

# NTH Mini ECO LED

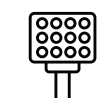


## Overview

The NTH Mini Eco LED is your large space and mast illumination solution

- **High Lumen Output:**  
The unit utilizes highly efficient LED chips to emit high lumen output.
- **Specialized Casting Design:**  
The NTH Mini Eco LED features a precision-engineered aluminium body for superior heat dissipation, strength, and long-lasting durability.
- **Programmable Driver:**  
Includes a programmable driver with 4kV surge protection, enhancing energy efficiency and extending product life.
- **Robust Construction**  
IP66 and IK08 ratings for protection against water, dust and impacts.
- **Made fit for purpose**  
The NTH Mini Eco LED is engineered for flood and area lighting applications, providing powerful, uniform illumination with exceptional durability and performance in demanding environments.
- **Innovative LED Design:**  
The NTH Mini Eco LED uses Nordland's custom LED modules for superior performance and reliability.

## Applications



Flood and Mast Lighting



Port Lighting



Security Lighting



Mining and Surface Areas



Oil and Gas



Industrial



Outdoor Areas

Industrial - Efficient - Floodlight

## PERFORMANCE DATA

Model Name	NTH Mini Eco 40	NTH Mini Eco 80
Wattage (W) +- 5% variance	40 W	80 W
Nominal Flux (Lumen)	6946	13892
System Flux (Lumen)	6040	12080
System Efficacy (lm/W)	151 lm/W	151 lm/W

## ELECTRICAL OPERATING DATA

Driver Type	Constant Current
Voltage input, Frequency and Power Factor	230VAC +- 10% / 50 or 60Hz / PF > 0.97
Running Current	0.19A @ 40W , 0.38A @ 80W
Allowed Operating Temperature	-20° C to +45° C
Electrical and Thermal Protection	10kV Standalone / 4kV L/N to Earth, 2kV L to N Driver, Thermal Cutout Protection

## LED CHARACTERISTICS AND OPTIC DATA

Available Optics	120° Standard, 25° , 55° , 90° optic also available
Expected LED Lifespan	>54000 hours @ L70B10 85°C (According to LM-80-08)
Colour Rendering Index (CRI)	>80
Correlated Colour Temperature (CCT)	5000K Standard, 6000K and 4000K available as options on request
IES Files	Available on request, Professional Lighting Designer services available at no cost

## PRODUCT MATERIAL AND INSTALLATION

Housing Material and Finish	High Pressure, Die cast aluminium, Powder Coated Black (Other colours available on request)
Lens and Gasket	6mm Tempered glass lens / Rubber Silicone gasket cemented into groove
Ingress Protection and IK Rating	IP66 / IK08
Mounting and Installation options	Flood trunnion arm as standard, Wall, Pole and Ceiling mountings available on request

## Certifications and Standards Compliance

Standards compliance	60598-1
ISO QMS	9001:2015

## Dimensions and Packaging

Model	NTH Mini Eco LED
Dimensions (Length x Width x Height) in mm	380 x 170 x 100
Weight (Unit / Packaged) in kg	5.3 / 5.6

## Miscellaneous

Contact Nordland	T: 010 442 2809	E: Sales@Nordland.co.za	W: <a href="https://nordland-lighting.com/">https://nordland-lighting.com/</a>
Warranty Details	5 Years (Limited)	T's and C's Available from Nordland	W: <a href="https://nordland-lighting.com/">https://nordland-lighting.com/</a>
Free Services Provided	Lighting Audits	Lighting Designs by Accredited Professionals	Lighting Specification Writing and Tender Detail Assistance

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