

ZONE 1 HAZARDOUS AREAS



Permit No.
2061/5207



SANS/IEC 60079-0
SANS/IEC 60079-7

This luminaire range has G13 lamp holders of special design to allow the use of standard bi-pin lamps and is used with an electronic control gear.

Rated 50 – 60 Hz also DC with a nominal voltage of 230 V. Optional extra: Isolating switch can be incorporated on control gear rail.

Available in emergency configuration.

Explosion Protection

N60/218/236/258 Ex ed IIC T4 IP65

N60/236/258 EM Ex ed IIC T4 IP65

Ingress Protection: IP 65

Nordland (Pty) Ltd PO Box 522 Muldersdrift 1747 Tel (011) 662 4300 Fax (011) 662 4319 Email cyril@nordland.co.za	Matelec (Pty) Ltd Unit 13, Magnum Park 108 Bofors Circle Epping 2, Cape Town 7460 Tel (021) 534 9544 Fax (021) 534 7132 Email rushana@matelec.co.za	Afrilite cc Unit 10, Rossmead 14 Malone Road Westmead Industrial Park Pinetown 3610 Tel/Fax (031) 701 1119 Email afrilite@mweb.co.za	Farad Agencies 7 Sinclair Avenue Bonnie Doom, East London P.O. Box 15015 Beacon Bay, 5205 Tel.+27043 735 2044 farad@iafrica.com	Indonesia PT. Raphita Jaya Mandiri Jl Baturaden Raya No 135 Block IV/Utara Perumahan Bumi Bekasi Baru, Pengasinan, Bekasi 17115 Tel (62) 021-8 24 26143 Fax: (62) 021-8 24 26152
---	--	---	--	--

Control Gear Tray: The white epoxy powder coated gear tray carries the control gear and lamp holders, and is also designed to act as a reflector. Two 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.

Clips: Double acting stainless steel with M4 socket head screws on outer 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 to 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 designed to operate in conjunction with the special single lead G13 lampholders. The special electronic gear has a safety cut out feature, this prevents lamp flicker and extends lamp life. Rated nominally 230 V, DC or 50/60 Hz, operational range is between 200 and 250 V.

Lamp Holders: Special G13 lamp holders, with only one lead per lamp, to prevent sparking. Spring loaded to maintain contact pressure and to absorb structural vibration.

Cable Entry: Threaded 20 mm entry provided for a gland via a special welded insert boss is positioned about 60 mm from the mounting surface to facilitate installation. 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: Provision can be made to run one lamp from an emergency circuit based on rechargeable nickel cadmium cells.

Fixing: 8 mm threaded nut welded into the rear mounting brackets, allow for either a bracket, or pole clamps. The fitting is supplied with Eye bolts for an easy, suspended installation.

Stainless Steel Grade 304.

Marine Grade: 316 on special order only.

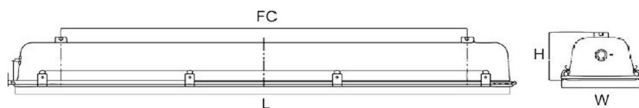
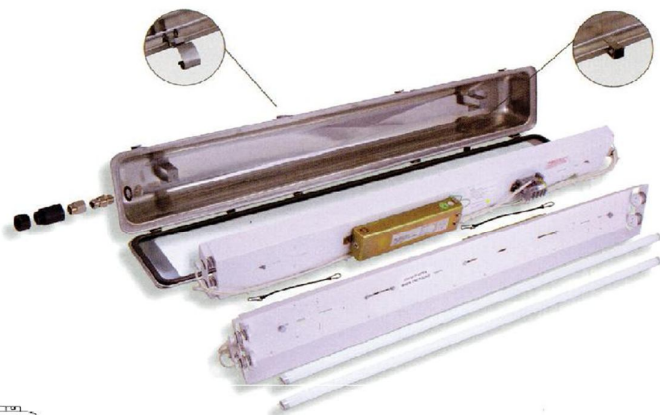
Isolating Switch: This luminaire can be fitted with an internal isolating switch.

Lightning Protection: An independent lightning protection device, well earthed needs to be inserted in the lighting circuit between the supply and lighting circuit.

Control gear damaged by lightning is not covered by guarantee.

Single and twin lamp versions have the same body dimension.

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



Catalogue numbers	Dimensions (mm)			Fixing Centres (mm) FC	No Lamps	No Clips	Mass (kg)
	L	W	H				
N60 218 W	790	219	315	490	2x18 W T8	6	7.3
N60 236 W	1370	219	135	1100	2x36 W T8	8	10.9
N60 258 W	1670	219	135	1195	2x58 W T8	10	11.9
N60 236 W/EM	1370	219	135	1100	2x36 W T8	8	11.2
N60 258 W/EM	1670	219	135	1195	2x58 W T8	10	12.2