

ZONE 2, ZONE 21, 22 HAZARDOUS AREAS



Permit No.
2061/3631



SANS/IEC 60079-15

Permit No.
2061/3630



SANS/IEC 61241-1-1

This luminaire range has a deep drawn stainless steel body, single piece pressed frame and stainless steel clips.

The 4 mm thick lens is clear armour plate glass. Control gear is approved for Zone 2 applications. Available in single and double lamp 18 W, 36 W and 58 W versions.

Explosion Protection

N50/Ex n Ex nA IIC T4

N50/Ex tD Ex tD A21, 22 Ta T4

Ingress Protection: IP66

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Control Gear Tray: The white epoxy powder coated gear tray carries the control gear and lampholders, and is also designed to act as a reflector. Two nylon cords allow the gear tray to be suspended from the body during installation and service.

Body: The single piece deep drawn body may not be drilled on site.

Clip: Double acting. Stainless steel clips.

Lens: 4 mm thick clear tempered plate glass.

Gasket: Extruded silicone one piece gasket.

Lens Frame: Pressed from a single piece sheet without joining welds and with extra wide ends for increased rigidity.

Frame Suspension: The lens frame is suspended from two points along one side of the body to allow the glass frame to swing open during lamp change and servicing.

Control Gear: Electronic control gear to comply with Ex nA requirements. Single and double lamp versions available, with end of lamplife protection. Terminal block is rated 4 mm².

Cable entry: 20 mm entry provided for a gland, a special threaded boss can be welded in for positive sealing. Corrosion resistant glands are recommended for use with stainless steel light fittings. Any change of gland on site invalidates the Certification.

Entries: Single entry standard, twin entry a special order.

Emergency mode: Solid state inverter/chargers and Zone 2 application (available as a maintained unit only).

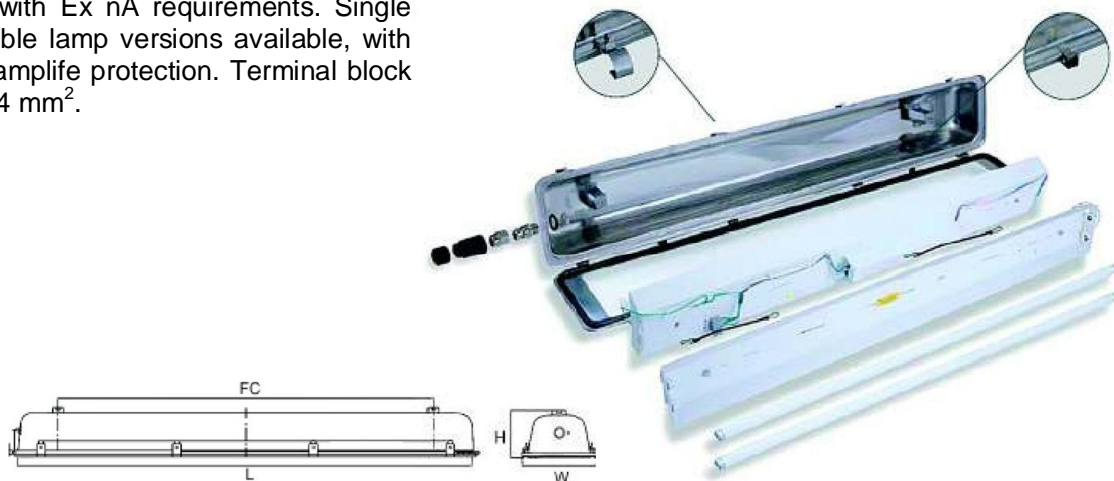
Fixing: 8 mm threaded nut welded into the rear mounting brackets, allow for either a bracket, or pole clamps.

Stainless Steel Grade: 304

Marine Grade: 316 on special order only

Note: N50 luminaires are available with single and double fluorescent lamps.

For temperature classifications, refer to Table 1 in the Technical Section of the catalogue.



Catalogue Numbers Zone 2	Dimensions (mm)				No. Lamps (W)	No. Clips	Mass (kg)	Catalogue Numbers Zone 21, 22
	L	W	H	FC				
N50 218 W/Ex n	790	219	135	490	2x18 W T8	6	7.3	N50 218 W/Ex tD
N50 236 W/Ex n	1370	219	135	1100	2x36 W T8	8	10.9	N50 236 W/Ex tD
N50 258 W/Ex n	1670	219	135	1195	2x58 W T8	10	11.9	N50 258 W/Ex tD
Emergency								
N50 218 W/Ex n/Em	790	219	135	490	2x18 W T8	6	8.5	N50 218 W/Ex tD/Em
N50 236 W/Ex n/Em	1370	219	135	1100	2x36 W T8	8	11.2	N50 236 W/Ex tD/Em
N50 258 W/Ex n/Em	1670	219	135	1195	2x58 W T8	10	12.2	N50 258 W Ex tD/Em