

## ZONE 2, ZONE 21, 22 HAZARDOUS AREAS



Control gear housing in GRP.

Suspension hooks carry the weight of the luminaire.

Die cast aluminium lampholder assembly.

The high purity bright anodised spun aluminium reflector incorporates a heat tempered armour plate glass carried in a silicone seal. This is spun into the reflector to form an integral unit.

### **Explosion Protection**

**NHP/Ex n Ex nAR II T4 Ta -20°C to 40°C**

**NHP/Ex t Ex tb IIIC T200°C Db**

**Ingress Protection: IP66**

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	Australia Hella Australia (Pty) Ltd Southern Road Mentone Victoria 3194 Tel (3) 9581 9333 Fax (3) 9585 2654	Indonesia PT. Raphita Jaya Mandiri JI Baturaden Raya No 135 Block IV/Utara, Perumahan Bumi Bekasi Baru, Pengasinan, Bekasi 17115 Tel (62) 021-8 24 26143
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**Control Gear Box:** DMC glass fibre reinforced polyester, compression moulded in two sections. Urethane coated for extra corrosion protection in chemical atmospheres. **Gasket:** Silicone gasket for long life, and chemical resistance.

**Control Gear Tray:** A galvanised control gear tray, mounted into the top of the control gear housing, which carries the weight of the control gear.

**Control Gear:** Options are High Pressure Sodium; Metal Halide, and Mercury vapour. The choke is not encapsulated, allowing for easy replacement.

**Ignitor:** A timed ignitor with cut out, prevents continuous striking when the lamp becomes faulty. Requires switching after a lamp change.

**Construction:** The die cast aluminium lampholder casting is mounted on the lower half of the control gear housing which opens to allow access to the Ex n terminal block rated 4 mm<sup>2</sup>. The control gear tray is mounted into the lid via the suspension inserts. The suspension method carries the weight of the control gear. The housing is just an enclosure, rated IP66.

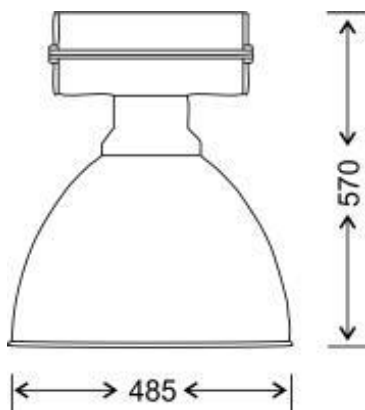
**Reflector:** A 4 mm thick tempered armour plate glass is spun into the bright anodised aluminium reflector. Gasketing ensures the IP66 rating.

**Lamps:** The reflector is designed for optimum efficiency using elliptical lamps with E40 thread. Lamp holder: The E40 lamp holder has an anti-vibration device to prevent the lamp becoming loose.

**Mounting:** Blind M6 inserts in the lid section, take either suspension hooks which are supplied, or a flat mounting bracket for ceiling mounting.

**Gland:** Supplied with a compression gland as standard. Armoured cable, requires a special gland to be confirmed with order, as an extra.

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



Catalogue Numbers Zone 2	Wattage (W)	Line Current		Circuit Power (W)	Mass (kg)	Catalogue Numbers Zone 21, 22
		Starting (A)	Running (A)			
NHP 250 W HPS/Ex n	250 W	2.10	1.42	280 W	12.0	NHP 250 W HPS/Ex tD
NHP 400 W HPS/Ex n	400 W	3.80	2.20	440 W	12.5	NHP 400 W HPS/Ex tD
NHP 250 W MH/Ex n	250 W	3.00	1.50	275 W	12.0	NHP 250 W/MH/Ex tD
NHP 400 W MH/Ex n	400 W	3.80	2.40	430 W	12.5	NHP 400 W MH/Ex tD
NHP 250 W MV/Ex n	250 W	2.60	1.35	275 W	11.0	NHP 250 W MV/Ex tD
NHP 400 W MV/Ex n	400 W	4.20	2.10	430 W	12.0	NHP 400 W MV/Ex tD