

NGBP-Exn LED PRO

Zone 2, 21 & 22

FLOODLIGHT · BULKHEAD · HIGHBAY



The **NGBP-Exn LED PRO** 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 HID 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 **NGBP-Exn LED PRO** continues the proud heritage of **NORDLAND LIGHTING**'s quality standards.



NORDLAND LIGHTING®

NGBP-Exn LED PRO

Applications: Industrial / Hazardous / Corrosive

Housing: Manufactured from high pressure die cast aluminium, with a heavy duty toughened smooth clear glass refractor, fitted into a die cast aluminium frame.

Frame: The frame is held in place with 6 stainless steel hex head screws.

Gasket: Round silicone sponge gasket retainer within a recess in the cast aluminium base provides a seal for outdoor use.

Control Gear: Constant Current LED driver 220V/240V, 50/60Hz

Screws: All external screws are made of stainless steel.

Cable Entry: Single compression gland for cable diameter 8-11mm. Through wiring available on request. Max looping current 12.4 A

Mountings: The body incorporates many choices of mounting options including: flood, wall, ceiling brackets, angled wall brackets, anti-vibration brackets, pole mounting brackets and angled post top brackets.

LED: The bulkhead is designed to operate with various LED wattages.

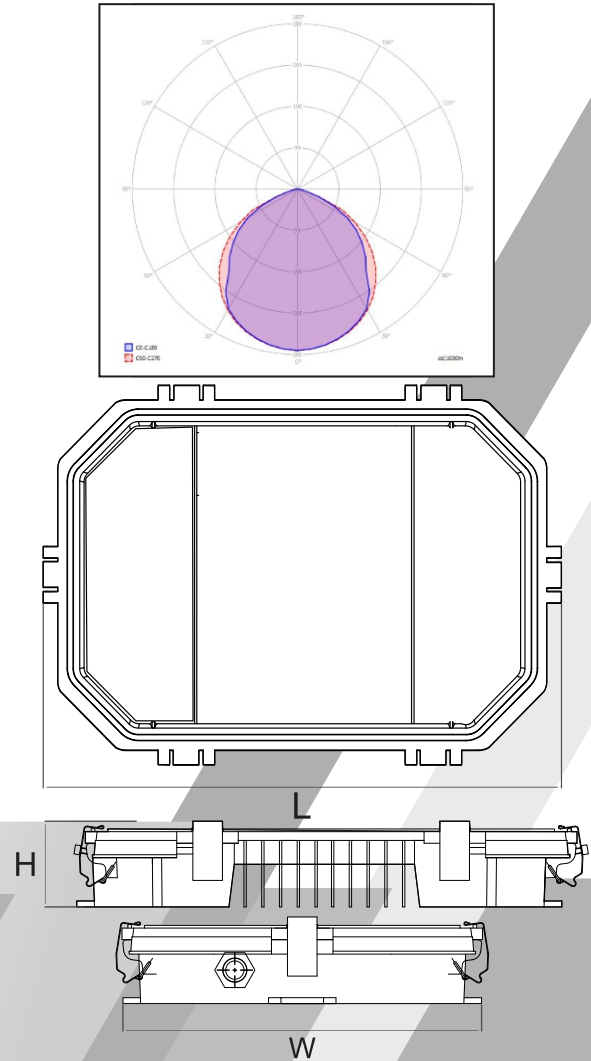
Rated Lifetime: 60 000 Hr. (L70/B10)

Warranty: 5 Years

Photometric Data: Photometric file is available on request.

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.

Photometric Data:



Model Name	NGBP-Exn LED PRO				
Rated Wattage(W)	40W	55W	72W	102W	150W
Amperage	700mA	1050mA	700mA	1050mA	700mA
Luminous Efficacy (system)	119lm/W	119lm/W	119lm/W	119lm/W	119lm/W
Luminous Flux (system)	4760lm	6545lm	8568lm	12138lm	17850lm
Colour Rendering Index	>Ra70	>Ra70	>Ra70	>Ra70	>Ra70
Colour Temperature	4000K (3000K / 5000K available on request)				
Rated Voltage	220V-240V AC, 50/60Hz				
Ingress Protection Grade	IP66				
Ambient Temperature	-20°C to +40°C				
Power Factor	>0,95				
Rated Lifetime	60 000 Hr.				
Installation	Wall, Ceiling, Bracket and Pole mounting				
Dimensions	L x W x H				
	420x305x80mm				
Weight	7kg (7kg box)				
Classification	Zone 2 (Gas) & Zone 21 - Zone 22 (Dust)				
Ex-Mark 40W, 55W, 72W, 102W	Ex nA mb IIC T4 Gc IP66 / Ex tb IIIC T135°C Db Ip66				
Ex-Mark 105W	Ex ec mc IIC T3 Gc IP66Ex tb IIIC T178°C Db IP66				