

Sunspot

1:1

A narrow beam, high intensity projector for feature lighting with warm white (3000K) single-ended compact metal halide or tungsten halogen lamps. Particularly suitable for lighting churches, statues, towers, flag poles and signs.

Key Features

- Variation in beam achieved by a choice of front glass
- Metal halide version supplied with 3000K colour temperature lamp
- Also suitable for 4000K 150W HIT lamp
- Integral control gear
- Tungsten halogen versions for 300W and 500W lamps (not supplied)

Lamp Types

-  150W HIT, cap: G12
-  300W, 500W QT single ended halogen with 'bi-plane' filament, cap: GY9.5

Materials/Finish

Two-part body: LM6 cast aluminium, finished black
 Metal halide wiring box: Cast aluminium
 Tungsten halogen wiring box: Black moulded plastic
 Stirrup: Galvanised steel
 Lens bezel: Aluminium

Installation/Mounting

Floodlight is fully adjustable on stirrup.
 Rear section is removable for relamping without disturbing aiming angle. Combined gland/cord grip for 9-12mm Ø cable in 20mm entry.
 Floodlight must be mounted at least 2.25m from any combustible material. Tungsten halogen version uses clear front glass retained by aluminium bezel.
 Metal halide version has a cast aluminium box with integral control gear fixed to rear of floodlight.
 Note: Metal halide floodlight should not be operated without a front glass. Versions supplied without glass must order glass separately.

Standards

Designed and manufactured to comply with EN 60598  IP54 

Specification

To specify state:
 Enclosed narrow beam exterior floodlight with cast LM6 aluminium body for single-ended.
 150W metal halide or 300W/500W tungsten halogen lamp.
 As Thorn Sunspot.

Ordering Guide OSQ150 supplied with lamp but front glass must be ordered separately.
 OSQC500 supplied with front glass but lamp to be ordered separately.

Lamp type & rating	Description	Weight (kg)	Cat. No.
Single ended metal halide 150W	Floodlight with gear, stirrup and lamp. Less front glass	11.0	OSQ150
Halogen 300W	Floodlight with clear OMC glass and stirrup. Less lamp	7.2	OSQC500
Halogen 500W	Floodlight with clear OMC glass and stirrup. Less lamp	7.2	OSQC500

Note: Windage 0.07m².

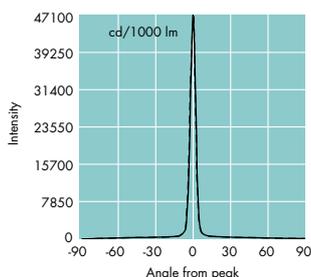
Attachments

Description	Beam type	Cat. No.
Clear glass	Symmetric	OMC
Stippled glass	Symmetric	OMS
Prismatic glass	Di-symmetric	OMP
Wide glass	Di-symmetric	OMW
Extra wide glass	Di-symmetric	OME
Hood		OGD

Export voltages available, refer to page 559 for details.

Photometric Data

Cat. No. OSQ 150 + OMC



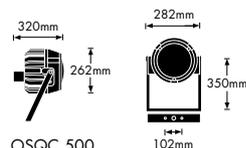
Beam data		
Peak intensity (I) cd/klm	47000	
Beam factor to 10% peak (I)	0.29	
Beam angle to 10% of peak (I)	Horizontal	2 x 4°
	Vertical	4°/5°
Beam angle to 50% of peak (I)	Horizontal	2 x 2°
	Vertical	2°/2°
Beam angle to 1% of peak (I)	Horizontal	2 x 9°
	Vertical	8°/8°

— horizontal
 - - - vertical
 Lamp: 150W HIT

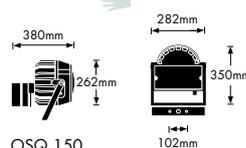
Option



OSQ 150



OSQC 500



OSQ 150

