 22 locations, The luminaire is designed to replace the conventional fluorescent lamps which makes it energy efficient with high performance, low maintenance and longer life span. It's suitable for wall, ceiling, bracket and pole mounting. The **JBP - LED** and **JBP - LS** continues the proud heritage of RAMIKA PROJECTS quality standards.



RAMIKA PROJECTS

JBP - LED / JBP - LS

Applications: Zone 2, 21 & 22 hazardous areas.

Body: Manufactured from DMC, compression moulded glass fibre reinforced polyester.

Clips: Double acting stainless steel clips.

Lens: Injection moulded clear polycarbonate lens with linear internal prisms. JBP-LS supplied with frosted polycarbonate lens.

Gasket: Silicone sponge gasket.

Control Gear: Aluminium gear tray carries the LED driver and LED strips, and also acts as a reflector. Two cords allow the gear tray to be suspended from the body during installation and service.

Note: Lightning Protection: All electronic products such as light fittings and computers are subject to violent destruction when struck by lightning. An independent lightning protection device, well earthed, needs to be inserted in the supply line before the lighting circuit, where any electronic control gear is used in light fittings. Control gear damaged by lightning is not covered under guarantee.

Cable Entry: The Body has two 20mm entries. One is plugged and the other is fitted with a Ex n compression gland. Through wiring option available on request for JBP - LED 47W only.

Mounting: Brass body inserts allows for hook, wall/ceiling brackets or pole clamps to be used.

Ambient Temperature Rating: -20°C - +40°C

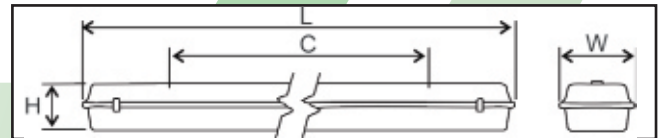
Ingress Protection Grade: IP66

Emergency Mode: Emergency option available on request for JBP-LED Zone 2 version only. (6W output for 1 hour)

Photometric Data: Photometric files available on request.

Warranty: 5 Year

Please Note:
Wired gear trays are available separately for all the below mentioned models.



| Model Name | JBP - LED | | JBP - LS | | | | | |
|-----------------------------------|--|--------------|-----------------|-----------|--------------|-----------------|--------------|-----------|
| | Zone 2 | | Zone 21,22 | | | | | |
| | 2ft (600mm) | 4ft (1200mm) | 2ft (600mm) | | 4ft (1200mm) | | 5ft (1500mm) | |
| Amperage | 250mA | 250mA | 500mA | 350mA | 500mA | 350mA | 500mA | 350mA |
| Rated Wattage(W) | 25W | 47W | 28W | 36W | 53W | 68W | 64W | 90W |
| Luminous Efficacy (system) | 133lm/W | 133lm/W | 136.5lm/W | 136.5lm/W | 136.5lm/W | 136.5lm/W | 136.5lm/W | 136.5lm/W |
| Luminous Flux (system) | 3325lm | 6283lm | 3822lm | 4914lm | 7235lm | 9282lm | 8736lm | 12285lm |
| Colour Temperature | 4000K | | | | | | | |
| Colour Rendering Index | >Ra80 | | | | | | | |
| Rated Voltage | 220V-240V AC, 50/60Hz | | | | | | | |
| Ingress Protection Grade | IP66 | | | | | | | |
| Ambient Temperature | -20°C to +40°C | | | | | | | |
| Power Factor | >0,96 | | | | | | | |
| Rated Lifetime | 50 000 Hr. | | | | | | | |
| Installation | Wall, Ceiling, Bracket and Pole mounting | | | | | | | |
| Dimensions | L x W x H (2ft) | | L x W x H (4ft) | | | L x W x H (5ft) | | |
| | 700x172x115mm | | 1310x172x115mm | | | 1610x172x115mm | | |
| Fixing Centres (FC) | 500mm | | 800mm | | | 1100mm | | |
| Weight | 4kg | | 5kg | | | 7kg | | |
| Classification | Zone 2 (Gas) & Zone 21 - Zone 22 (Dust) | | | | | | | |
| Ex-mark Zone 2 | Ex e nC mC IIC T5 Gc IP66 | | | | | | | |
| Ex-mark Zone 2/EM | Ex e nC mC IIC T4 Gc IP66 | | | | | | | |
| Ex-mark Zone 21, 22 | Ex tb IIIC T85°C Db IP66 | | | | | | | |

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