



The Nexxus 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 nR tb	Fixing points outside restricted breathing enclosure
ATEX Classification	Group II Category 3 GD Group II Category 2D	
Area Classification	Zone 2 and Zone 22 area to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14	High corrosion resistance
Certificate	Type Examination Certificates Baseefa11ATEX0031X (Zone 2/22) Baseefa11ATEX0032X (Zone 21) IECEX BAS 11.0017X	Suitable for ceiling or wall mounting
Coding	⊕ Ex II 3 GD Ex nR IIC T6 Gc Ex tc IIIC T70°C Dc ⊕ Ex II 2 D Ex tb IIIC T70°C Db	Through wire or looping as standard
Enclosure	Cast aluminium LM6 (AC 44100) with toughened glass and silicone gasket	Prismatic lens
Reflector	Brushed aluminium	Suitable for low temperature applications
Entry	2 x M20 cable entries	Very low power consumption
Termination	3 core 6mm ² max. conductor with looping or through wiring 16A max current rating	Ultra long life, no relamping required
Light Source	12 x 1W light emitting diodes. Colour: white	Suitable for Zone 21 combustable dust environments
Control Gear	Electronic	International Approvals
Burning Position	Universal	
Ingress Protection	IP66/67 to EN 60529	
Electrical Supply	110/254V AC/DC	
		ATEX IECEX Compliant

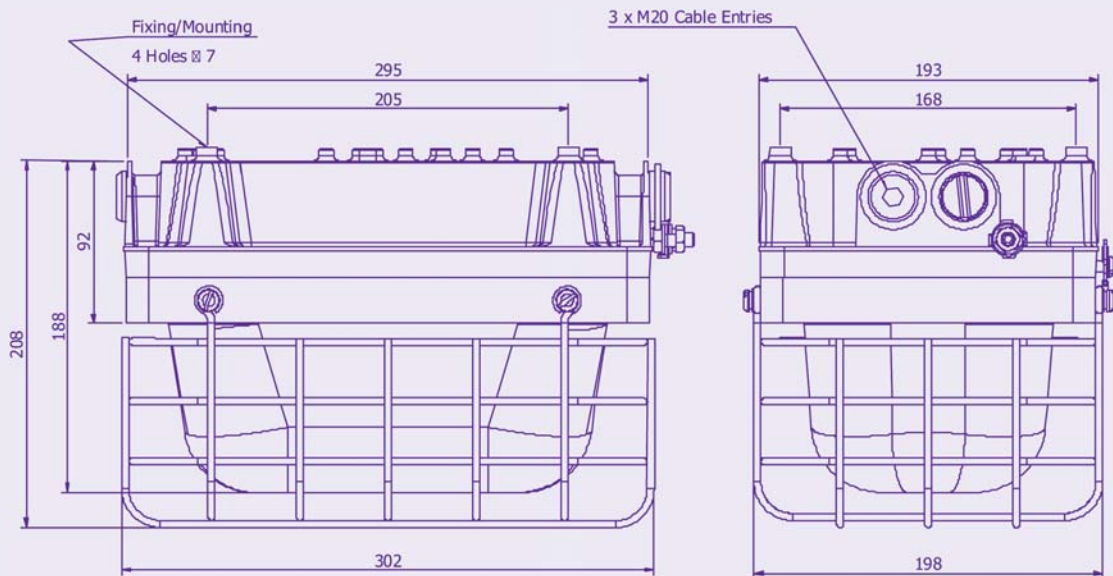
ATEX CATEGORY 3 ZONE 21 & 22 APPLICATIONS

Std. Cat No.	Wattage	Lamp	TClass	T°C (Dust)	Ambient °C	Weight
NE2N/121/LE	12W	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 specification are subject to change without notice, please check the Chalmit® website for latest specification

