

N50 HID



ZONE 2, ZONE 21, 22 HAZARDOUS AREA



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.

Explosion Protection

N50 HID/Ex n Ex nA nR IIC T3 Gc

N50 HID/Ex tb Ex tb IIIC T200°C Db

Ingress Protection: IP66

N50 HID

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Body: A single piece deep drawn 304 stainless steel body with 20 mm threaded boss.

Clips: Double acting stainless spring steel clips. **Lens:** 4 mm thick clear tempered plate glass, held in a heat resistant silicone one-piece gasket **Lens Frame:** Pressed as a single piece of sheet without joining welds and extra wide ends for increased rigidity.

Gasket: One piece silicone gasket with extra wide foot print for better sealing area.

Frame Suspension: The lens frame is suspended from two points on one side of the body and frame, to allow the frame to swing open during lamp changing.

Cable Entry: 20 mm threaded entry provided as a boss welded into the body for positive sealing.

Supplied with No. 0 Enviroglad for SWA cable. Single entry.

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

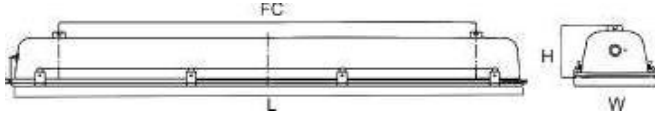
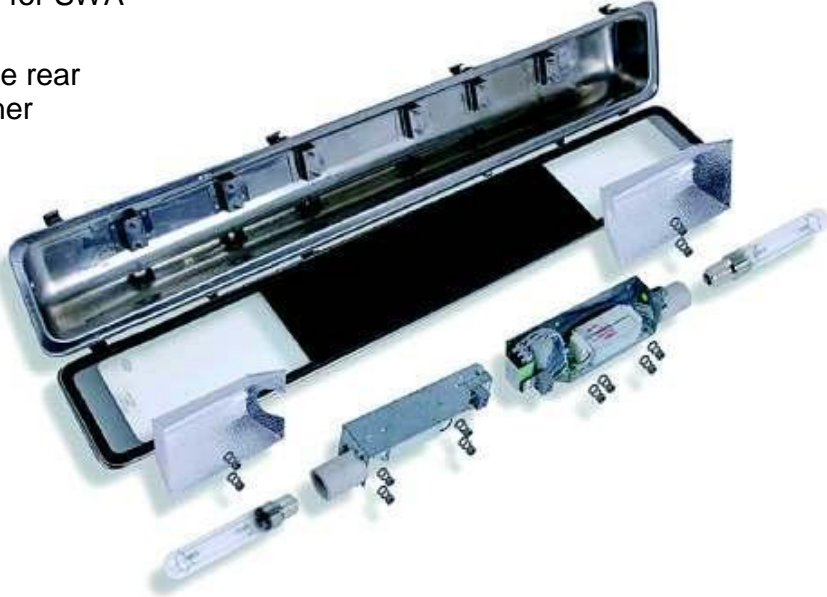
Control Gear: Mounted on a gear tray, comprising the 150 W HPS choke, Power Factor correction capacitor and ignitor with thermal cutout which protects the choke, and prevents the possibility of sparking during lamp change. **Lamp Holder:** E40 designed to prevent sparking on the high voltage contact and with antivibration spring.

Reflector: Hammered polished aluminium, designed for maximum efficiency.

Stainless Steel: Grade 304.

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

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



Catalogue Number	Dimensions (mm)				No of Lamps	No Clips	Line Current		Circuit Power (W)	Mass (kg)
	L	W	H	FC			Starting (A)	Running (A)		
Zone 2										
N50 1x150 W HPS/Ex n	790	219	135	490	1	6	1.3	0.88	180 W	7.0
N50 2x150 W HPS/Ex n	1372	219	135	1100	2	8	2.6	1.76	360 W	14.6
Catalogue Number Zone 21, 22										
N50 1x150 W HPS/Ex tD	790	219	135	490	1	6	1.3	0.88	180 W	7.0
N50 2x150 W HPS/Ex tD	1372	219	135	1100	2	8	2.6	1.76	360 W	14.6