

# BLD150 LED – ZONE 1



The **BLD150 LED** is a high performance **LED** indoor and outdoor floodlight luminaire, designed for hazardous areas. The luminaire offers an excellent lumen package, long life time, and a controlled double-chamber heat structure. The luminaires are designed for Zone 1, Zone 2, 21 and 22 classified areas. Copper free aluminium housing, with epoxy powder coating (Grey), tempered glass and stainless steel metal guard ensure strong impact resistance. Multi-protection constant current LED driver with short-circuit and overvoltage protection. Emergency version available on request.

## APPLICATIONS

- Oil Refineries
- On & Off shore plants
- Chemical & Petrochemical plants.
- Fuel Depot.
- Fuel loading & unloading areas.



**INERIS 13ATEX0025X**

**Ex Protection: Ex d IIB T6 Gb / Ex tb IIIB T85°C Db IP65**



BD-PFC-015-F7 Rev. 1 (Oct. 2016)

## AGENTS

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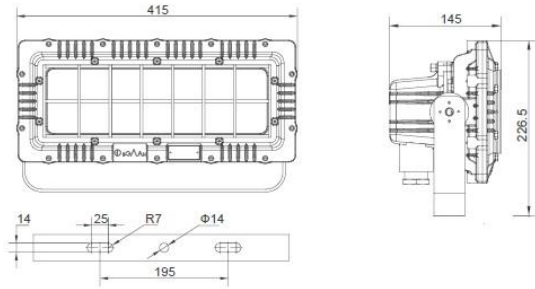
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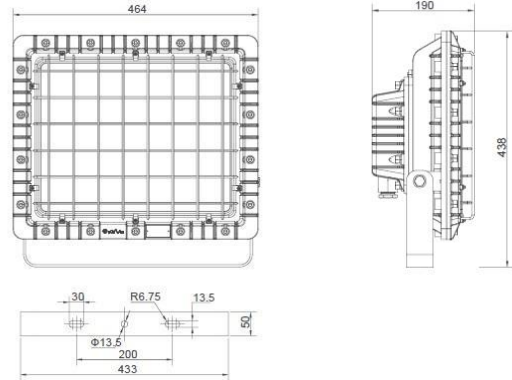
PML (Moz.)  
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### BLD150 – 60



### BLD150 – 80/100/120/160

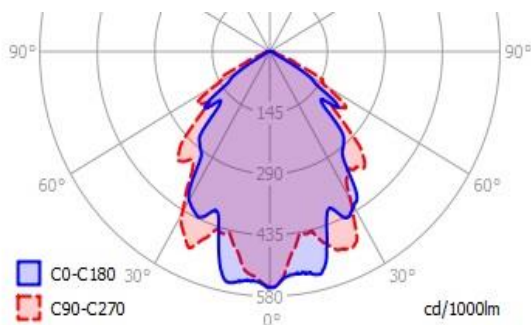


### Product Specification

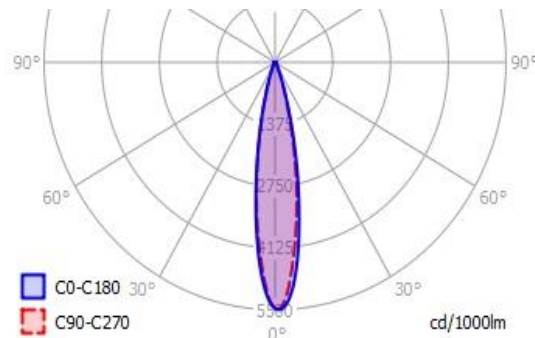
Model Name	BLD150 – 60W	BLD150 – 80W/100W/120W	BLD150 – 160W
Power Consumption	60w	80W - 100w – 120w	160W
Colour Temperature	4500K	4500K	4500K
Luminous efficacy Lm/W	110Lm /W	110Lm /W	110Lm /W
Luminous Flux	6600lm	8800lm-11000lm -13200lm	17600lm
Colour Rendering Index	>80	>80	>80
Mains Voltage	220V – 240V AC	220V – 240V AC	220V – 240V AC
Mains Frequency	50- 60 Hz	50- 60 Hz	50- 60 Hz
Driver	Constant current	Constant current	Constant current
LED Configuration	40 CREE LED's	80 CREE LED's	80 CREE LED's
Power Factor	0.95	0.95	0.95
Ambient Temperature	-40 to +55°C	-40 to +55°C	-40 to +55°C
Weight	8.5kg	19.0kg	19.0Kg
Rated Lifetime	>50 000 Hours (L70/B10)	>50 000 Hours (L70/B10)	>50 000 Hours (L70/B10)
Beam Angle	120°	30° / 45° / 60°	30° / 45° / 60°
Ingress Protection	IP66	IP66	IP66

### Photometric Data (electronic data on request)

#### BLD150 - 60



#### BLD150 - 160 - Beam Angle 30°



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

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