

ENVIRONMENTAL LIGHTING



Floodlights, Fresnel & Profile Spotlights

Creativity with Light

Designed around efficient long life 150W miniature discharge lamps the Helios range offers to the environment lighting designer, a choice of luminaire types so long enjoyed by theatre lighting designers.

At last a powerful choice of subtle or dramatic visual attention control techniques in small, compact energy saving luminaires.

(Picture: next department store, Kensington High St.)



CCT lighting

WINDSOR HOUSE 26 WILLOW LANE MITCHAM SURREY CR4 4NA Tel: 01-640 3366 Telex: 946648



Profile spotlights



A Profile shaping spotlight with zoom lens control between 26 degrees and 45 degrees.

The "Helios" profile spotlight is perfect for those applications where a precisely lit area of virtually any shape is required. The beam shape and size is adjustable by means of externally controlled shutters or iris diaphragm accessory. Etched stainless steel Gobo patterns can be projected offering an endless choice of light and shadow effects to the designer. Externally operated Zoom lenses provide hard or soft focusing of the beam between 26 degrees and 45 degrees.

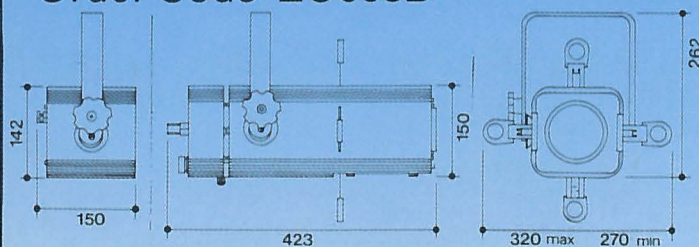
A narrow angle version of this spotlight Z0602D, is available with beam angle control between 19 degrees and 39 degrees.

The luminaire is constructed in two sections from aluminium extrusions and formed aluminium and steel sheet. The front section contains reflector and lampholder chassis for 150W metal halide discharge lamp. The reflector can be tuned externally for peak or flat beam performance. In front of the lamp and reflector is a gate, comprising four independently operated stainless steel shutters for beam shaping and runners for optional iris diaphragm or gobo pattern holder. Two independently operated 88 mm plano convex lenses provide for beam size and focus control between 26 degrees and 45 degrees. There are front runners for colour frame accessory. The rear section contains ignitor unit with panel recessed 3 pin auto eject connector for incoming supply. Yoke can be used with desired suspension system. Angular adjustment is by means of palm grip knob and clamp disc. Standard finish is baked epoxy black. The luminaire must be used in conjunction with "Helios" ballast Z0007.

Accessories:

- Spare Colourframe **Z0431**, drop-in iris **Z0422**, drop-in Gobo holder **Y0123**.
- Roto Gobo pattern holder **Z0100**

Order Code **Z0603D**



SUITABLE LAMPS

Weight: **Z0007** 4.1kg **Z0603D** 4.5kg

Y0056 MBI-T 150 Watt ARCSTREAM THORN 6000 hours, 3000 degrees Kelvin 80 lumens/Watt (Available shortly 150 Watt ARCSTREAM THORN), 4300 degrees)
(Also available shortly 70Watt ARCSTREAM THORN)

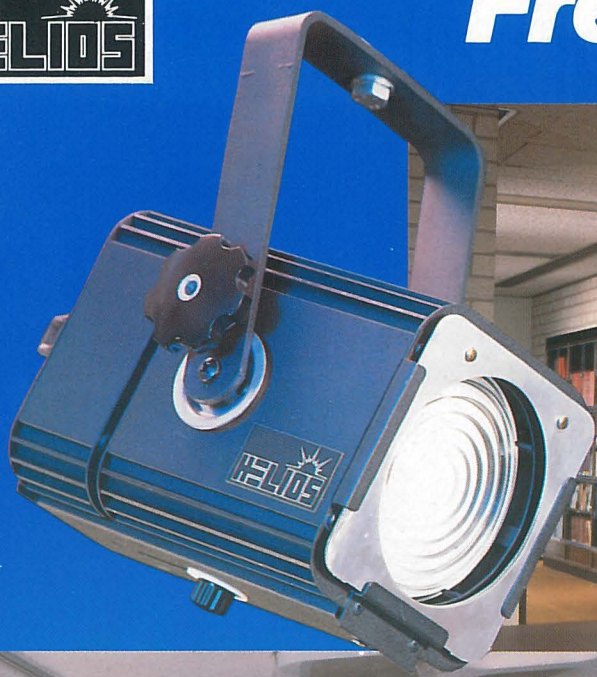
Y0057 HQI-T 150 Watt POWER STAR WOTAN, 6000 hours, 3000 degrees Kelvin
(Also available 70Watt POWER STAR-WOTAN)

Photometric data is available on request

"Helios" ballast enclosure is of aluminium extrusions and formed aluminium sheet 220/240v primary, 95v lamp secondary at 0.9PF. Fitted with one metre, three conductor silicon cable for mains input, and three metre for output to luminaire fitted with auto eject Bulgin connector. Ballast is complete with aluminium yoke, having tilt locking. Single enclosure accessory for up to six ballast units is available.



Fresnel spotlight



A spotlight having variable beam angle of between 20 degrees and 67 degrees.

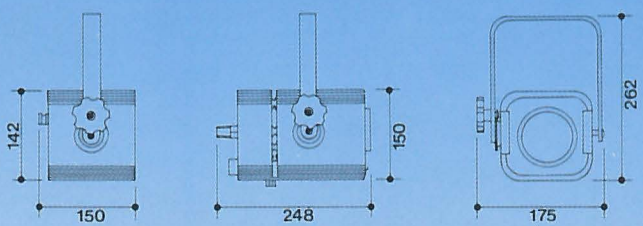
The "Helios" Fresnel spotlight produces a soft edged variable beam particularly suitable for subtle three dimensional modelling and highlighting. Its variable beam angle provides a wide choice of throw and beam dimensions. Barn door and colour filter accessories are available.

The luminaire is constructed in two sections from aluminium extrusions and formed aluminium and steel sheet. The front section contains reflector and lampholder chassis for 150W metal halide discharge lamp, and fixed 112 mm borosilicate fresnel lens. The lamp chassis is externally controllable with locking knob for beam angle selection. Front runners provide for colour frame and barn door accessories. The rear section contains ignitor unit with panel mounted recessed 3 pin auto eject connector for incoming supply. The aluminium yoke can be used with desired suspension system. Angular adjustment is by palm grip knob and clamp disc. Standard finish is baked epoxy black. The luminaire must be used in association with "Helios" ballast Z0007.

Accessories:

colour frame **Z0431**, barn door **Z0043**

Order Code **Z0642D**



SUITABLE LAMPS

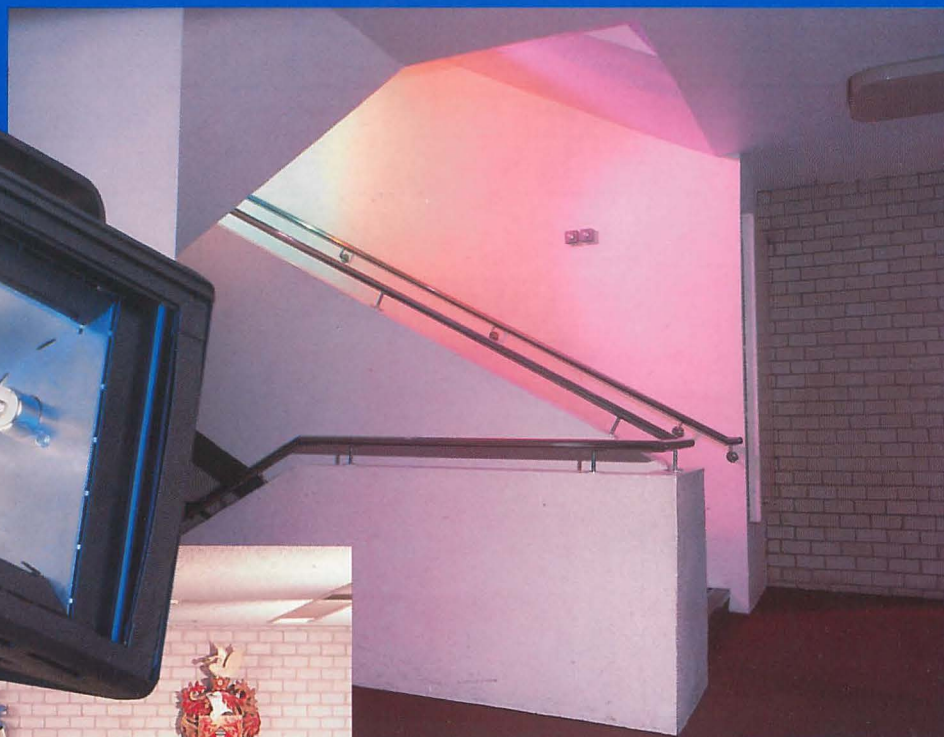
Weight:	Z0007	4.1kg	Z0642D	2.8kg
Y0056	MBI-T 150 Watt ARCSTREAM THORN 6000 hours, 3000 degrees Kelvin 80 lumens/Watt (Available shortly 150 watt ARCSTREAM THORN), 4300 degrees) (Also available shortly 70 watt ARCSTREAM THORN)			
Y0057	HQI-T 150 Watt POWER STAR WOTAN, 6000 hours, 3000 degrees Kelvin (Also available 70Watt POWER STAR-WOTAN)			

Photometric data is available on request

"Helios" ballast enclosure is of aluminium extrusions and formed aluminium sheet 220/240v primary, 95v lamp secondary at 0.9PF. Fitted with one metre, three conductor silicon cable for mains input, and three metre for output to luminaire fitted with auto eject Bulgin connector. Ballast is complete with aluminium yoke, having tilt locking. Single enclosure accessory for up to six ballast units is available.



Floodlight



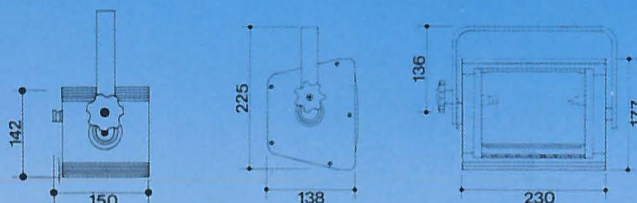
Ideal for smooth top to bottom lighting of vertical surfaces.

The "Helios" floodlight has been designed to give an even asymmetric beam of light, ideal for general or colour wash illumination of walls, vertical displays and the like. Spring colour frame allows rapid fitting of colour filters.

The luminaire is constructed from aluminium extrusions and formed aluminium sheet. Internal chassis has asymmetric aluminium reflector and double ended holders for 150W metal halide discharge lamp. The internal lamp ignitor is wired to recessed Bulgin connector. An internal safety micro switch ensures that the luminaire cannot be switched on unless the tempered front safety glass is in position. The aluminium yoke can be used with desired suspension system. Angular adjustment is by palm grip knob and clamp disc. Sprung colour frame is finger located in front magazine. Standard finish is baked epoxy black. The luminaire must be used in association with "Helios" ballast **Z0007**.

Accessories:
Barn Door **Z0045D**

Order Code ZOC46D



LAMP

Weight:	Z0007	4.1kg	ZOC46D	2.6kg
Y0055	HQI-T 150 Watt POWER STAR WOTAN, 6000 hours, 4300 degrees Kelvin 80 lumens/Watt			

Photometric data is available on request

"Helios" ballast enclosure is of aluminium extrusions and formed aluminium sheet 220/240v primary, 95v lamp secondary at 0.9PF. Fitted with one metre, three conductor silicon cable for mains input, and three metre for output to luminaire fitted with auto eject Bulgin connector. Ballast is complete with aluminium yoke, having tilt locking. Single enclosure accessory for up to six ballast units is available.