



**NORLAND
LIGHTING®**



Management System
ISO 9001:2015
www.norland.com
ID: 8108087029



NHL LED

OVERVIEW

The NHL LED luminaires are a range of high-performance industrial high bays designed for a broad range of applications both indoors and outdoors. Manufactured in

aluminium alloy with an epoxy powder coating, this robust IP65/IK08 luminaire is available in various wattages from 100W to 240W. This versatile, energy efficient, high lumen

output can be supplied in a range of beam angles and colour temperatures to meet most applications. The NHL LED has a variety of mounting options to suit the customer requirements.

APPLICATIONS



INDOOR
AREAS



OUTDOOR
AREAS



SPORTS
FACILITIES



INDUSTRIAL
ENVIRONMENTS



MINING AND
SURFACE AREAS



WASHBAYS



WAREHOUSE

WAREHOUSE • WORKSHOP • HIGHBAY

PERFORMANCE

Model Name	NHL100	NHL120	NHL150	NHL200	NHL240
Wattages	100W	120W	150W	200W	240W
Nominal Lumens	15000lm	18000lm	22500lm	30000lm	36000lm
System Lumens	14000lm	16800lm	21000lm	28000lm	33600lm
System efficacy lm/W	140lm/W	140lm/W	140lm/W	140lm/W	140lm/W

LED AND OPTICS

Optics	120° (60°; 90° on request)
Expected lifetime	>100000
L70 rating	>100000 @ 25°C
Colour Rendering Index RA	>70
Colour Temperature	5000K standard, 3000K and 4000K available on special request
IES Files	Available on request

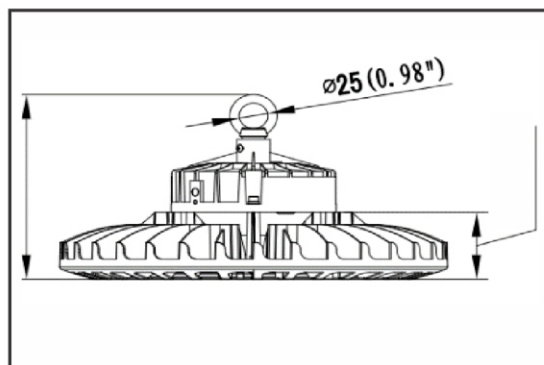
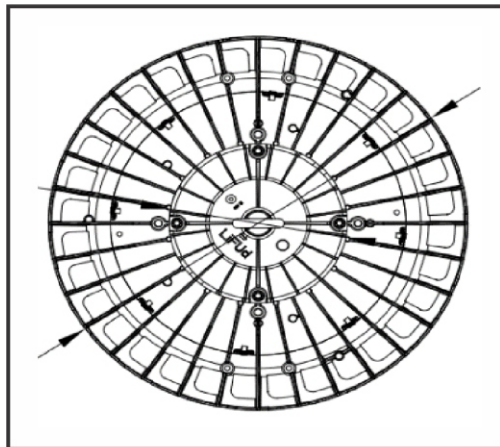
ELECTRICAL AND OPERATING

Driver	Constant current
Operating temperature	-30°C - +50°C
Input voltage/Frequency	220V-240VAC \pm 10%, 50/60Hz
Power Factor	>0.92
Surge Protection	2kV L/N to PE, 1kV L to N

PRODUCT MATERIALS AND INSTALLATION

Housing	Aluminium alloy powder coated
Lens	Acrylic optic lenses and aluminium reflectors
Gasket	Silicone sponge gasket
Finish	Powder coated black
Ingress Protection	IP65
IK Rating	IK08
Mounting Options	Hook, Ceiling, Wall

DIMENSIONS



DIMENSIONS AND PACKAGING

Model	NHL100	NHL120	NHL150	NHL200	NHL240
Wattage	100W	120W	150W	200W	240W
Dimensions mm (LxWxH)	251Øx170mm	251Øx170mm	271Øx178mm	340Øx182mm	340Øx182mm
Weight Kg (Unit / packaged)	2,5kg	2,5kg	2,7kg	4,1kg	4,1kg

ACCESSORIES

Hook Mount

Ceiling Mount

Wall Mount

PHOTOMETRIC PERFORMANCE:

As photometric data and IES files differ according to the selected optics and wattages, these are available on request

LIGHTING DESIGN SERVICES:

On request we can do a lighting design for your application.

WARRANTY:

Warranty - 5 years

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