



# NFP Floodlight

Zone 2, 21 & 22



The **NFP Floodlight** luminaire range is a high-performance industrial DMC, glass fibre reinforced polyester luminaire that has been certified for Zone 2, 21 & 22 hazardous areas, and designed to satisfy a wide range of industrial and area lighting applications. It is available in HID lamps and is suitable for wall, pole and high mast installation. The **NFP Floodlight** continues the proud heritage of RAMIKA PROJECTS quality standards.



**RAMIKA PROJECTS**

## NFP Floodlight

**Applications:** Zone 2, 21 & 22 hazardous areas.

**Body:** DMC Glass fibre reinforced polyester. Compression moulded, with silicone gasket. The body includes a urethane coating for extra corrosion protection.

**Control Gear Box:** DMC Glassfibre reinforced polyester, compression moulded. The control gear box includes a urethane coating for extra corrosion protection.

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

**Lens Frame:** DMC Glassfibre reinforced polyester. Compression moulded. Hinges allow access for lamp changing. The lens frame includes a urethane coating for extra corrosion protection.

**Gasket:** Silicone for heat resistance.

**Control Gear:** 230V/50Hz HID chokes, ignitors and capacitors are used with terminal block suitable for 4mm<sup>2</sup>.

**Lamps:** Control gear supplied on request for:  
 i. **High pressure Sodium:** 400, 250 or 150W Tubular lamp.  
 ii. **Mercury:** 400W or 250W, Elliptical lamp.  
 iii. **Metal Halide:** 400W or 250W, Tubular lamp.

**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.

**Reflector:** Normally hammered, alternative specular.

**Cable Entry:** Compression gland supplied as standard. With PVC/SWA cable the appropriate size gland should be confirmed on order.

**Mounting:** Supplied with a stainless steel trunion bracket as standard.

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

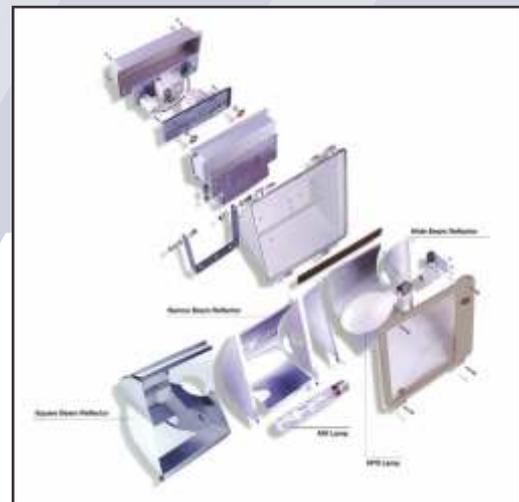
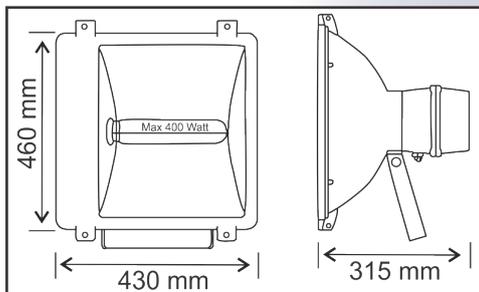
**Ingress Protection Grade:** IP66

**Screws:** All external screws on the **NFP** are made of stainless steel.

**Construction:** The control gear box and lamp holder/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.

**Photometric Data:** Photometric files available on request.

**Warranty:** 1 Year



**Ex-mark:**

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

Model Name	Wattage (W)	Mass (Kg)
NFP 150 W HPS/Ex n	150 W	9
NFP 250 W HPS/Ex n	250 W	14
NFP 400 W HPS/Ex n	400 W	15
NFP 250 W MH/Ex n	250 W	14
NFP 400 W MH/Ex n	400 W	14
NFP 250 W MV/Ex n	250 W	13
NFP 400 W MV/Ex n	400 W	14

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