

# N50-LED600/1200



## ZONE 2, ZONE 21 & 22 HAZARDOUS AREAS



The **N50 – LED600/1200** is a high performance LED industrial luminaire, designed for dust and corrosion Zone 2 / 21,22 environments, glare free and highly efficient lighting application. The luminaire offers an excellent lumen package, long life time, and a controlled heat management.

### APPLICATIONS

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

Permit No.  
2061/9658



SANS/IEC 60598-2-1



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## AGENTS

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**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.

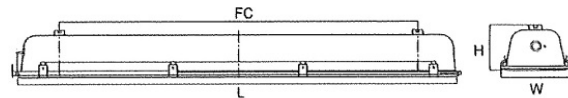
**Frame Suspension:** The lens frame is

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.

**Emergency Mode:** Inverter/chargers and nickel cadmium rechargeable cells can be fitted to operate in a separate **LED** module.

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

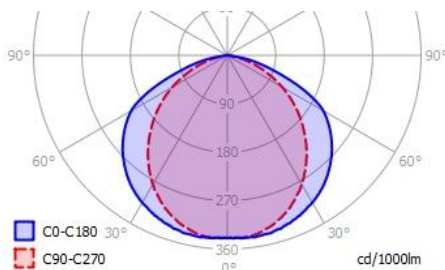


## Product Specification

| Model Name                       | N50-LED600             | N50-LED1200            |
|----------------------------------|------------------------|------------------------|
| Power Consumption                | 33W                    | 64W                    |
| Corrected Colour Temperature     | 4000K                  | 4000K                  |
| Luminous Efficacy (system)       | 86 lm/W                | 92 lm/W                |
| Luminous Flux                    | 2903 lm                | 5949 lm                |
| Colour Rendering Index           | >80                    | >80                    |
| Mains Voltage                    | 220V – 240V AC         | 220V – 240V AC         |
| Mains Frequency                  | 50 - 60 Hz             | 50 - 60 Hz             |
| Driver Output (constant current) | 2 x 500mA Hadler       | 4 x 500mA Hadler       |
| LED Configuration                | 2 x Luga 560mm         | 4 x Luga 560mm         |
| Power Factor                     | >0.93                  | >0.96                  |
| Ambient Temperature              | -20 to 40° C           | -20 to 30° C           |
| Rated Lifetime                   | 50 000 Hours (L90/B10) | 50 000 Hours (L90/B10) |
| Luminaire Weight                 | 6.5Kg                  | 10.3Kg                 |

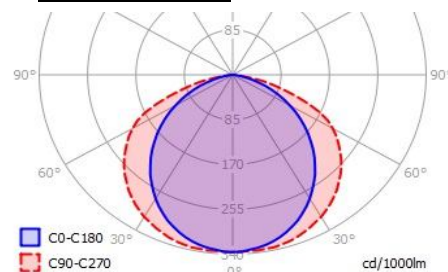
## Photometric Data

### N50-LED600



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

### N50-LED1200



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

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