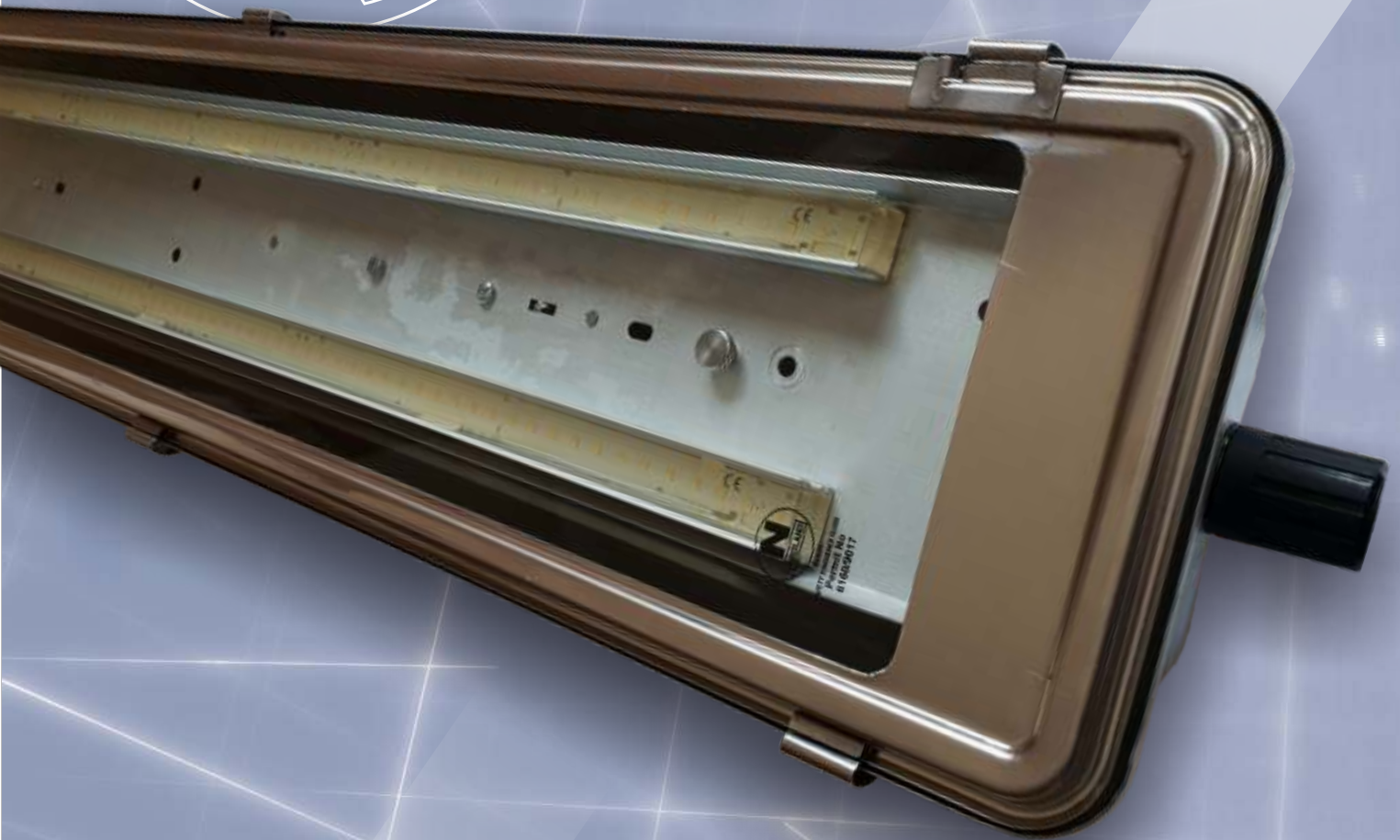


N60LED-Ex

Zone 1, 2, 21 & 22



The **N60LED-Ex** linear luminaire range uses specially designed LED light sources and is paired with Ex certified LED drivers. The luminaire is designed to replace the conventional fluorescent lamps which makes it energy efficient with high performance, low maintenance and long life span. It's suitable for wall, ceiling, bracket and pole mounting. The **N60LED-Ex** continues the proud heritage of NORDLAND LIGHTING's Ex safety standards whilst utilizing the latest LED technology.



NORDLAND LIGHTING

SA Pat Appl No. 2018/06027

N60LED-Ex

Applications: Zone 1, 2, 21 & 22 Hazardous locations, 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 with M4 socket head screws on outer 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.

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.

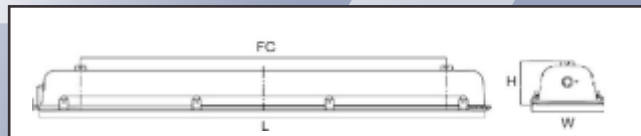
Control Gear: Aluminium gear tray carries the LED driver and LED strips. Two cords allow the gear tray to be suspended from the body during installation and service.

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, twin gland entry available as option.

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.

Warranty: 5 Years



| Model Name | N60LED-Ex 2ft (600mm) | N60LED-Ex 2ft (600mm) | N60LED-Ex 4ft (1200mm) | N60LED-Ex 4ft (1200mm) |
|-----------------------------------|--|--------------------------|---------------------------|---------------------------|
| Amperage | 350mA | 500mA | 350mA | 500mA |
| Rated Wattage(W) | 35W | 51W | 67W | 98W |
| Luminous Efficacy (system) | 90lm/W | 90lm/W | 91lm/W | 90lm/W |
| Luminous Flux (system) | 3240lm | 4590lm | 6097lm | 8820lm |
| Colour Temperature | 4000K | | | |
| Colour Rendering Index | >Ra80 | | | |
| Rated Voltage | 220V-240V AC, 50/60Hz | | | |
| Ingress Protection Grade | IP65 | | | |
| Ambient Temperature | -20°C to +40°C | | | |
| Power Factor | >0,90 | | | |
| Rated Lifetime | 50 000 Hr. | | | |
| Installation | Wall, Ceiling, Bracket and Pole mounting | | | |
| Dimensions | L x W x H | | L x W x H | |
| | 790x219x135mm | | 1370x219x135mm | |
| Fixing Centres (FC) | 490mm | | 1100mm | |
| Classification | Zone 1 - Zone 2 (Gas) & Zone 21 - Zone 22 (Dust) | | | |
| Ex-mark | Ex e mb IIC T4 Gb IP65 / Ex tb IIIC T135°C Db IP65 | | | |

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