

Harmony Spotlights (1981)



All of the lanterns in the Harmony series have a fully integrated housing of finned, extruded sides and interlocking pressure die-castings including internal colour runners. Rear grab handle is fitted as standard. The alloy fork is adjustable in height and also adjustable throughout the whole length.

The Harmony series embody new safety features but in a way that these do not inhibit practicability. These include a power connector which automatically separates when the rear-hinged, full width internal access is opened, a safety bond anchorage on the housing, sprung safety clips over both the colour frame and the gate runners, and an integral 25mm mesh lens guard.

Optical improvements were made to this range in 1982. These improved beam distribution quality both at peaky and flat field settings. In general terms the half peak angle is greater and the peak value is reduced, resulting in a much cleaner beam.

WHAT ARE THE DIFFERENCES?

On the Harmony 12, 22 and 15/28, a new reflector with annular rings was mounted from the rear casting (originally a different reflector was mounted from the front). On the Harmony 22/40 it is more difficult to identify visually because a different reflector with a special surface texture over part was mounted from the front.

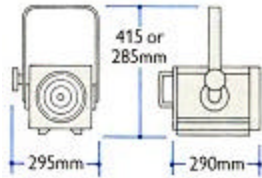


Harmony Fresnel

The new, more compact 1000W Fresnel spot, the second workhorse of the professional theatre and large assembly halls but equally useful in small studios. The soft edged beam, is variable from a tight spot to a wide angle flood - light output easily outstrips larger units of the same power rating.

The addition of a four door rotatable barndoor attachment (photo left) allows the soft edges of the beam to be contained and roughly shaped.

1000W Lamp RSE/19 or RSE/70, GX9.5
 Spot 121,000 cd, ½pk.angle 6.5°, tenth peak angle 13.5°
 Flood 13,000 cd, ½pk.angle 52°, tenth peak angle 58.5°
 Based upon RSE/19
 Weight 5.9kg



integral



27 262 04



23 205 01



Harmony PC

Single adjustment for a diffused beam variable from a very tight spot, similar to a beamlight, to a wide angle flood. The beam edge quality, which is free from colouration, is similar to a soft-focused profile spot, but much tighter than that of a fresnel. This luminaire is therefore a valid alternative to the matching Fresnel for 'tighter' lighting and to a profile for faster focusing. The beam can be roughly shaped by the addition of a four door rotatable barndoor attachment but still retains the attractive diffused edge quality.



Harmony 15/28

Narrow 15° to medium wide 28° variable spread Profile spot which provides the flexibility and the light output to complement throw distances between 6 and 17 metres. The beam can be accurately shaped by the four beam shaping shutters. The two internal lenses are moved independently by unique, scaled rotary controls adjacent to the gate plane which includes four beam shaping shutters and gate runners, with top access lead-in, for addition of an iris diaphragm or pattern (gobo) holder.



Harmony 22/40

The 22° to 40° maximum beam spread is especially useful for accurate beam shaping or pattern projection from relatively close range in proscenium theatres, open stages, studios and for arena presentations.

Harmony 12



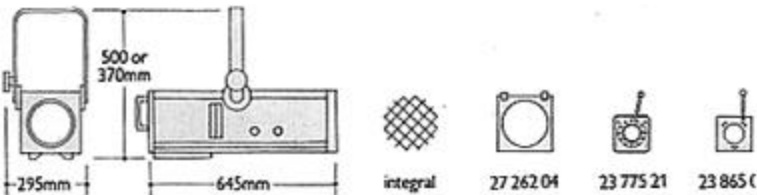
1000W

22 415 0T

1000W Lamp RSE/19 or RSE/70, GX9.5

12° , Peak 145,500 cd, ½pk. angle 10.5°
 Axial Peak 110,000 cd
Based upon RSE/19

Weight 11.5kg



Harmony 22
1000W

22 410 04

1000W Lamp RSE/19 or RSE/70, GX9.5
22° , Peak field 109,000 cd, ½pk. angle 9.5°
 Flat field 47,000 cd, ½pk. angle 20°
Based upon RSE/19

Weight 11.1kg

