



400W High Pressure Sodium Floodlight

Stock No. 743-280

1. General

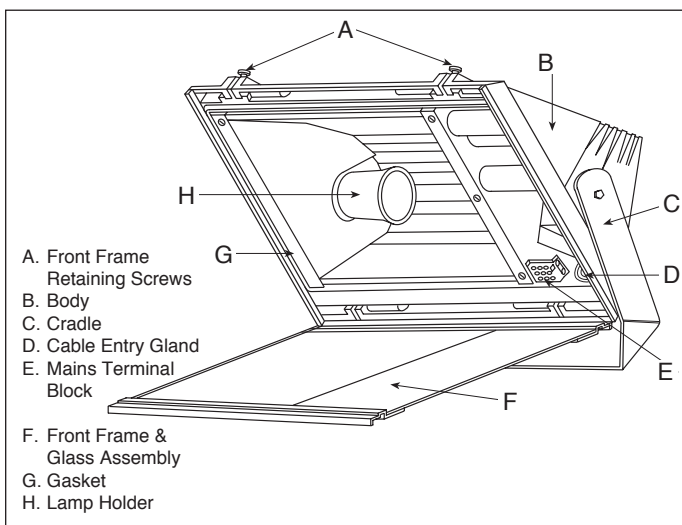
The RS high pressure sodium floodlight luminaire is designed for exterior floodlighting of car parks, precincts, industrial yards, loading bays, airports etc.

It is constructed from a one piece corrosion resistant and fire retardant GRP moulding with a toughened glass front. The luminaire complies to BS4533.

WARNING

ALWAYS ENSURE THE SUPPLY IS DISCONNECTED BEFORE AND DURING INSTALLATION, MAINTENANCE AND LAMP REPLACEMENT.

Keep this leaflet for service reference

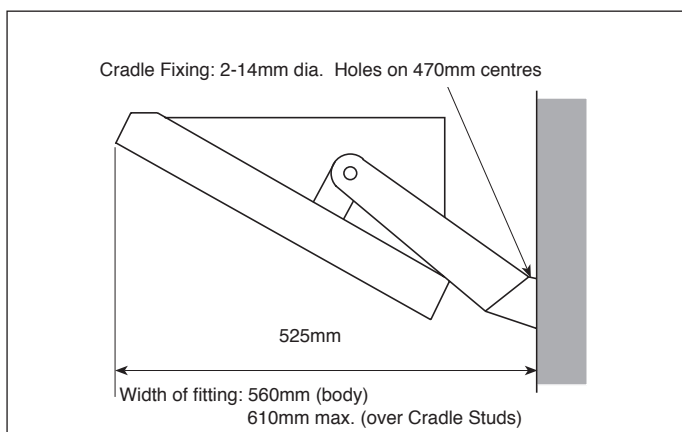


2. Mounting

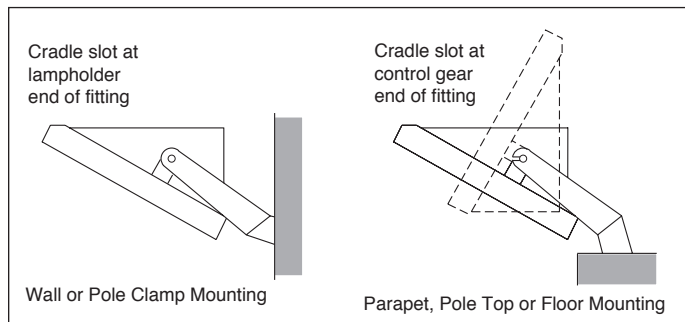
Fit the cradle to the wall, ceiling or floor in the required position using 2 x 12mm bolts, (not supplied) on the 470mm fixing centres. (The other holes are for 'U' bolts to fix the fitting to poles if required). Note the position of the slot in the one arm and ensure cradle is fitted as indicated in the sketches below. The slot must not point downwards.

Offer the luminaire up to the holes on one end of the cradle and slot into the other end of the cradle. When the fitting is in the required position, tighten up the two M10 locknuts to secure the fitting. (The peak beam indicator is on the side of the fitting).

Cradle Mounting Version



Note: Cradle must be orientated to suit mounting application - see below.



3. Wiring

Loosen all 4 retaining screws and hinge front frame forward to expose the gear tray.

Loosen the 2 screws on the cable grip. Pass a 3-core cable into the fitting (max. dia. of 10mm), through the cable gland and make connections to the terminal block. (Max. 6mm² per terminal).

Tighten the cable grip and cable gland to ensure seal.

Close the fitting and tighten the 4 retaining screws fully to ensure a weather seal.

Test for insulation and continuity before switching on. No damage will occur to the electronic ignitors contained in the fitting provided the test voltage during the insulation resistance test is limited to 500V d.c.

4. Fusing

All discharge lamps pass a higher than normal current during the starting-up and warm-up period.

The recommended fuse rating is given below:-

Wattage	H.C.R. Fuse
400	13A

5. Lamp Replacement

Important/Safety - Ensure mains supply is fully isolated before servicing or inserting new lamp.

1. Loosen all 4 retaining screws and hinge front glass forward.
2. Screw lamp into lampholder.
3. Close fitting and tighten the 4 retaining screws to ensure a weather seal.

To Change Tubular To Elliptical Lamps

1. Loosen all 4 retaining screws and hinge front glass forward.
2. Unscrew lampholder retaining screws (slotted head) and move lampholder to line up with the other set of holes (with captive nuts) this position allows the use of elliptical lamps.
3. Close fitting and tighten the 4 retaining screws to ensure a weather seal.

6. Technical Specification

Lamp Wattage	400W
Supply Voltage	240V a.c. 50Hz
Environmental Protection rating	IP65
Weight (max.)	15.6kg