



The **N20 – LED** is a high-performance **LED** industrial luminaire, designed for dust and corrosion environments glare free and highly efficient lighting application and also available in 600mm, 1200mm and 1500mm T8 **LED** tubes. The luminaire offers an excellent lumen package, long life time, and a controlled heat management.

APPLICATIONS

- Industrial Lighting
- Corrosive Atmospheres
- Mining Lighting

Ingress Protection: IP65



AGENTS

Western Cape
Matelec
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KZN
Afrilite
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Eastern Cape
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Vaal Triangle
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Lighting 2020
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PML (Moz.)
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Purcee Industrial Controls
patrick@purcee.net

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

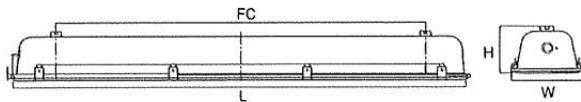
Control Gear Tray: Aluminium gear tray carries LED driver and LED strips, is also designed to act as a reflector. Two cords allow the gear tray to be suspended from the body during installation and service.

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 is suspended from two points along one side of 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 entry on special order.

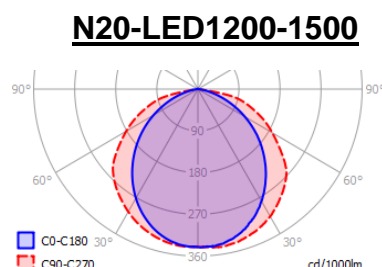
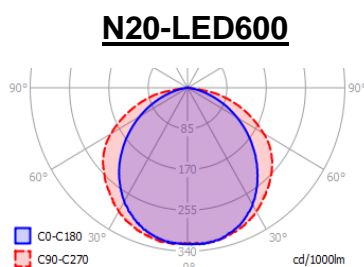
Emergency Mode: Inverter/chargers and nickel cadmium rechargeable cells can be fitted to operate in a separate LED module.

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

Product Specification

| Model Name | N20-LED600 | N20-LED1200 | N20-LED1500 | N20-T8LED1200 | N20-T8LED1500 |
|----------------------------|------------------------|------------------------|------------------------|----------------|----------------|
| Power Consumption | 32W | 72W | 90W | 36W T8 LED | 48W T8 LED |
| Colour Temperature | 4000K | 4000K | 4000K | 4500K | 4500K |
| Luminous Efficacy (system) | 122 lm/W | 122 lm/W | 122 lm/W | 100 lm/W | 96 lm/W |
| Luminous Flux | 3904 lm | 8784 lm | 10980lm | 3610 lm | 4594 lm |
| Colour Rendering Index | >80 | >80 | >80 | 82 | 82 |
| Mains Voltage | 220V – 240V AC | 220V – 240V AC | 220V – 240V AC | 220V – 240V AC | 220V – 240V AC |
| Mains Frequency | 50- 60 Hz | 50- 60 Hz | 50- 60 Hz | 50- 60 Hz | 50- 60 Hz |
| Power Factor | >0.90 | >0.90 | >0.91 | N/A | N/A |
| Ambient Temperature | -15° to 40° C | -15° to 40° C | -15° to 40° C | -10°C to 45°C | -10°C to 45°C |
| Rated Lifetime | 50 000 Hours (L90/B10) | 50 000 Hours (L90/B10) | 50 000 Hours (L90/B10) | 35000 Hours | 35000 Hours |
| Luminaire Weight | 6.5Kg | 10.3Kg | 12,1kg | 8.5 kg | 9.0 Kg |

Photometric Data



BD-PFC-005-F7 Rev. 2 (Jan. 2017)

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