NHL100 - LED Highbay

The **NHL100 LED high bay** consist of a die-cast aluminium alloy body and is polyester epoxy powder coated, which makes it ideal for industrial indoor and outdoor applications. This luminaire provides high energy efficiency, excellent illumination, low maintenance and long lifespan. Various mounting options include Hook, Ceiling and Wall mount. The addition of Motion and Daylight sensors allows for even furtherenergy savings especially in areas which are less occupied. Dali dimmable gear are also available on request. The **NHL100 LED high bay** continues the proud heritage of NORDLAND LIGHTING's quality standards.

NORDLAND LIGHTING

NHL100 - LED Highbay

Applications: Warehouses / Industrial Facilities / Aircraft Hangers.

Housing: Manufactured from aluminium alloy. Black powder coated.

Optics & Reflectors: Multiple polycarbonate optic lenses and aluminium reflectors which provides different beam angles available for various applications.

Gasket: The silicone sponge gasket between the optic lenses and housing provides a IP65 seal.

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

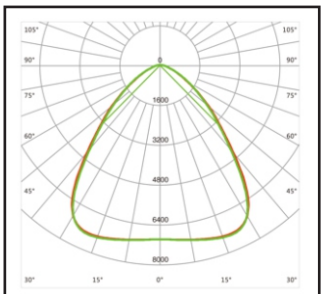
Dimming & Sensors: The addition of Motion and Daylight sensors allows for even further energy savings especially in areas which are less occupied. Dali dimmable gear are also available on request.

Mounting: Various mounting options include Hook, Ceiling and Wall mount.

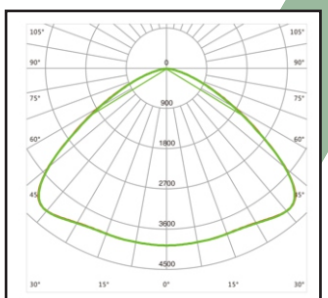
Warranty: 5 Years

Photometric Data:

100W-150W beam angle

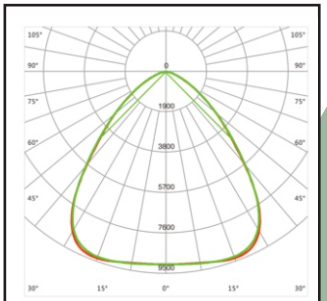


H00117 (90°)

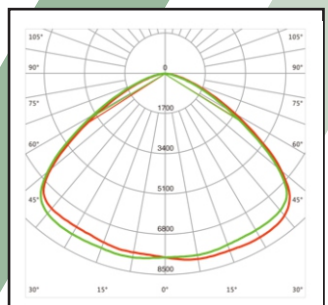


H00122 (120°)

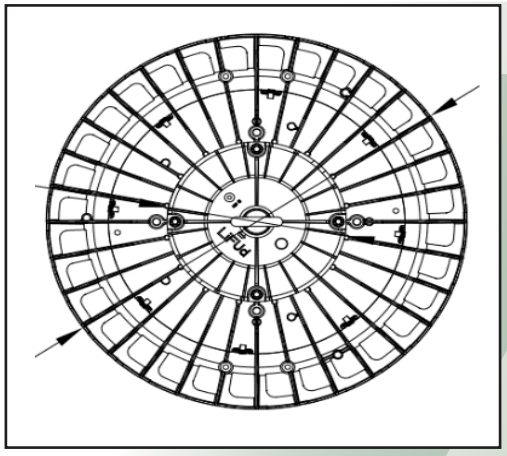
200W-240W beam angle

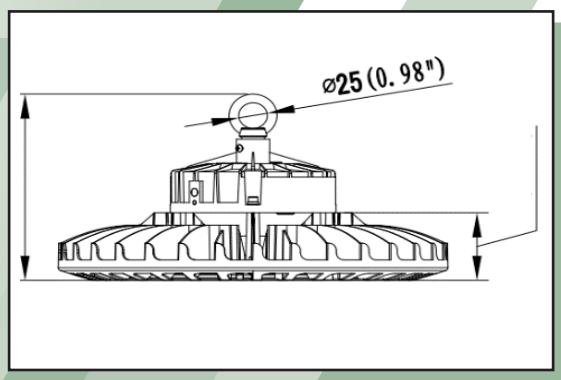


H00116 (90°)



H00120 (120°)





Model Name	NHL100 - LED Highbay				
Rated Wattage(W)	100W	120W	150W	200W	240W
Luminous Flux(LM)	14000lm	16800lm	21000lm	28000lm	33600lm
Luminous Efficiency	140lm/W (160lm/W Optional)				
Colour Temperature	5000K (3000K,4000K Optional)				
Colour Rendering Index	Ra70 (Ra80 optional)				
Rated Voltage	220V-240V AC, 50/60Hz				
IP Rating / IK Rating	IP65 / IK08				
Ambient Temperature	-30°C to +50°C				
Power Factor	>0,92				
Rated Lifetime	Lifetime of LED @ Ta=25°C : 52 000hrs-L90,109 000hrs-L80, 176 000hrs-L70				
Installation	Hook, Ceiling and Wall Mount				
Beam Angle	90° or 120°			60°, 90° or 120°	
Weight	2,5kg	2,5kg	2,7kg	4,1kg	4,1kg
Dimensions	Ø x H	Ø x H	Ø x H	Ø x H	Ø x H
	Ø251x170mm	Ø251x170mm	Ø271x178mm	Ø340x182mm	Ø340x182mm

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