





RANGE:

A wide and narrow beam symmetrical die-cast aluminium floodlight with remote control gear enclosure. Developed to complete the Nordex floodlighting range. The Vega is suitable for football training fields, stadiums, sport halls, racing circuits, golf courses and driving ranges, industrial facilities, docks and airports
Vega luminaires can accommodate 1000 / 2000 watt short-arc lamps.

CONSTRUCTION:

Housing:The housing and frame are manufactured with die-cast aluminium alloy and are finish with super thermoset polyester powder coat paint, 2.5 mil. nominal thickness, applied over a chromate conversion coating ; 2500 hours salt spray test endurance rating for outdoor uses.

Reflector:The reflector is manufactured with 99,85% purity anodised and polished aluminium. It can also be supplied with an anodised and polished aluminium flux internal baffle, to reduce the spread of light and direct glare. The luminaire can be provided with three different optical systems.

Glass Visor:Thermally toughened 5 mm. glass is provided for the standard fixing positions of the floodlight (fig. A). A chemically toughened 1,6 mm glass (ceramic glass) can be provided for the fixing positions with an angle more than 70 degrees from the vertical axis (fig. B). The front glass is fitted inside the die cast aluminium frame, which is secured by stainless steel screws to the housing.

Gaskets: All gaskets are made of anti age silicon rubber.

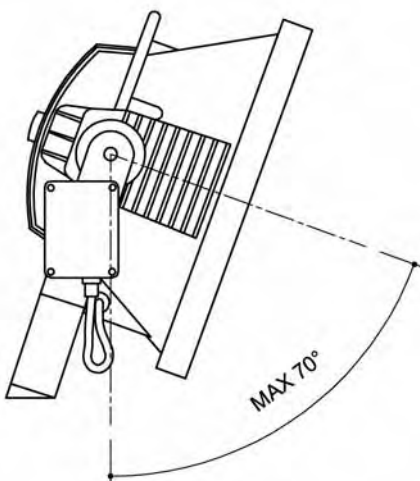


Fig. A

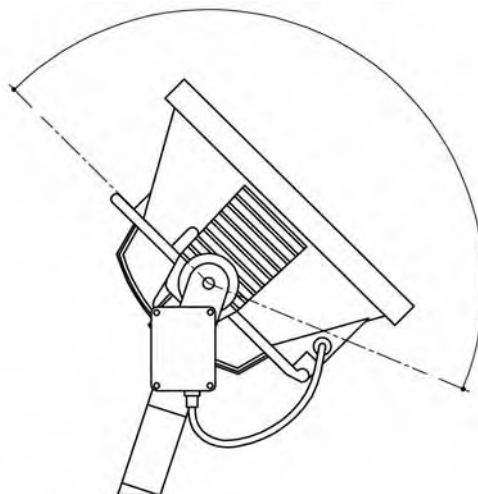
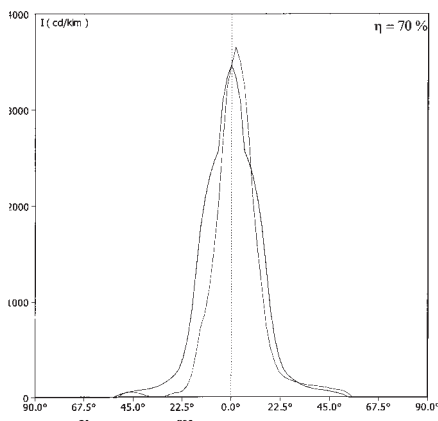
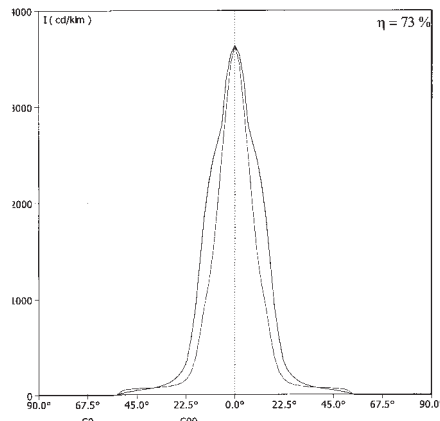


Fig. B



HQI-TS 2000W/D/S with baffle



HQI-TS 2000W/D/S without baffle



Anti Vacuum Device: A membrane valve (IP 66) has been provided on the rear section of the floodlight to avoid both compression and decompression from within the luminaire. This device has a micro-porous expanded membrane that continuously allows the free passage of gases and vapours equalising the pressure differential between the inside of the floodlight and the ambient temperature thus preventing stress to the components.

Lamp Access: Easy access for lamp replacement is provided through the door on the rear section of the floodlight housing. This door is located on the housing by the means of three stainless steel screws in order to guarantee the degree of protection.

Electrical: A polycarbonate electrical connection enclosure (IP 65) is attached to the luminaire stirrup mounting to house the ignitor. The enclosure is connected to the housing assembly via a flexible steel tube. This enclosure is provided with a cover and gasket secured by stainless steel screws. An electrical safety micro-switch on the rear cover will disconnect the mains supply on opening the floodlight for maintenance purposes.

Voltage: 230 volt, 50 Hz for 1000 watt HQI-TS/D/S lamp and 400 volt for 2000 watt HQI-TS/D/S lamp.

Wiring: Silicon THT-1.5 sq. mm cables.

Lampholder: K12s-7.

MECHANICAL:

Mounting is via a galvanised, heavy duty, high gauge steel stirrup with incorporated aiming device. To ensure the selected angle of distribution is maintained, whatever the weather conditions, a security locking bolt is provided. (This prevents periodic adjusting of the vertical angle of the floodlight). The stirrup has been designed with 30-degree angle toward the front of the floodlight in order to secure a very wide degree of orientation without obstructing the lighting beam.

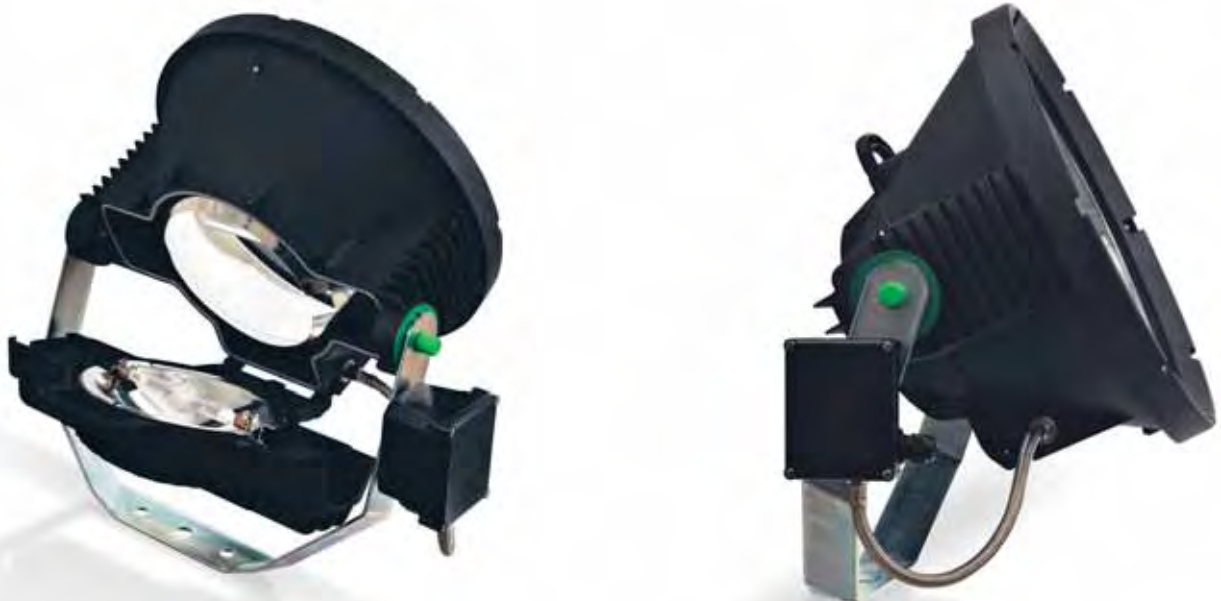
OPTIONAL:

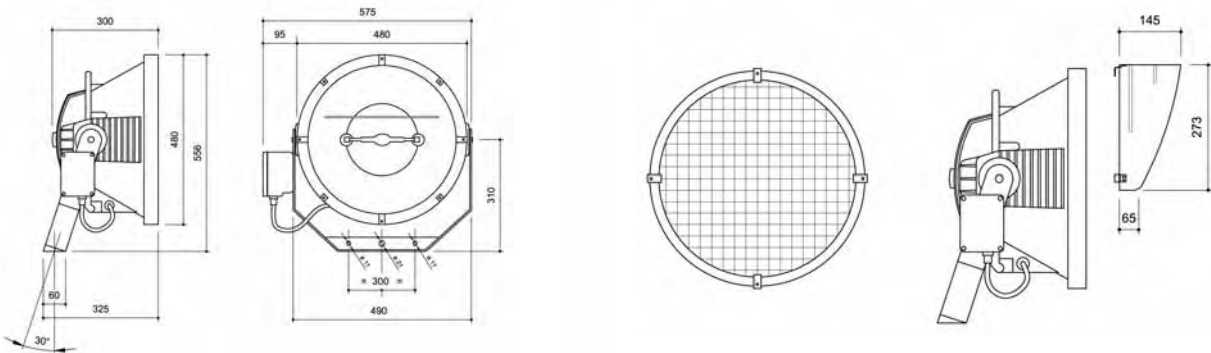
- Immediate hot re-strike facility can be provided on request.
- Antiglare deflector made of sendzimir steel and painted with polyester powder in grey colour to be fixed by stainless steel screws to the frame.
- Wire guard of stainless steel wire mesh to be fixed to the frame to provide major security in the case of lamp explosion.

SPECIFICATION:

Designed in accordance with the following European Standards: CEI 34-21 and EN60598-1

Aerodynamic Resistance (CXS): 0.20 sq. m





ORDERING DATA

CODE N°	LAMP	LAMP HOLDER	WEIGHT KG
NX4990	EMPTY	K12S-7	11,80
NX4991	EMPTY c/w ignitor	K12S-7	12,00
NX3454	Wired control gear box 1000W 230V		9,80
NX3456	Wired control gear box 2000W 400V		11,50