

NFP FLOODLIGHT



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 consists of two parts.

An exterior control-gear box and a separate lampholder/reflector compartment. The two units are assembled together to form an integral unit.

Extreme temperature rises are limited by the separation of control gear and lamp.

Lamps options are mercury vapour, metal halide, and high pressure sodium.

Explosion Protection

NFP/Exn Ex nAR IIC T3 Ex tD A21, 22 T3

Ingress Protection: IP66

NFP

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Body Housing: DMC Glass fibre reinforced polyester, urethane coated for extra corrosion protection. Compression moulded, with silicone gasket.

Control Gear Box: DMC Glassfibre reinforced polyester, urethane coated for extra corrosion protection compression moulded.

Gland: Compression gland supplied. With PVC/SWA cable the appropriate size gland should be confirmed on order.

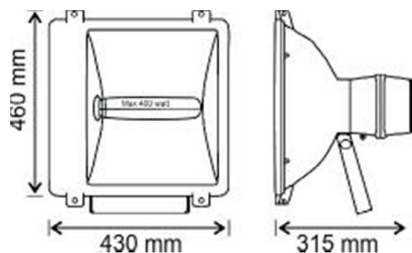
Control Gear: Certification based on low temperature rise HID control gear 230 V 50 Hz. Ignitor: Digital timed ignitor with cut out to prevent continuous pulsing to a faulty lamp. Lamps: Control gear supplied on request for,
 i. High pressure Sodium: Tubular lamps.
 ii. Mercury: elliptical lamp.
 iii. Metal Halide: Tubular lamps.

Gasket: Silicone for heat resistance.

Lampholder: Heat resistant thermoplastic E40 lamp holders with antivibration spring.

Lens Frame: DMC Glass fibre reinforced polyester, urethane coated for extra corrosion protection. Compression moulded. Hinges allow access for lamp changing.

Lens: 5 mm thick armour plate glass, glued into the frame. This unit seals to the housing by compressing a silicone gasket.



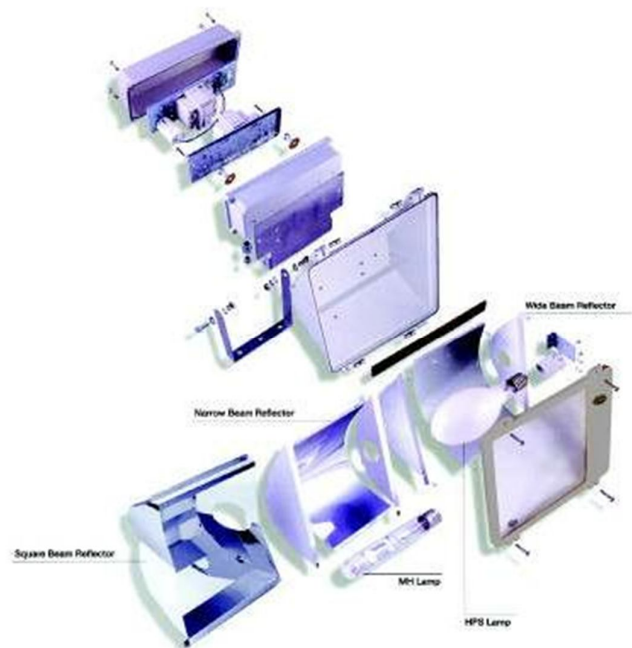
Construction: The control gear box and lampholder/reflector housing are bolted together to form a single unit. An integral bracket in the head carries the weight of the control gear and supports the trunion bracket. The fibre glass housings carry no weight and only act as an enclosure.

Mounting: Stainless steel trunion bracket for wall mounting is supplied as standard. A pole-clamp can be ordered as an extra accessory.

Reflector: Supplied with a hammered polished reflector. Special applications may require specular or a louvre reflector.

IP Rating: Ingress Protection IP 66.

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)			
NFP150 W HPS/Ex n	150 W	1.30	0.88	180 W	9	NFP150 W HPS/Ex tD
NFP250 W HPS/Ex n	250 W	2.10	1.42	280 W	14	NFP250 W HPS/Ex tD
NFP400 W HPS/Ex n	400 W	3.80	2.20	440 W	15	NFP400 W HPS/Ex tD
NFP250 W MH/Ex n	250 W	3.00	1.50	275 W	14	NFP250 W MH/Ex tD
NFP400 W MH/Ex n	400 W	3.80	2.40	430 W	14	NFP400 W MH/Ex tD
NFP250 W MV/Ex n	250 W	2.60	1.35	275 W	13	NFP250 W MV/Ex tD
NFP400 W/MV/Ex n	400 W	4.20	2.10	430 W	14	NFP400 W MV/Ex tD