

Tungsten Fresnel Range

Photon Beard manufactures a complete family of Tungsten Fresnel luminaires under the PhotonSpot brand name for use in both the studio or ENG applications.

The entry point is the 300W unit and the range includes the 650W, 1kW and 2kW units. The 650W will also accept a 300W or 500W lamp.

Launched in early 2007, this range has proved extremely popular with its lightweight construction and superior light output.



Why is the PhotonSpot range better than other Tungsten Fresnels?

The robust lamphouse is made entirely from aluminium extrusion and sheet, so there are no annoying 'pings' and 'creaks' as it warms and cools. Speaking of which, the superior convection ventilation means it runs cooler than other diecast types.

All Photon Beard Tungsten heads feature our unique Anti Surge technology that limits the inrush current on cold switch on. This helps to reduce the stress on the lamp filament and leads to improved lamp life.

The lamp carriage runs on rollers, not slides, and is driven by a reliable rack and pinion mechanism for ultimate smoothness and zero backlash.

The focus control is by pole-op cup (except 300W model) and incorporates a friction clutch, so clumsy pole operation will not damage the focus mechanism.



Access to the lamphouse is via a sliding top cover running in rails. How often have you come across a bent hinged cover, which either won't close or won't lock? And our lock is positive and made for single-handed operation, right by the insulated tilt handle on the back. Most spotlights have spring-loaded accessory locks, usually made of flimsy alloy. Ours are steel, they won't snap off.

Naturally the beam quality and focus range are also excellent.

← Easy access to the lamphouse.

PhotonSpot 300W, 650W, 1kW & 2kW Fresnel Lens, Focus Floodlight

Introducing a brand new range of tungsten Fresnels, which complements our studio lighting portfolio. The new products offer Photon Beard's customary dependable design and construction, coupled with an innovative application of lamp technology and optical design.

The lamp heads are manufactured from aluminium extrusions and aluminium sheet for low weight, quicker cooling and compact size, and come complete with pole operated focus as standard.



PhotonSpot - Product Views



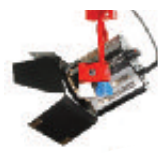
The 300W Fresnel



The 650W Fresnel



The 1kW Fresnel

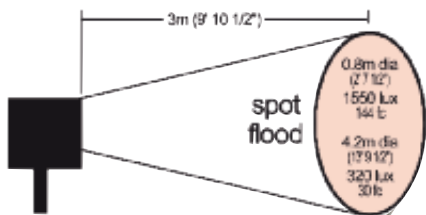


The 2kW Fresnel



Tungsten Fresnel Range

PhotonSpot 300W



Beam angle 14 – 64 deg.
CP81 240v 300W 3200K lamp

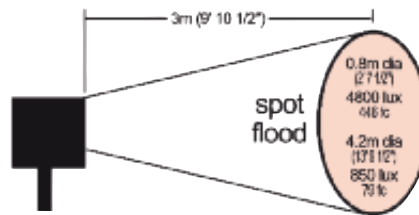
PhotonSpot 300W

Size – 136w x 132h x 141d
Weight – 2.0kg
Lens – 80mm
Lamp – CP81 650W

The 300W Fresnel



PhotonSpot 650W

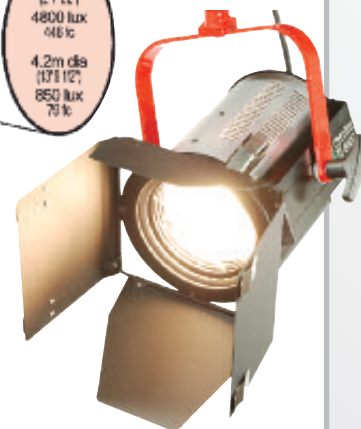


Beam angle 14 – 64 deg.
CP89 240v 650W 3200K lamp

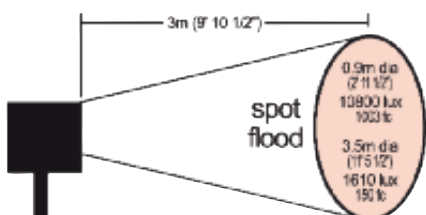
PhotonSpot 650W

Size – 210w x 162h x 193d
Weight – 2.4kg
Lens – 112mm
Lamp – CP89 650W
Will also accept a
300W or 500W lamp

The 650W Fresnel



PhotonSpot 1kW

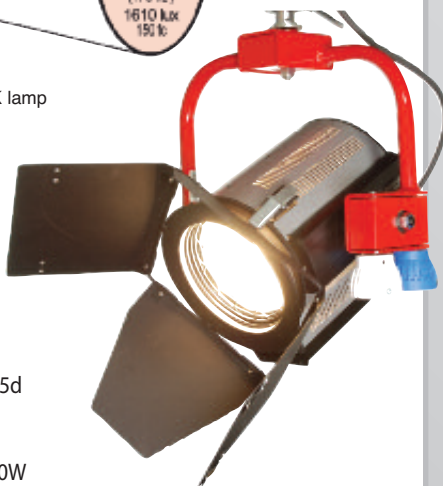


Beam angle 11 – 58 deg.
CP40 240v 1000W 3200K lamp

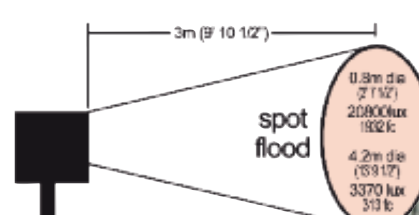
PhotonSpot 1kW

Size – 278w x 219h x 225d
Weight – 3.5kg
Lens – 130mm
Lamp – CP40/CP71 1000W

The 1kW Fresnel



PhotonSpot 2kW



Beam angle 13 – 60 deg.
CP92 240v 2000W 3200K lamp

PhotonSpot 2kW

Size – 320w x 270h x 265d
Weight – 4.6kg
Lens – 175mm
Lamp – CP92 2000W

Catalogue Numbers:

2200 – 300W
3300 – 650W
4400 – 1kW
5500 – 2kW

for Pole operation add suffix P
for Schuko style plug add suffix EUR
for 110v operation add suffix USA

The 2kW Fresnel



PhotonSpot Luminaires are available as kits in soft and hard cases

For example, the NEW **A418** 3-head PhotonSpot 650W Soft Case Kit (UK version with 13A plug and lamps), includes: 3 x 3300 650W PhotonSpot Fresnel spotlights, complete with four leaf Barndoor, filter frame, 6m cable with switch, 13 amp plug, lamp, 3 x E907M compact stands and 1 x F823 soft polycord kit case. (Size: 90 x 36 x 23cm. Weight: 16kg).

See other kits on page 25

