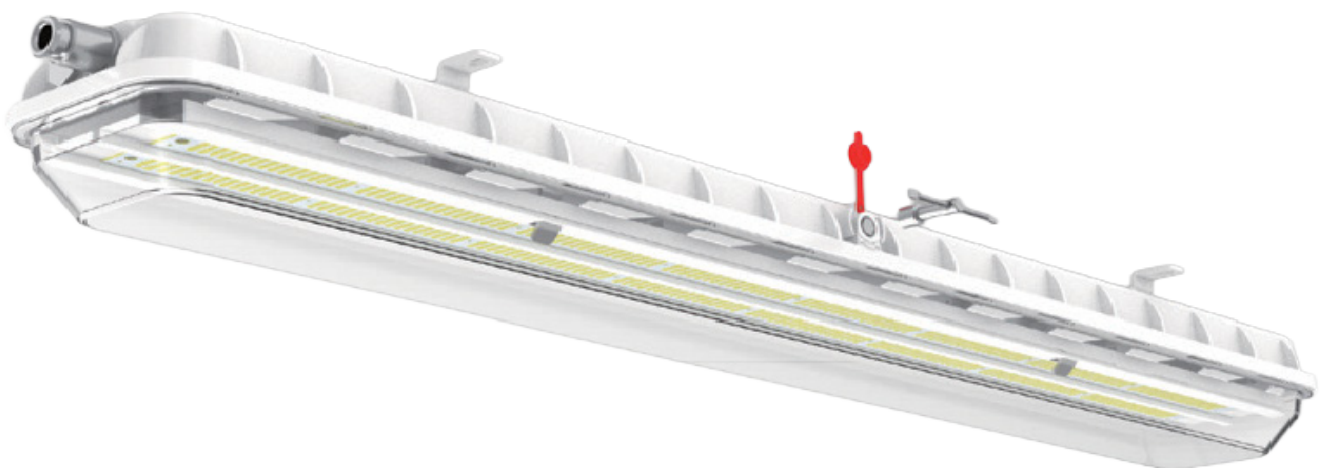
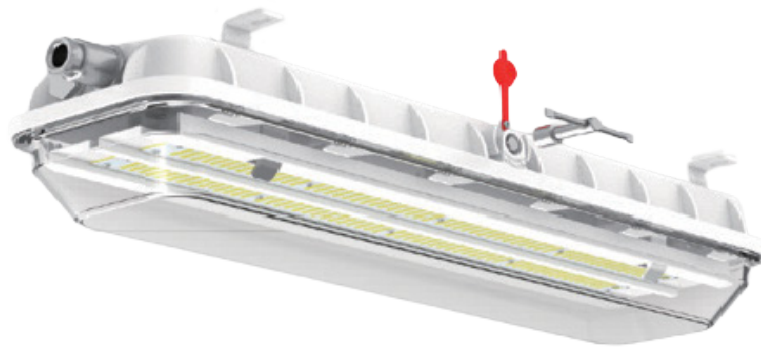




Dialight® LED GRP Linear - N Series

Technical Specification Sheet - APAC



SafeSite® N-Series Linear – ATEX/IECEx

Zone 1



Certifications & Ratings

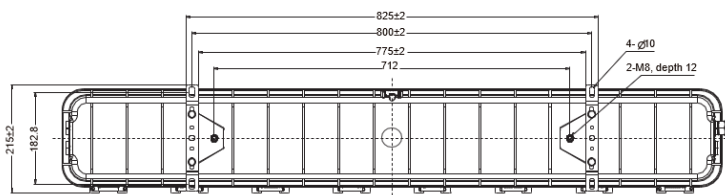
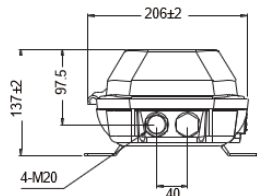
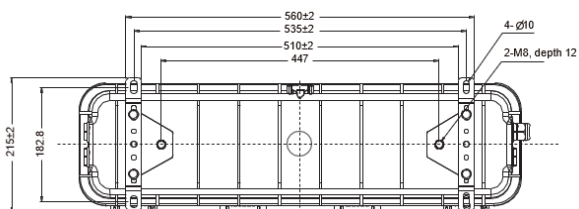
IECEx TPS 26.0033X

- Ex db eb mb IIC T6...T5 Gb
- Ex tb IIIC T80°C...T95°C Db or
- Ex eb mb IIC T6...T5 Gb
- Ex tb IIIC T80°C...T95°C Db

TPS 26 ATEX 138104 0001 X

- II 2 G Ex db eb mb IIC T6...T5 Gb
- II 2 D Ex tb IIIC T80°C...T95°C Db or
- II 2 G Ex eb mb IIC T6...T5 Gb
- II 2 D Ex tb IIIC T80°C...T95°C Db

- IP66
- IK10
- 3G Vibration
- 5-year warranty (excludes battery modules)



Mechanical Information:

Fixture weight:	2' (711mm) – 6.4 kg, 7.9 kg battery backup 4' (1,321mm) – 9.4 kg, 10.9 kg battery backup
Shipping weight:	2' (711mm) – 8.5 kg, 10.0 kg battery backup 4' (1,321mm) – 12.4 kg, 13.9 kg battery backup
Mounting:	Ceiling / Wall / Pole
Entries:	4 x M20 x 1.5

Electrical Specifications:

Operating voltage:	100-277 VAC, 50/60Hz
Power consumption:	See ordering information

Operating temperature: -40°C to +60°C
(-5°C to +55°C battery models)

EMC: CISPR 15
IEC 61000-3-2
IEC 61000-3-3
IEC 61547

Surge protection: 2kV line-to-line
2 kV line-to-ground

Harmonics: IEC 61000-3-2 Class C
ATHD<20%

Power factor: > 0.9

Emergency Models:

Wattage EM mode:	10W
Battery duration:	180 minutes

Construction:

Body:	Fibre Reinforced Plastic
Lens:	Fiberglass Reinforced Polycarbonate

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

All values typical unless otherwise stated (tolerance +/- 10%)

Dimensions in mm

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

Ordering Information

SafeSite® N-Series LED Linear - Zone 1

Part Number	Length	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Angle
IECEX / ATEX Zone 1								
N2A4C25NNN	2' (711mm)	4,450	30	148	100-277 VAC	5000K (cool white)	PC	115°
N2A4N25NNN	2' (711mm)	4,450	30	148	100-277 VAC	4000K (neutral white)	PC	115°
N4A4C28NNN	4' (1,321mm)	7,400	50	148	100-277 VAC	5000K (cool white)	PC	115°
N4A4N28NNN	4' (1,321mm)	7,400	50	148	100-277 VAC	4000K (neutral white)	PC	115°
IECEX / ATEX Zone 1 - Battery Backup								
N2A4C25NNF	2' (711mm)	4,450	35	127	100-277 VAC	5000K (cool white)	PC	115°
N2A4N25NNF	2' (711mm)	4,450	35	127	100-277 VAC	4000K (neutral white)	PC	115°
N4A4C28NNF	4' (1,321mm)	7,400	55	135	100-277 VAC	5000K (cool white)	PC	115°
N4A4N28NNF	4' (1,321mm)	7,400	55	135	100-277 VAC	4000K (neutral white)	PC	115°

All values typical unless otherwise stated (tolerance +/- 10%)
For additional ordering options, please consult Dialight

Replacement Parts



NZX-BATT-KIT

Replacement 10W
battery module for 2ft
and 4ft



NZX-LEN4-N2

Replacement PC
lens 2ft



NZX-LEN4-N4

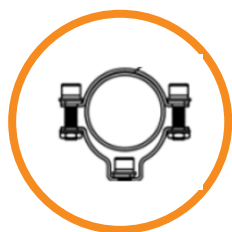
Replacement PC
lens 4ft

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at www.dialight.com as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at www.dialight.com, the latter shall prevail.

Ordering Information

SafeSite® N-Series LED Linear - Zone 1

Accessories



NZX-PC-SS-45

40-50mm Ø 304 stainless steel pole clamp

NZX-PC-SS-55

50-60mm Ø 304 stainless steel pole clamp



ELX-PC-SS-42

37-40mm Ø 316 stainless steel pole clamp

ELX-PC-SS-47

44-50mm Ø 316 stainless steel pole clamp

ELX-PC-SS-54

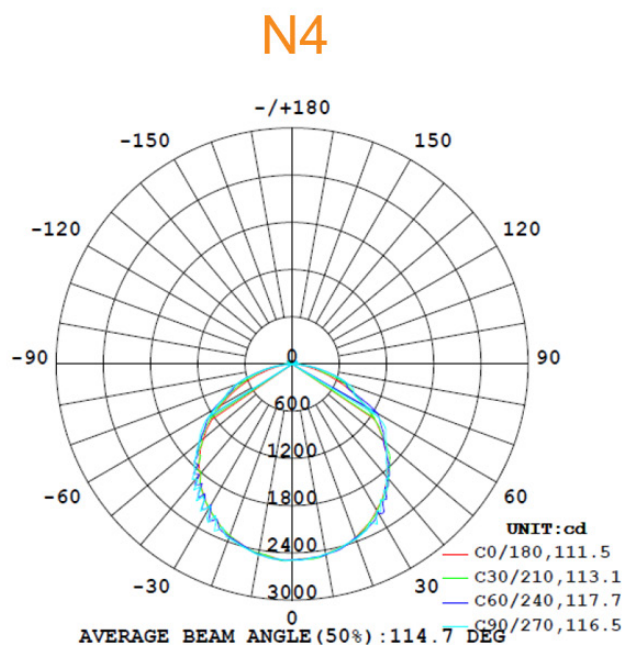
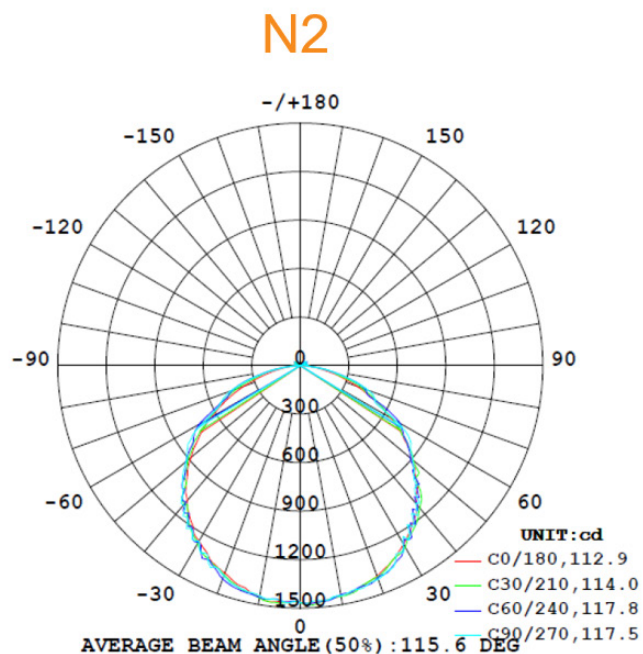
50-58mm Ø 316 stainless steel pole clamp



ELX-EYE-SS

316 stainless steel eyelet kit

Beam Distribution



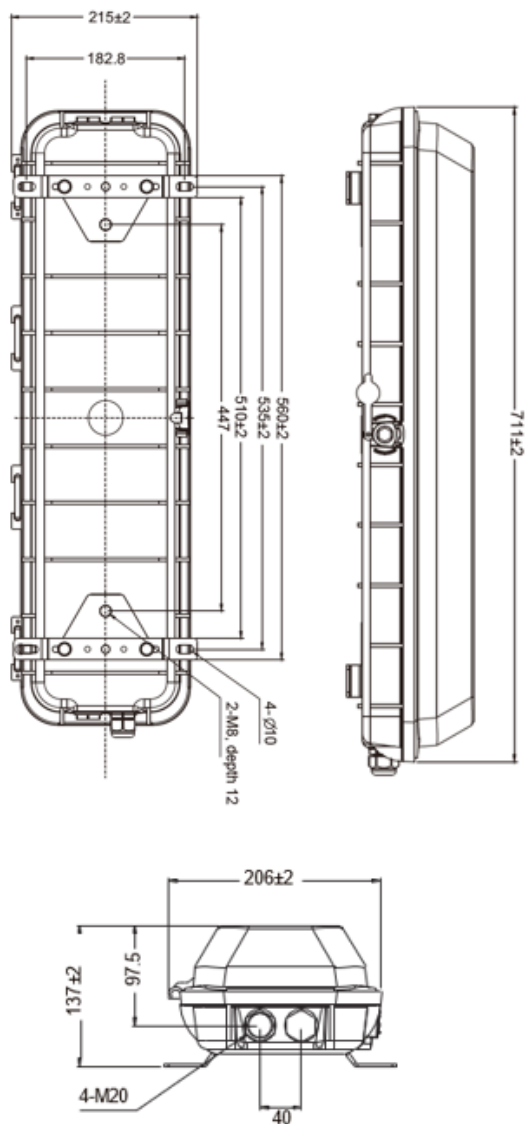
In Rush Currents

VAC 50hz	N2 Models (30W)			N4 Models (50W)		
	120	230	240	120	230	240
Peak inrush current (A)	9.5	13.7	13.7	7.9	12.9	12.9
Duration, T50 (ms)	10	8	8	10	8	8

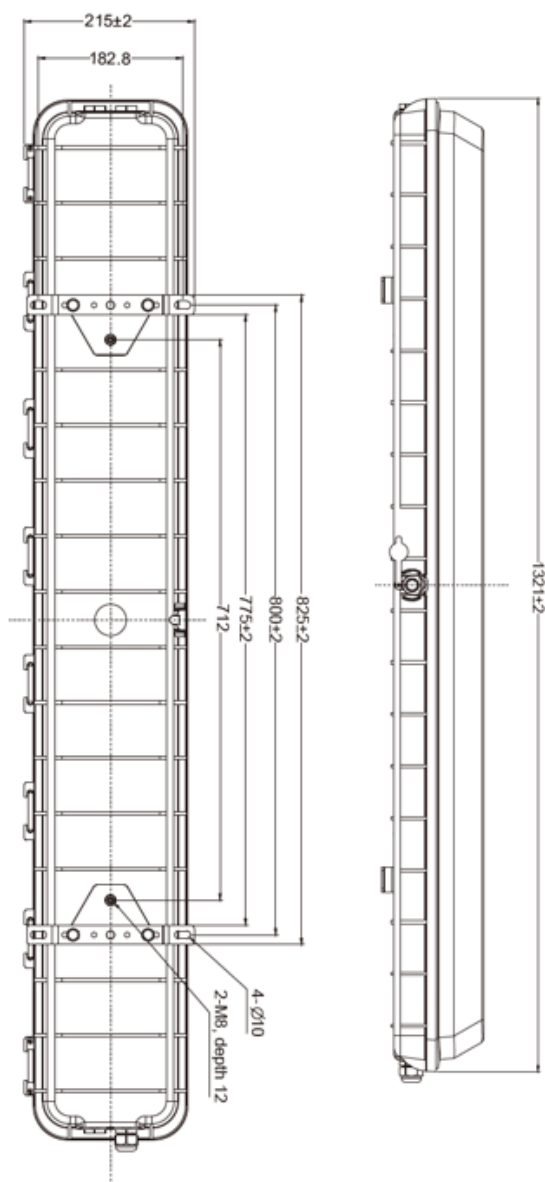
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Dimensions

N2



N4



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Fax: +971 4 409 6850
sales-emea@dialight.com

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