



The Nexus II low power LED bulkhead luminaire is suitable for a wide range of applications and ambient temperatures. The product utilises the latest technology of Light Emitting Diodes (LEDs) to provide an instant white light that is highly visible, overall whilst reducing energy consumption when compared to traditional light sources.

Standard Specification		Features
Type of Protection	Ex mc nA	Fixing points outside restricted breathing enclosure High corrosion resistance Suitable for ceiling or wall mounting Through wire or looping as standard Prismatic lens Suitable for low temperature applications Very low power consumption Ultra long life, no relamping required Suitable for Zone 21 combustible dust environments
ATEX Classification	Group II Category 3 GD	
Area Classification	Zone 2 and Zone 22 area to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14	
Certificate	Type Examination Certificate pending	
Coding	Ⓔ II 3 GD Ex mc nA IIC T5	
Enclosure	Cast aluminium LM6 (AC 44100) with toughened glass and silicone gasket	
Reflector	Brushed aluminium	
Entry	3 x M20 cable entries	
Termination	3 core 6mm ² max. conductor with looping or through wiring 16A max current rating	
Light Source	16 x 1W light emitting diodes. Colour: white	
Control Gear	Electronic	International Approvals ATEX, GOST and CEPOL
Burning Position	Universal	
Ingress Protection	IP66/67 to EN 60529	
Electrical Supply	110/254V AC/DC	

ATEX CATEGORY 3 ZONE 21 & 22 APPLICATIONS

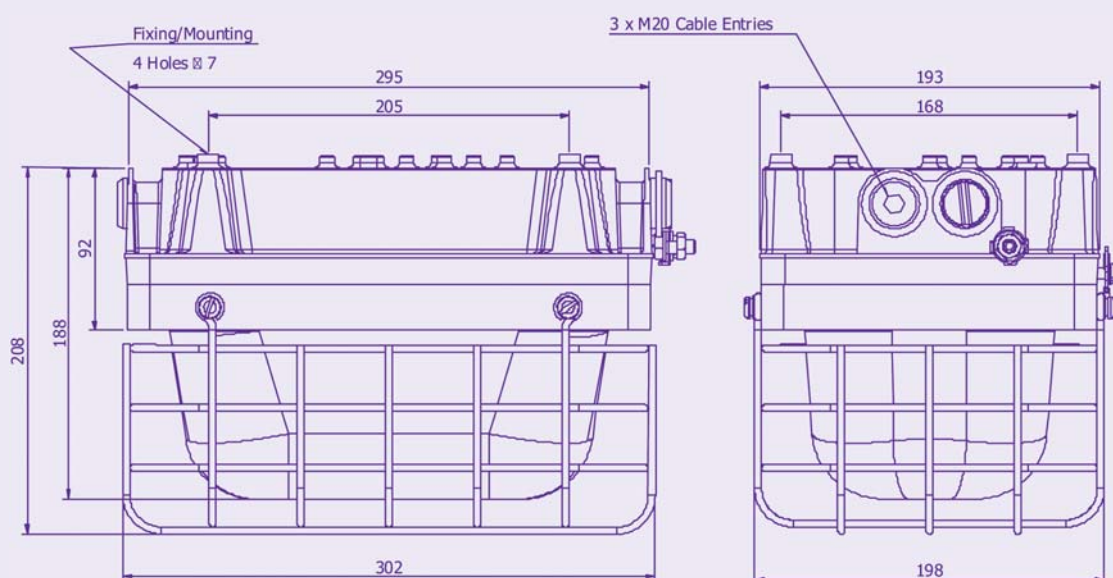
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Std. Cat No.	Wattage	Lamp	TCClass	T°C (Dust)	Ambient °C	Weight
NE2N/161/LE	16W	Light Emitting Diode	T4	100	-45 to +55	5.7kg

Equivalent to 100W GLS lamp wattage output.

Options – Suffix to Catalogue No.

/RDE	Red LEDs	/ADE	Amber LEDs
/GDE	Green LEDs	/MF	Mains fuse



Accessories Should be ordered separately

Catalogue Order Code

Wire Guard Assembly

SNEX1-0001

Product design and specifications are subject to change without notice, please check the Chalmit website for latest specifications.