RAMIKA PROJECTS
Lighting Division
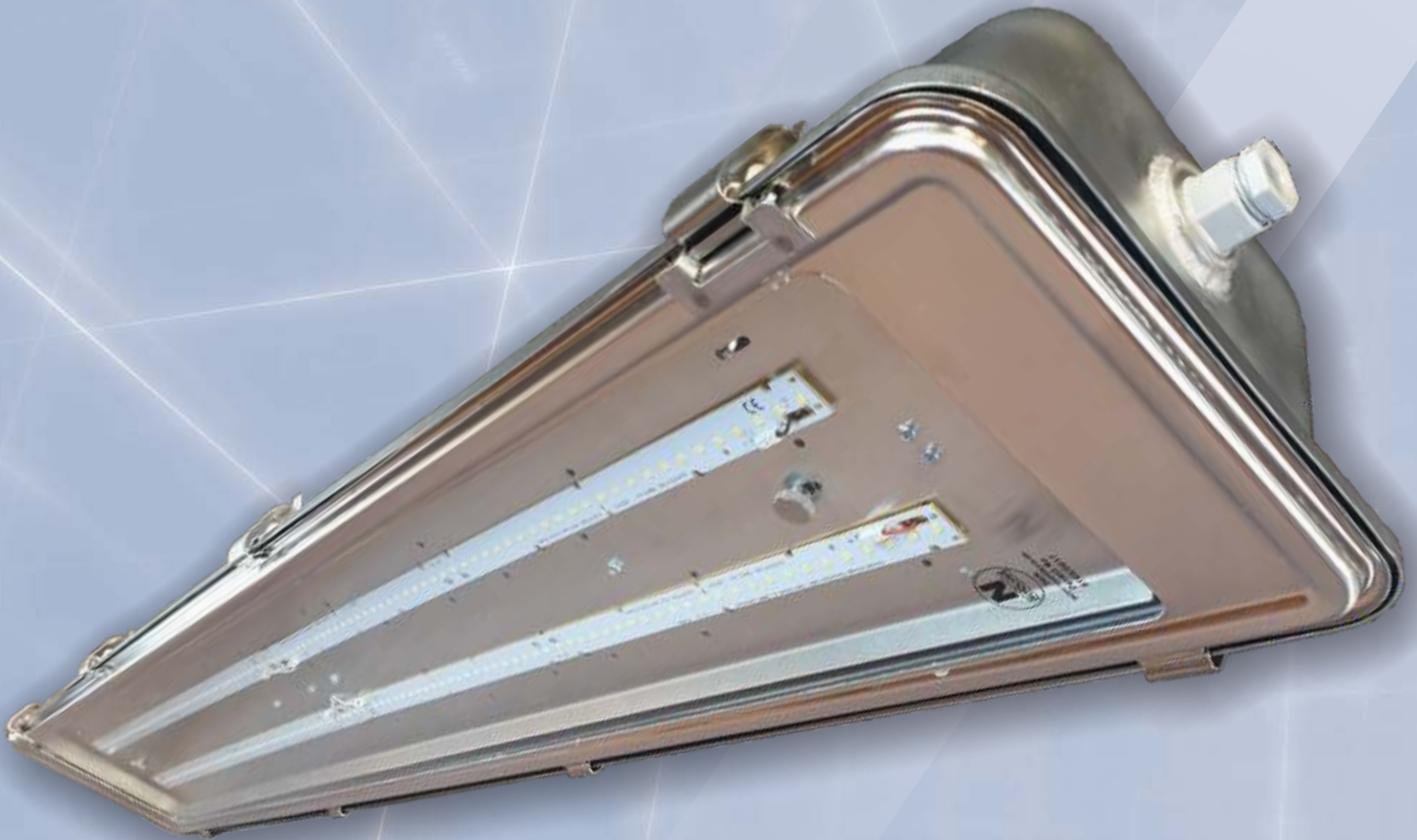
The **N20-LED** linear luminaire range is a high-performance LED industrial stainless steel luminaire. The luminaire is designed to replace the conventional fluorescent lamps which makes it energy efficient with high performance, low maintenance and longer life span. It's suitable for wall, ceiling, bracket and pole mounting. The **N20-LED** continues the proud heritage of RAMIKA PROJECTS quality standards whilst utilizing the latest LED technology.

N20-LED 600/1200

Applications: All non-hazardous Industrial, Mining and Highly corrosive areas.

Body: Manufactured from Stainless steel grade 304. Marine grade 316 available on special order. The single piece deep drawn body may not be drilled on site.

Clips: Double acting stainless steel clips.

Lens: 4mm thick clear tempered plate glass.

Gasket: Extruded silicone one piece gasket.

Lens Frame: Pressed from a single piece stainless steel sheet without joining welds and with extra wide ends for increased rigidity.

Frame Suspension: The lens frame is suspended on two points along one side of the body to allow the glass frame to swing open during servicing.

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

Cable Entry: Threaded 20 mm entry provided for a 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. Single gland entry standard.
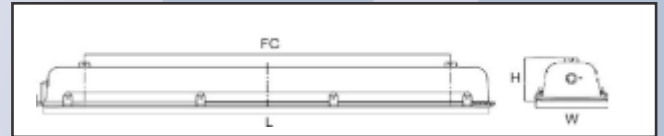
Mounting: 8mm threaded nut welded into the rear mounting brackets allows the luminaire to be mounted using either brackets, or pole clamps.

Wire Guard: A stainless steel wire guard is available as an optional extra on the 4ft version only.

Emergency Mode: Emergency Options available on request.

Photometric Data: Photometric files available on request.

Warranty: 5 Years LED strip / 1 Year LED tube.

Note: Lightning Protection: All electronic products such as light fittings and computers are subject to violent destruction when struck by lightning. An independent lightning protection device, well earthed, needs to be inserted in the supply line before the lighting circuit, where any electronic control gear is used in light fittings. Control gear damaged by lightning is not covered under guarantee.

Please Note:
Wired gear trays are available separately for all the below mentioned models.

Model Name	N20-LED 2ft (600mm)	N20-LED 4ft (1200mm	N20-T8 LED Tube (*) 2ft (600mm)	N20-T8 LED Tube (**) 4ft (1200mm)
Amperage	350mA	350mA		
Rated Wattage(W)	35W	68W	2x8W T8 LED	2x18W T8 LED
Luminous Efficacy (system)	121lm/W	121lm/W	100lm/W	100lm/W
Luminous Flux (system)	4235lm	8228lm	1600lm	3600lm
Colour Temperature	4000K		6500K	4500K
Colour Rendering Index	>Ra80		>Ra82	
Rated Voltage	220V-240V AC, 50/60Hz		220V-240V AC, 50/60Hz	100V-240V AC, 50/60Hz
Ambient Temperature	-15°C to +35°C		-20°C to +45°C	-10°C to +45°C
Power Factor	>0,96		N/A	
Rated Lifetime	50 000 Hr.		15 000 Hr.	35 000 Hr.
Installation	Wall, Ceiling, Bracket and Pole mounting			
Ingress Protection Grade	IP65			
Dimensions	L x W x H	L x W x H	L x W x H	L x W x H
	790x219x135mm	1370x219x135mm	790x219x135mm	1370x219x135mm
Fixing Centres (FC)	490mm	1100mm	490mm	1100mm
Weight	6.5Kg	10.3Kg	4.5Kg	8.5Kg
(*) Data provided is based on the specifications for the Philips LED tube.				
(**) Data provided is based on the specifications for the Nordland LED tube.				

Ramika Projects reserves the right to change any specification or design without prior notice.