



N50 HID

Zone 2, 21 & 22



The **N50 HID** linear luminaire range is a high-performance industrial stainless steel luminaire for use in hazardous Zone 2, 21 & 22 locations, and has been designed to operate HID lamps. It's suitable for wall, ceiling, bracket and pole mounting. The **N50 HID** continues the proud heritage of RAMIKA PROJECTS quality standards.



RAMIKA PROJECTS

N50 HID

Applications: Zone 2, 21 & 22 Hazardous locations, and Highly corrosive areas.

Body: Manufactured from Stainless steel grade 304. Marine grade 316 available on special order. The single piece deep drawn body may not be drilled on site.

Clips: Double acting stainless steel clips with M4 socket head screws on outer clips.

Lens: 4mm thick clear tempered plate glass.

Gasket: Extruded silicone one piece gasket.

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

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

Control Gear: Mounted on a gear tray, comprising the 150W HPS choke, Power Factor correction capacitor and ignitor with thermal cutout which protects the choke, and prevents the possibility of sparking during lamp change.

Note: Lightning Protection: All electronic products such as light fittings and computers are subject to violent destruction when struck by lightning. An independent lightning protection device, well earthed, needs to be inserted in the supply line before the lighting circuit, where any electronic control gear is used in light fittings. Control gear damaged by lightning is not covered under guarantee.

Lamp Holder: E40 designed to prevent sparking on the high voltage contact and with antivibration spring.

Reflector: Hammered polished aluminium, designed for maximum efficiency.

Cable Entry: Threaded 20mm entry provided for a gland via a special welded insert boss. Corrosion resistant glands are recommended for use with stainless steel light fittings. Single gland entry standard.

Mounting: 8mm threaded nut welded into the rear mounting brackets allows the luminaire to be mounted using either brackets, or pole clamps.

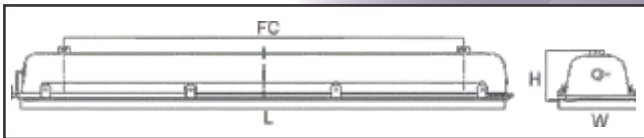
Note: N50 luminaires are available with single and double HID lamps.

Ambient Temperature Rating: -20°C - +40°C

Ingress Protection Grade: IP66

Photometric Data: Photometric files available on request.

Warranty: 1 Year



Ex-mark:

Ex nA nR IIC T3 Gc IP66
Ex nA nC IIC T3 Gc IP66
Ex tb IIIC T200°C Db IP66

Model Name	Dimensions (mm)				No. Lamps (W)	Mass (kg)
	L	W	H	FC		
N50 1x150 W HPS/Ex n	790	219	135	490	1x150 W HPS-T	7
N50 2x150 W HPS/Ex n	1370	219	135	1100	2x150 W HPS-T	14.6

Ramika Projects reserves the right to change any specification or design without prior notice.