



**NORDLAND
LIGHTING®**



N20 LED LT

OVERVIEW

The N20 LED LT luminaire is a stainless steel fitting designed for non-hazardous corrosive industrial and mining applications. The N20 LED LT, is constructed from standard 304 stainless steel and a 4mm tempered glass lens and is fitted with 2 LED tubes. This high lumen output long

life luminaire comes in either a 600mm or 1200mm length and uses 2 standard 9watt or 18W LED tubes. The fitting is designed to make the replacement of tubes simple without the risk of the frame or geartray becoming dislocated from the fitting. A stainless steel wire guard is

available on request. The N20 LED LS with an IP65/IK08 rating is designed to be robust and withstand the harshest conditions and is suitable for both indoor and outdoor use. A 6w 1 hour emergency version is available on request.

APPLICATIONS



INDOOR
AREAS



OUTDOOR
AREAS



SPORTS
FACILITIES



INDUSTRIAL
ENVIRONMENTS



MINING AND
SURFACE AREAS



OIL AND GAS



WASHBAYS

INDUSTRIAL • MINING • HIGHBAY

PERFORMANCE

Model Name	N20LT	N20LT
Wattages	2x9W	2x18W
Nominal Lumens	2160lm	4320lm
System Lumens	1800lm	3600lm
System efficacy lm/W	100lm/W	100lm/W
Emergency Operation	9W @ 1 hour EM versions only	18W @ 1 hour EM versions only

LED AND OPTICS

Optics	120°
Expected lifetime	>30000
L70 rating	>30000 @80°C
Colour Rendering Index RA	>80
Colour Temperature	4500K
IES Files	Available on request, Professional Lighting study can be done at no cost to client

ELECTRICAL AND OPERATING

Driver	AC to DC Converter
Operating temperature	-10°C - +45°C
Input voltage/Frequency	110 - 240 VAC and VDC \pm 10%, 50/60 Hz
Input Current	0,082 @18W; 0,164 @36W
Power Factor	>0.9
Surge Protection	Inline Fuse
Other options	Through wired versions available on request

PRODUCT MATERIALS AND INSTALLATION

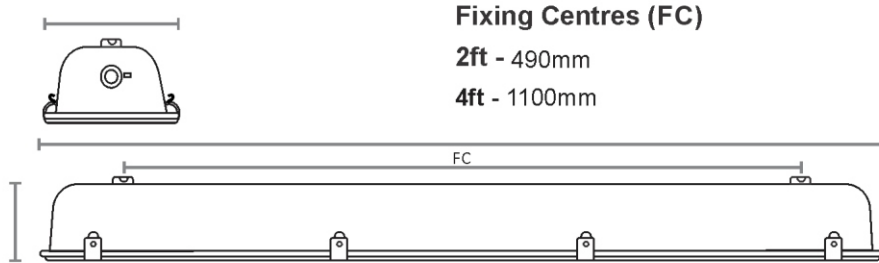
Housing	Grade 304 Stainless steel. Grade 316 Stainless available on request
Lens	4mm Clear Tempered Glass
Gasket	Single extrusion Rubber Silicone cemented onto frame
Finish	Pickled and passivated Stainless Steel
Ingress Protection	IP65
IK Rating	IK08
Mounting Options	Wall, Pole, Ceiling
Spigot size	N/A

CERTIFICATIONS. STANDARDS

NON EX

Complies to SANS 60598-1

Complies to SANS 1464-22 (EM Version)

DIMENSIONS**DIMENSIONS AND PACKAGING**

Model	N20LT 2ft	N20LT 4ft
Wattage	18W	36W
Dimensions mm (LxWxH)	790x219x135mm	790x219x135mm
Weight Kg (Unit / packaged / gross)	4kg / 4,2kg	5kg / 5,2kg

ACCESSORIES

Pole clamp Bracket
Double entry on request only
Metal Gland on request

PHOTOMETRIC PERFORMANCE:

As photometric data and IES files differ according to the selected optics and wattages, these are available on request.

LIGHTING DESIGN SERVICES:

On request we can do a lighting design for your application.

WARRANTY:

Warranty - 5 years.

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