

# HX1 - LED High Bay

Zone 1, 2, 21 & 22



The **HX1** is a high performance LED high bay 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, pendant, pole and bracket mounting. The **HX1** continues the proud heritage of NORDLAND LIGHTING's Ex safety standards whilst utilizing the latest LED technology.



**NORDLAND LIGHTING**

## HX1 - LED High Bay

**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. 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

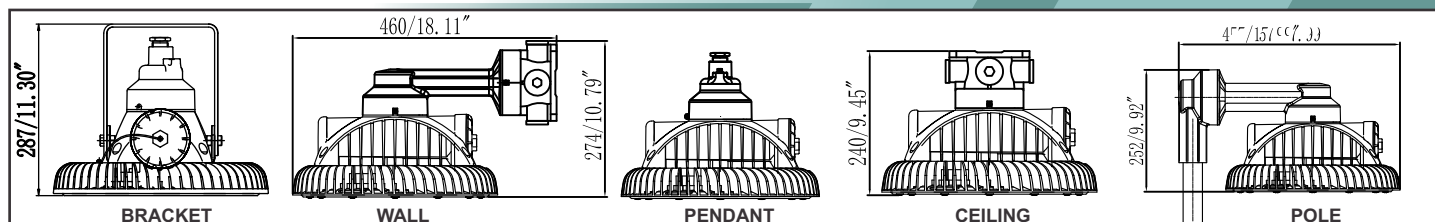
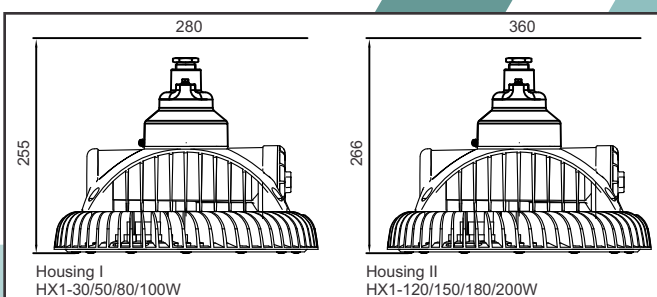
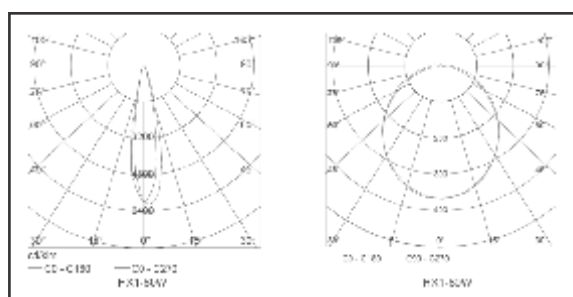
**Cable Entry:** Comes standard with an M25 x 1.5 thread hole.

**Mounting:** Ceiling, Pendant, Pole, Bracket and Wall Mount.

**Emergency Mode:** Only available in the 20W, 30W & 40W luminaire. 90min Emergency backup duration.

**Warranty:** 5 Years

### Photometric Data:



Model Name	HX1 - LED High Bay						
Rated Wattage(W)	30W	50W	80W	100W	120W	150W	200W
Luminous Efficacy (system)	115lm/W	115lm/W	115lm/W	115lm/W	115lm/W	115lm/W	115lm/W
Luminous Flux (system)	3450lm	5750lm	9200lm	11500lm	13800lm	17250lm	23000lm
Beam Angle	120°				45° / 120°		
Colour Temperature	5000K (3000K optional)						
Colour Rendering Index	>Ra80						
Rated Voltage	AC/DC 90V-305V, 50/60Hz						
Ingress Protection Grade	IP66						
Ambient Temperature	-40°C to +55°C						
Power Factor	0,95						
Rated Lifetime	>60 000 Hr. (L70/B10)						
Installation	Wall, Ceiling, Pendant, Pole and Bracket mounting						
Dimensions	Diameter x H				Diameter x H		
	280x255mm				360x266mm		
Weight (kg)	6.5kg				9.32kg		
Classification	Zone 1 - Zone 2 (Gas) & Zone 21 - Zone 22 (Dust)						
Ex-mark	Ex db IIC T6 Gb IP66 / Ex tb IIIC T85°C Db IP66						

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

