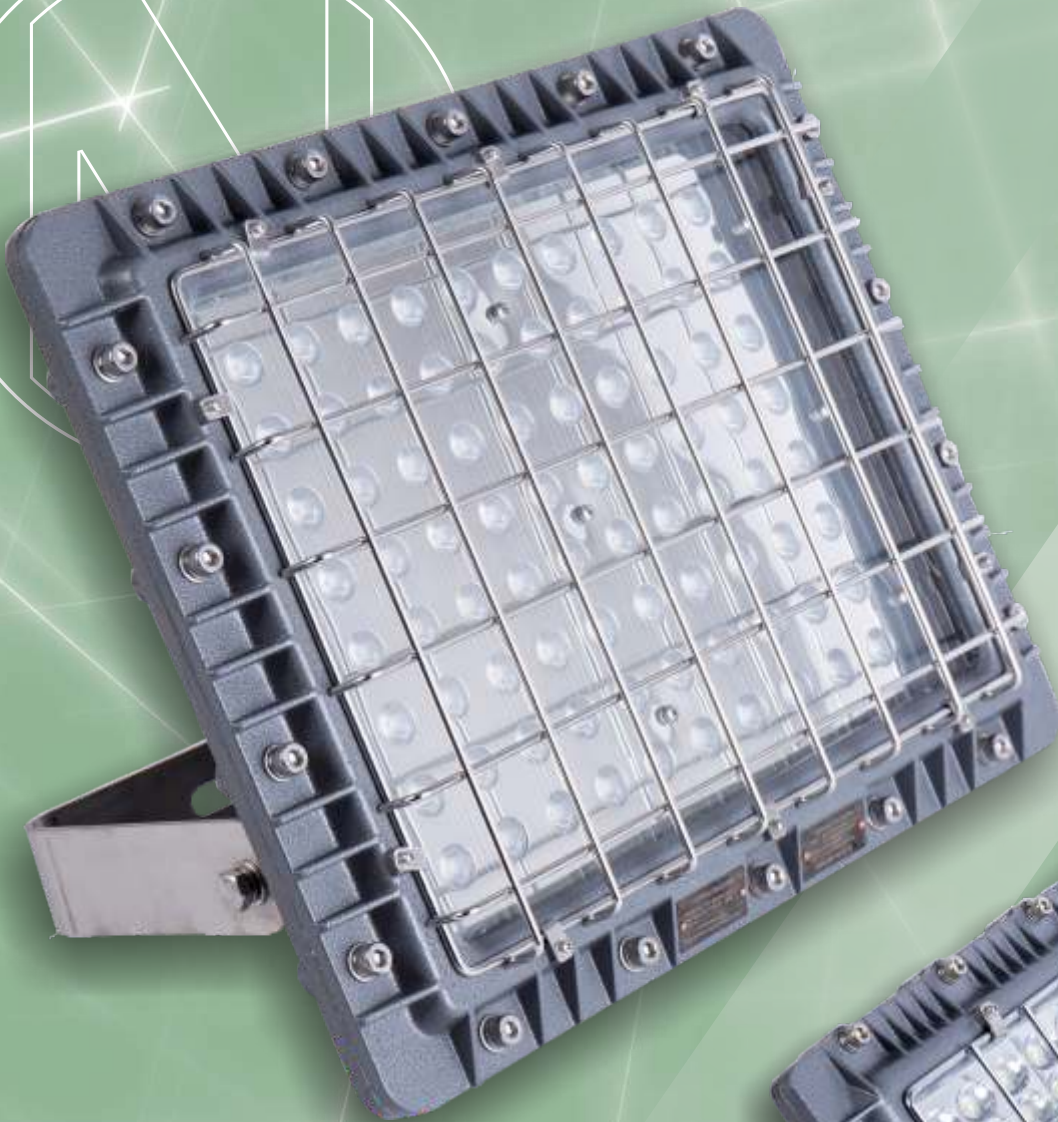


# BLD150 LED Floodlight

Zone 1, 2, 21 & 22



The **BLD150** is a high performance LED indoor and outdoor floodlight luminaire, designed and certified for Zone 1, 2, 21 and 22 hazardous areas. The luminaire is designed to replace the conventional HID lamp technology which makes it energy efficient with high performance, low maintenance and long life span. It's suitable for wall, ceiling and bracket mounting. The **BLD150** continues the proud heritage of NORDLAND LIGHTING's Ex safety standards whilst utilizing the latest LED technology.



**NORDLAND LIGHTING**

## BLD150 LED Floodlight

**Applications:** Zone 1, 2, 21 & 22 Hazardous locations. Oil Refineries, Chemical and Petrochemical plants and Fuel Depots.

**Body:** Manufactured from Copper-free content aluminium alloy body with grey epoxy powdercoating. Includes a stainless steel wire guard. All external screws are stainless steel.

**Lens:** Shock & Temperature resistant borosilicate glass.

**Gasket:** Acid/Hydrocarbon resistant silicone gasket.

**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.

**Control Gear:** Multi-protection constant current LED driver with short-circuit and over voltage protection. AC/DC 90-305V, 50/60Hz

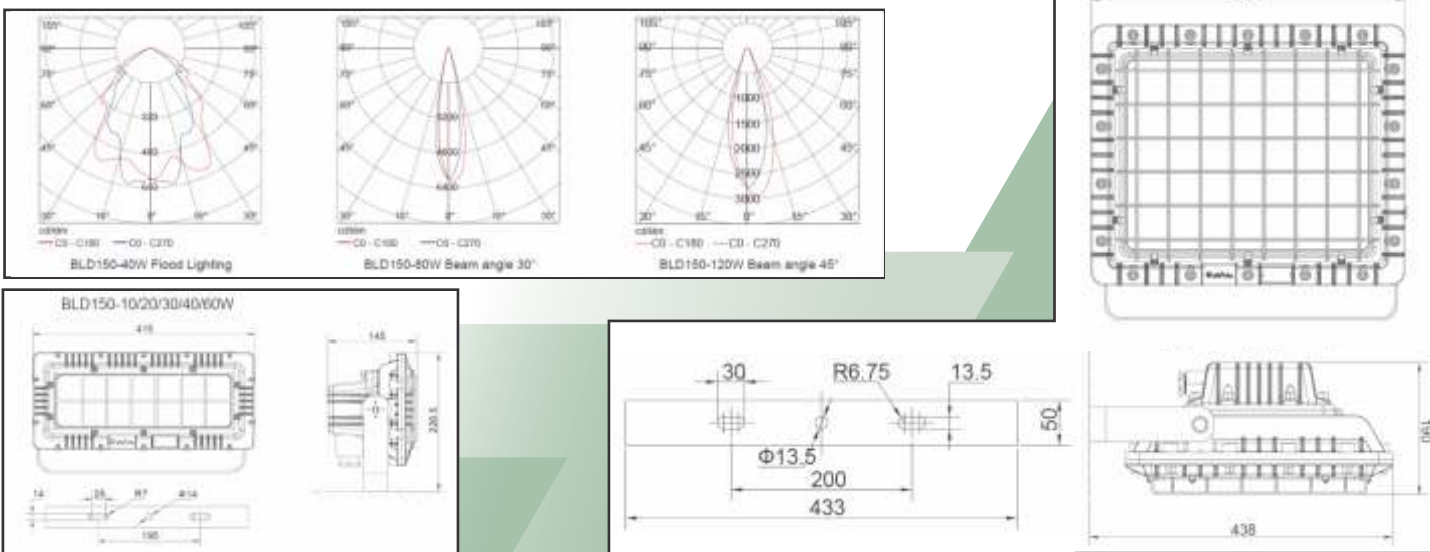
**Cable Entry:** Comes standard with an M25 x 1.5 thread hole.

**Mounting:** Supplied with a stainless steel stirrup which allows for various mounting options.

**Emergency Mode:** Only available in the 10W, 20W & 40W luminaire. 60min Emergency backup duration.

**Warranty:** 5 Years

### Photometric Data:



Model Name	BLD150 LED Floodlight							
<b>Rated Wattage(W)</b>	10W	20W	30W	40W	60W	80W	120W	160W
<b>Luminous Efficacy (system)</b>	100lm/W	100lm/W	100lm/W	100lm/W	100lm/W	100lm/W	100lm/W	100lm/W
<b>Luminous Flux (system)</b>	1000lm	2000lm	3000lm	4000lm	6000lm	8000lm	12000lm	16000lm
<b>Beam Angle</b>	120°					30° / 45° / 120°		
<b>Colour Temperature</b>	5000K (3000K optional)							
<b>Colour Rendering Index</b>	>Ra80							
<b>Rated Voltage</b>	AC/DC 90V-305V, 50/60Hz							
<b>Ingress Protection Grade</b>	IP66							
<b>Ambient Temperature</b>	-20°C to +60°C							
<b>Power Factor</b>	0,95							
<b>Rated Lifetime</b>	>50 000 Hr. (L70/B10)							
<b>Installation</b>	Wall, Ceiling, and Bracket mounting							
<b>Dimensions</b>	L x W x H					L x W x H		
	415x226.5x145mm					464x438x190mm		
<b>Fixing Centres (A)</b>	195mm					200mm		
<b>Weight (kg)</b>	8.3kg					19.5kg		
<b>Classification</b>	Zone 1 - Zone 2 (Gas) & Zone 21 - Zone 22 (Dust)							
<b>Ex-mark</b>	Ex d IIB T6 Gb IP66 / Ex tb IIIB T85°C Db IP66							

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