

# BLD230-LED Zone 1 & 2



*High performance anti-glare visor to be able to reduce blue light radiation and eliminate glare and improving the luminous efficiency*

The **BLD230 LED** is a high performance **LED** indoor and outdoor pendant luminaire, designed for hazardous areas. The luminaire offers an excellent lumen package, long life time, unique tri-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), shock and temperature resistant borosilicate glass 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 13ATEX0024X**

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



## AGENTS

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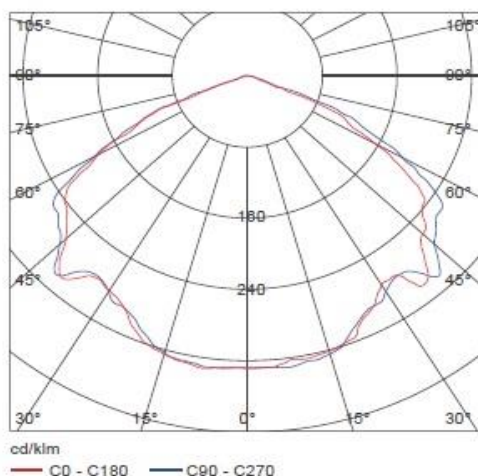
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## BLD230

### Product Specification

Model Name	<b>BLD230</b>
Power Consumption	60w & 80w
Corrected Colour Temperature	5000K to 5500K
Luminous Efficiency (system)	100Lm /W
Luminous Flux	6000lm & 8000lm
Colour Rendering Index	>80
Application area	Zone 1- Zone 2 (Gas) & Zone 21,22 (Dust)
Mains Voltage	220V – 240V AC
Mains Frequency	50- 60 Hz
Driver	Constant current
LED Configuration	40 & 60 CREE LED's
Power Factor	0.95
Cable Entry	M25x1.5
Mounting type	Ceiling / Pendant / Bracket / Flange
Ambient Temperature	-20 to +60°C
Weight	18 Kg
Rated Lifetime	>50 000 Hours (L70/B10)
Beam Angle	120°
Ingress Protection	IP65
Glass Protection	Borosilicate Glass (4J impact resistant)

### Photometric Data



BD-PFC-016-F7 Rev. 1 (Oct. 2016)

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

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