XN Standard & emergency LED luminaire

Petrel
Hazardous Area Lighting Solutions

Zones: 2 22 **Cat: 3**

A highly competitive zone 2 LED luminaire for use in both internal and external hazardous area applications. Available in a range of sizes from 2-5ft with light output up to 6,637 Lumens.

Featuring a moulded GRP body and polycarbonate diffuser. Simple in design and suitable for most applications due to it's IP65 rating. Three hour emergency versions are fitted with integral batteries and charging unit.

- ✓ Stainless steel clips means reduced corrosion
- ✓ 230V 50/60Hz standard.
- ✓ Low maintenance high efficiency LED light source

Specifications & Options

Label Marking	Ex II 3 GD Ex nA nC mc IIC T4 Gc Ex tc IIIC T135°C Dc
Zoned areas	Zones 2 & 22
Ambient range (max)	-20°C to +51°C

Certification standards	EN IEC 60079-0:2018 EN 60079-15:2010 EN 60079-18:2015+A1:2017 EN 60079-31:2014
Certificates	PET 14ATEXTFXNX PET 22UKEXTFXNX
IP rating	IP65

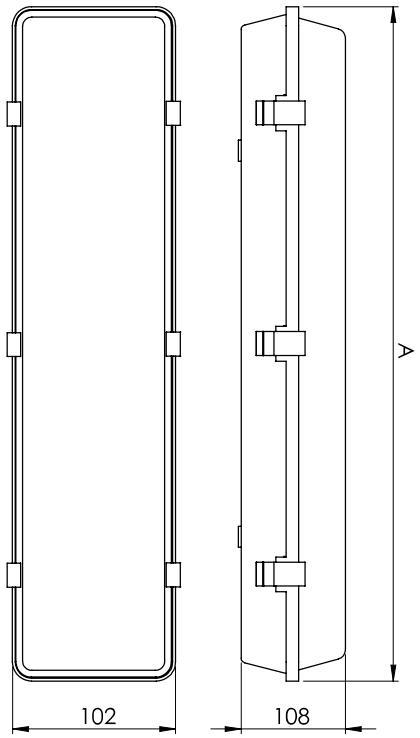
Material	Tough GRP moulded body, polycarbonate diffuser, coated steel control gear tray, corrosion resistant gear tray & diffuser. EPDM, closed-cell gasket.
Cable entries	2 x M20, 1 plugged as standard.
Electrical connections	3 wire and earth cable size 4mm² max. Through wiring versions available.
Light source	High efficiency LED
Light output	Various ranging from 2,655lm-6,637lm
Supply voltage (s)	220V-240V AC 50/60 Hz as standard
Installation / Mounting	Snap on stainless steel brackets for vertical mounting are included, heavy duty options available - contact Petrel
Control gear	Electronic Driver. Microwave sensor versions available
Dimensions	Size 2' 702mm, size 4' 1312mm, size 5' 1612mm, Single W, 102mm, Depth 108mm
Weight	Size 2' 2.8kg, size 4' 3.2kg, size 5' 3.4kg.

We offer a lighting design service

CIRCUIT BREAKER / INRUSH CURRENT

Model	typ.Ipeak	No. of Luminaires per single pole Circuit Breaker				
		Type	10A	16A	20A	25A
XNLED127/T	16.2A/184 µ	B	17	27	34	43
		C	28	45	57	71
XNLED147/T	32.4A/184 µ	B	8	13	17	21
		C	14	22	28	35
XNLED157/T	32.4A/184 µ	B	8	13	17	21
		C	14	22	28	35

Supply voltage @230 VAC, mains impedance = 1Ω
In case of multi-pole CB the maximum number is reduced by 20%.
The maximum number may differ depending on CB manufacturer.
Please consult the manufacturer specifications.



ORDERING INFORMATION

	Part Number	Description	Light Source	Light Output	Nominal Power Consumption	Size (A)
Standard	XNLED127/T	2' nA nC Luminaire	LED	2,655lm	30W	702mm
	XNLED147/T	4' nA nC Luminaire	LED	5,310lm	60W	1312mm
	XNLED157/T	5' nA nC Luminaire	LED	6,637lm	75W	1612mm

	Part Number	Description	Light Source	Light Output	Nominal Power Consumption	Size
Emergency	XNLED147/EM/T	4 nA nC Luminaire	LED	5,310lm	60W	1312mm
	XNLED157/EM/T	5 nA nC Luminaire	LED	6,637lm	75W	1612mm

Add "/TW" suffix for through wired option.
Contact Petrel for microwave sensor options

For safer hazardous areas call us today on

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DESIGNED AND MADE IN BRITAIN

Petrel
Hazardous Area Lighting Solutions