

# N20 LED



The **N20 – LED600/1200** is a high-performance **LED** industrial luminaire, designed for dust and corrosion environments, glare free and highly efficient lighting application and also available in 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



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## AGENTS

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Purcee Industrial Controls  
[patrick@purcee.net](mailto:patrick@purcee.net)

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

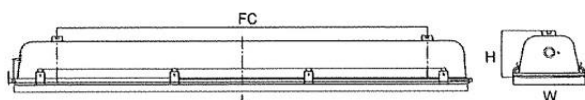
**Control Gear Tray:** Aluminium gear tray carries LED driver and LED strips, is also designed to act as a reflector. Two cords allow the gear tray to be suspended from the body during installation and service.

**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.

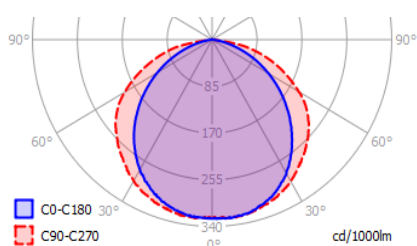
**Fixing:** M8 nut welded into the rear mounting brackets, allows for a bracket, suspension hooks or pole clamps

## 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

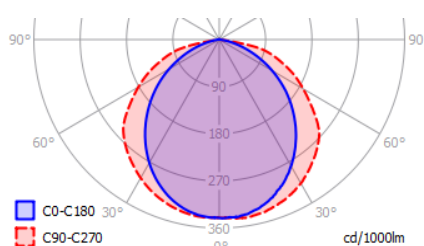
## Photometric Data

### N20-LED600



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

### N20-LED1200



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