



HNF 003

Floodlight Projector

A range of floodlights that combines both efficiency in performance with versatility in application where optical efficiency and mechanical durability are required.

RANGE

Available in both narrow and wide beam versions for 1 x 400W SON/T, 1 x 250W SON/T, 1 x 250W HPI/T or 1 x 400W HPI/T lamps.

A pre-wired control gear box enclosed to IP54 is available to operate the above lamps.

APPLICATIONS

Applications include:

- Sports grounds
- Marshalling yards
- Car parks
- Skating rinks
- High mast roadlighting
- Indoors sports halls
- Shipyards
- Floodlighting buildings
- Security lighting

FEATURES

Careful choice of materials ensures a non-corrodible luminaire to give a long life in fairly arduous conditions.

- A silicone rubber gasket for jet-proof and dustproof sealing of front glass.
- The floodlight housing and rear cover are high pressure die-cast aluminium.
- The castings have a low copper content for excellent corrosion resistance in coastal and industrial outdoor conditions.
- Reflectors made of high grade aluminium for precise beam control.
- A cast, beam-aiming sight and protractor scale for accurate daylight adjustment.
- Supplied complete with 1 x PG11 cable gland.
- Access for lamp installation and replacement made simple by the removal of the rear cover. Particularly important when the floodlights are mounted on a gantry.



- Easily operated clips on the rear cover can be opened only with a simple tool and closed by hand. This ensures the floodlight cannot be opened by unauthorised persons.
- Luminaire is dustproof and jetproof.



LIGHTING

Europe's No1 Lightmaker

PHILIPS

RANGE OF OPERATION

Supply voltage:
240V 50Hz nominal.
Control Gear is required to run the lamp.

Earthing:
HNF 003 has Class I electrical protection. An earth is therefore required.

Ambient Temperature:
Max. 40° C.

MATERIALS & FINISH

Housing and rear cover: high pressure die-cast aluminium.
Reflectors: High grade aluminium.
Clips: Stainless steel.
Front glass: 5.5 mm thick toughened plate glass.
Gaskets: Silicone rubber.

SPECIFICATION

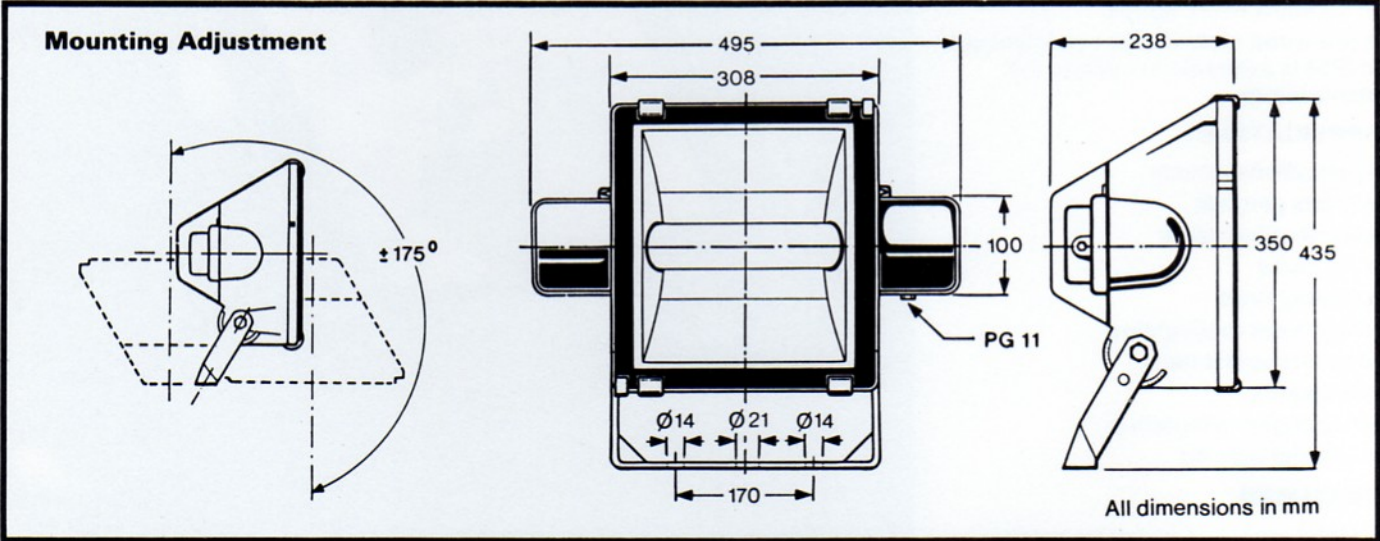
- Type compliance with BS 4533, Section 102.5.
- International Protection category IP55.
- Class I electrical protection (this luminaire requires an earth connection).

WEIGHT

Weight of luminaire complete with lamp – 7.3kg (16.08lb.)

ELECTRICAL DATA

Lamp	Ballast	Capacitor	Ignitor	or	Prewired Gear Box
250W SON/T	BSN250	2 × L4016	SN50		S2500
400W SON/T	BSN400	2 × 4020	SN50		S4000
250W HPI/T	BHL250	2 × 4020	SI51		N/A
400W HPI/T	BHL400	2 × L4016	SI51		H4000/2

**ORDERING DATA**

Catalogue No.	For Lamp types	Distribution	Packing quantity
HNF 003/1	250W SON/T } 400W SON/T } 250W HPI/T } 400W HPI/T }	Narrow	1
HNF 003/2	250W SON/T } 400W SON/T } 250W HPI/T } 400W HPI/T }	Wide	1

For additional technical information, apply to Marwood Electrical Company Limited