

N50-LED600/1200



ZONE 2 HAZARDOUS AREAS

The **N50 – LED600/1200** is a high-performance LED industrial stainless-steel luminaire. It's designed for Zone 2 Hazardous environments and provides low glare for highly efficient lighting applications. The luminaire offers an excellent lumen package, long life time, and a controlled heat management.

APPLICATIONS

- Industrial Lighting
- Hazardous Lighting
- Corrosive Atmospheres
- Mining Lighting



AGENTS

Western Cape
Matelec
rushana@matelec.co.za

KZN
Afrilite
afrilite@unweb.co.za

Eastern Cape
Farad Agencies
farad@iafrica.com

Vaal Triangle
Lighting 2000
drew@lighting2000.co.za

Lighting 2020
nunnsca@gmail.com

PML (Moz.)
baptista.homo@pierlite.co.mz

Purcee Industrial Controls
patnck@purcee.net

Body: Single piece deep drawn Stainless Steel 304. (The body may not be drilled on site)

Control Gear Tray: Aluminium gear tray carries LED driver and LED strips, is also designed to act as a reflector. Two cords allow the gear tray to be suspended from the body during installation and service.

Clip: Double acting. Stainless steel clips.

Lens: 4 mm thick clear tempered plate glass.

Gasket: Extruded silicone one piece gasket.

Lens Frame: Single piece deep drawn Stainless Steel 304.

Frame Suspension: The lens frame hinges to the body to allow the glass frame to swing open.

Cable Entry: Threaded 20mm entry provided for a single gland via a special welded insert boss is positioned about 60mm from the mounting surface to facilitate installation. Corrosion resistant glands are recommended for use with stainless steel light fittings. Twin gland entry on request.

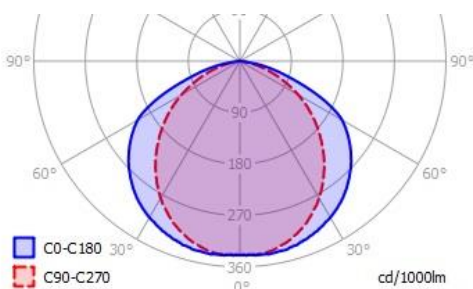
Fixing: M8 nut welded into the rear mounting brackets, allows for a bracket, suspension hooks or pole clamps.

Product Specification

| Model Name | N50-LED600 | N50-LED1200 | N50-LED1200 |
|------------------------------|------------------------|------------------------|------------------------|
| Power Consumption | 33W | 38W | 64W |
| Corrected Colour Temperature | 4000K | 4000K | 4000K |
| Luminous Efficacy (system) | 86 lm/W | 97 lm/W | 92 lm/W |
| Luminous Flux | 2903 lm | 3681 lm | 5949 lm |
| Colour Rendering Index | >80 | >80 | >80 |
| Mains Voltage | 220V – 240V AC | 220V – 240V AC | 220V – 240V AC |
| Mains Frequency | 50 - 60 Hz | 50 - 60 Hz | 50 60 Hz |
| Power Factor | >0.93 | >0.95 | >0.96 |
| Ambient Temperature | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C |
| Rated Lifetime | 50 000 Hours (L90/B10) | 50 000 Hours (L90/B10) | 50 000 Hours (L90/B10) |
| Luminaire Weight | 6.5Kg | 10.2Kg | 10.3Kg |

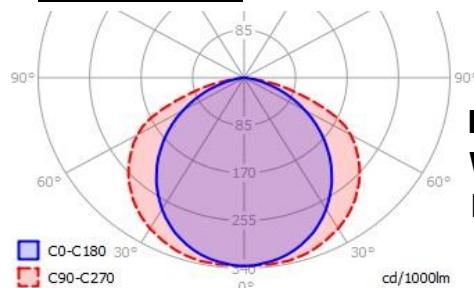
Photometric Data

N50-LED600

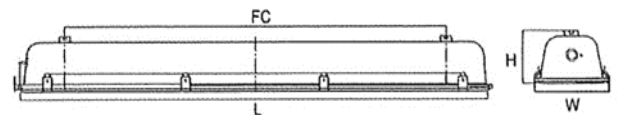


L = 790mm
W = 230mm
H = 135mm
FC = 490mm

N50-LED1200



L = 1372mm
W = 230mm
H = 135mm
FC = 1100mm



BD-PFC-006-F7 Rev. 1 (Oct. 2016)

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

Tel 011 662 - 4300 | Fax 011 662 - 4319 | sales@nordland.co.za | www.nordland-lighting.com