



QuartzColor

STUDIO & LOCATION LIGHTING



Rank Strand

...THE ULTIMATE LIGHTWEIGHT, ROBUST VERSATILE FILM AND TELEVISION LIGHTING EQUIPMENT

Kahouteck

Pollux



KAHOUTECK

5kW or 3.75kW Dual Purpose
Luminaire

Designed for medium or large studios offering the facility of either Fresnel Spotlight or Softlight in one dual purpose luminaire.

The Kahouteck operates at full or half wattage without loss of colour temperature in both modes, through one twin filament 4-pin base lamp only.

All switching, pan, tilt, focus and power controls are pole operated.

The high optical efficiency provides a wide range of spotlight (ratio 6-1) and a very soft fill light.

Accessories include:— Four-Leaf Barndoor, Diffuser Frame, Outrig Colour Frame and Scrim.

Available in pole operated or fully motorised version.

Height 920mm x Width 550mm x Depth 500mm. Weight 29kg.

Accessories

1. Double Extension Arm with 28.57mm spigot and 400 x 600mm Flag
2. Hook Clamp for 48mm Barrel
3. Low Level Bracket
4. A complete range of Cones available for all spotlights
5. Single Flag Arm with 16mm Spigot and 250 x 400mm Flag
6. Outrig Colour Frame for Kahouteck, Vega and Pollux
7. Full set of Scrim for all Spotlights

POLLUX

5kW and 2.5/5kW Spotlight

A Fresnel spotlight typical of all Quartzcolor luminaires taking full advantage of tungsten halogen lamps to reduce size and weight. Traditional Bi-post or 4-pin quartz halogen hard glass lamps that are switchable between full and half wattage can be used without loss of colour temperature.

The housing incorporates a double skin airflow ventilation system to ensure cooler operation at all times.

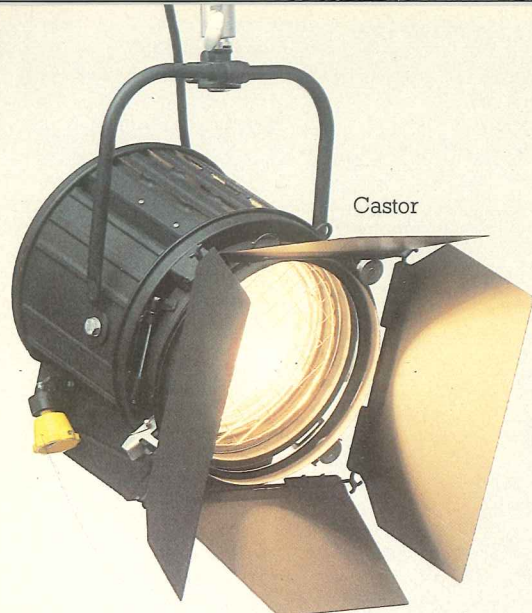
Accessories include: Four or Eight-Leaf Barndoors, Diffuser Frame, Outrig Colour Frame, set of Cones and Scrim.

Available in Pole Operated, Manual or Motorised versions. Height 725mm x Width 508mm x Depth 361mm. Weight 16.3kg.



Goliath Stand





Castor

CASTOR**2kW or 1.25/2.5kW Spotlight**

A lightweight and compact luminaire, Castor is ideal for studio and location use. It is available with Bi-post lampholder or 4-pin for twin filament lamps and the ventilation system provides maximum heat dissipation.

Accessories include: Four or Eight-Leaf Barndoors, Diffuser/Colour Frame, set of Scrims and Cones.

Available in Pole Operated, Manual or Motorised versions.

Height 670mm x Width 420mm x Depth 356mm.

Weight 11.3kg.

VEGA**10kW Spotlight**

An extremely compact Fresnel spotlight considering the high output, ideal for studios and location use. The size and weight of the Vega now eliminates the need for heavy duty stands and suspension equipment.

Accessories include: Four or Eight-Leaf Barndoors, Diffuser Frame, Outrig Colour Frame, set of Cones and Scrims.

Available in Pole Operated, Manual or Motorised versions.

Height 860mm x Width 505mm x Depth 440mm.

Weight 17.2kg.

POLARIS**1kW Spotlight**

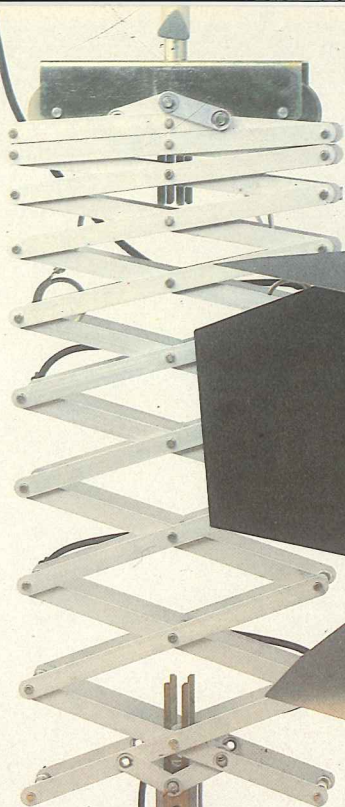
Designed to meet the operational requirements of the most exacting lighting director/cameraman. The Barndoors available rotate through 360° and the extra large blades provide accurate hard edge beam control. The ventilation is more than adequate for 1000W tungsten halogen lamps.

Accessories include: Four-Leaf Barndoors, Colour Frame, Cones and Scrims.

Available in Pole Operated and Manual versions.

Height 505mm x Width 298mm x Depth 290mm.

Weight 6kg.

**PANTOGRAPH**

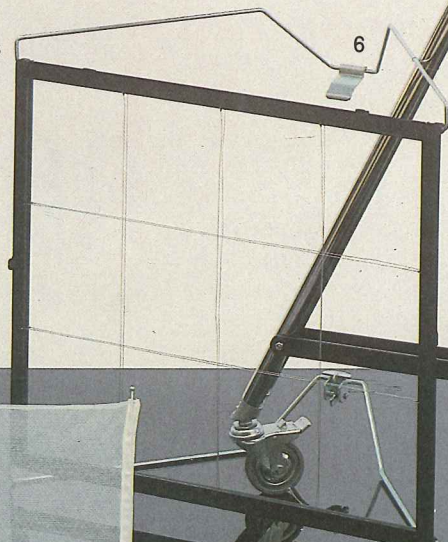
A most versatile addition to any studio.



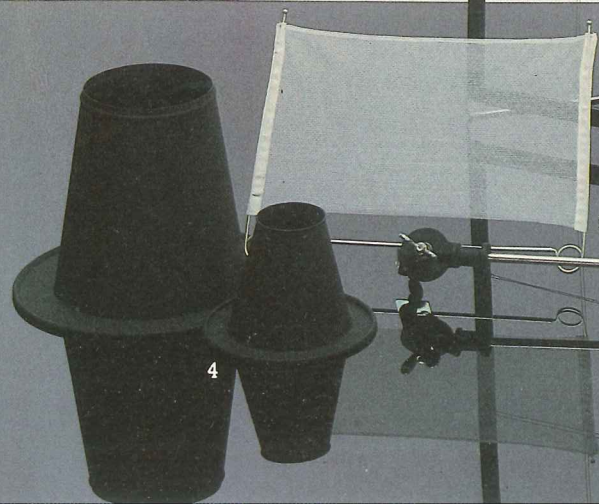
Polaris



Vega



Samson Stand



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BAMBINO 5kW

Specifically designed for location working, improved ventilation and the use of tungsten halogen lamps has enabled Quartzcolor to develop a 5kW spotlight the equivalent size of a traditional 2kW unit with comparable weight savings. This luminaire can also be used with twin filament lamps.

Accessories include: Four or Eight-Leaf Barndoors, Diffuser Frame, a set of Scrims and Cones.

Available in Pole Operated or Manual versions.

Height 660mm x Width 450mm x Depth 356mm. Weight 9.5kg.

Hercules Stand

Accessories

8. Adjustable Wall Clamp
9. Double Extension Arm with 'C' Clamp and 400 x 600mm Veil
10. Operating Pole 2.5m, 3.5m and 4.5m lengths

BAMBINO 1kW

Like the Bambino 5kW and 2kW this luminaire is much smaller and lighter than traditional spotlights of the same wattage. The design of the reflectors in the Bambino range produce extremely even light distribution with maximum output using tungsten halogen lamps.

Accessories include: Four-Leaf Barndoor and Diffuser Frame.

Available in Manual version only.

Height 373mm x Width 215mm x Depth 230mm. Weight 3kg.

BAMBINO 2kW

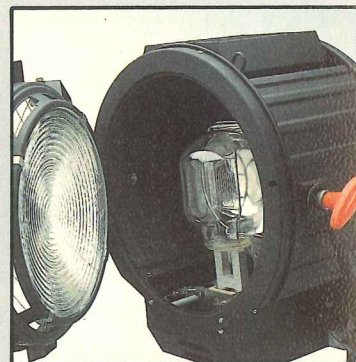
This luminaire is comparable in size and weight to a traditional 1kW spotlight. The Bambino 2kW overcomes those situations where physical size is a problem and where the lighting director has had to compromise and use a lower wattage spotlight.

Accessories include: Four or Eight-Leaf Barndoors, Colour Frame, Scrims and Cones.

Available in Pole Operated or Manual versions.

Height 500mm x Width 292mm x Depth 290mm. Weight 5kg.

The lens door assemblies on all spotlights are hinged to facilitate ease of lamp replacement and maintenance.



ANTARES 1.25kW SOFTLIGHT

Designed for small studios or as a location fill light using 625W to 1250W linear tungsten halogen lamps. As with all the Antares range the colour temperature is maintained through the use of a specially coated textured aluminium reflector.

Accessories include a Colour Frame with Filter size of 400mm x 310mm.

Available in Pole Operated or Manual versions.

Height 540mm x Width 534mm x Depth 274mm. Weight 7kg.



ANTARES 2.5kW SOFTLIGHT

A dual wattage, indirect softlight, using two linear 190mm tungsten halogen lamps rated at 625W, 1000W or 1250W.

Alternative outputs can be obtained by switching the lamps individually or in pairs and the specially coated textured reflector system ensures virtually shadowless lighting, without change of colour temperature due to discolouration.

Accessories include Colour Frame and 'Egg Crate'.

Available in Pole Operated and Manual versions.

Height 653mm x Width 632mm x Depth 345mm. Weight 10.6kg.



ANTARES 5kW SOFTLIGHT

Suitable for colour television applications the variable wattage softlight utilises four linear tungsten halogen lamps mounted in pairs at the top and bottom of the well ventilated housing.

The indirect diffused illumination is achieved by mounting the lamps in a secondary reflector and these can be switched in diagonal pairs to provide full or half wattage. A choice of 625W to 1250W lamps offer even greater flexibility.

Accessories include Colour Frame and 'Egg Crate'.

Available in Pole Operated or Manual versions.

Height 806mm x Width 740mm x Depth 294mm. Weight 17.2kg.

BROAD 1250W Floodlight

This compact, lightweight floodlight, easily concealed and providing a wide angle even beam is designed to use 625W to 1250W linear tungsten halogen lamps. The Broad is the ideal unit for lighting large areas evenly when on location.

Accessories include: Four-Leaf Barndoor and Outrig Colour Frame.

Available in Manual Operated version only.

Height 285mm x Width 375mm x Depth 115mm. Weight 3kg.



Atlas Stand



Iris 4

PALLAS GROUNDROW SYSTEM

A floor standing system of four units or single unit using 625W linear tungsten halogen lamps which produce an artificial horizon on a cyclorama and can be used in conjunction with the Iris Top Light System to provide a higher level of even illumination. Each compartment is equipped with wire guard and filter frame.

A convection ventilation system has been designed to route the airflow across the surface of the filter to give maximum filter life.

PALLAS 4

Four Compartment Unit

This unit facilitates four colour mixing by using the three colour additive system red, green and blue with the fourth compartment producing white light.

Hinged version available for lighting corners.

Height 230mm x Length 1220mm x Depth 215mm. Weights 12.2kg (rigid) 11.7kg (hinged)

PALLAS 1

Single Compartment Unit

Ideal for use around the curve of a cyclorama where the radius is variable and space is restricted.

Height 230mm x Width 305mm x Depth 215mm. Weight 3.3kg.

IRIS CYCLORAMA TOP LIGHT SYSTEM

The widely acclaimed cyclorama top light system offers a range of models for use in any studio or theatre.

The compact construction and optical design enables the units to be widely spaced, which permits permanent rigging if desired. The unique multi curved reflector system enables even illumination to be achieved from the top only. Each compartment is individually powered and will accept 625W to 1250W/190mm tungsten halogen lamps.

IRIS 4

Four Compartment Unit

This unit permits full colour mixing in studios using the three colour additive mixing system. The fourth compartment is used without filter for white light only.

Height 868mm x Width 922mm x Depth 247mm. Weight 24kg.

IRIS 2

Two Compartment Units, Vertical and Horizontal

The vertical unit is designed to overcome the problems of lighting a corner. Full colour mixing can be achieved by placing two units side by side.

The horizontal unit is used where there is a height restriction.

Vertical version: Height 868mm x Width 517mm x Depth 247mm. Weight 12.5kg.

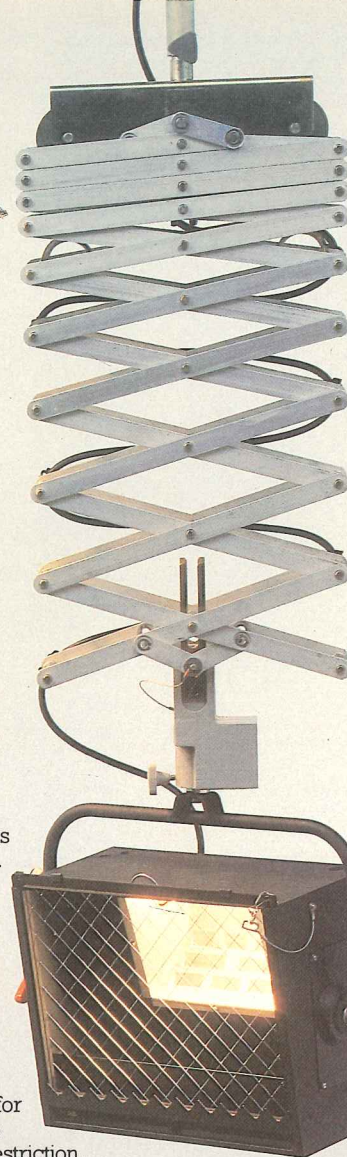
Horizontal version: Height 533mm x Width 922mm x Depth 247mm. Weight 12.5kg.

IRIS 1

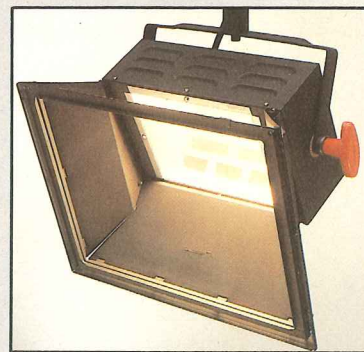
Single Compartment Unit

This unit is ideal for situations where colour mixing is not required or for the smaller studios where there could be a space restriction. The Iris 1 can be supplied as a Manual or Pole Operated unit.

Height 533mm x Width 540mm x Depth 247mm. Weight 7.5kg.



Iris 1



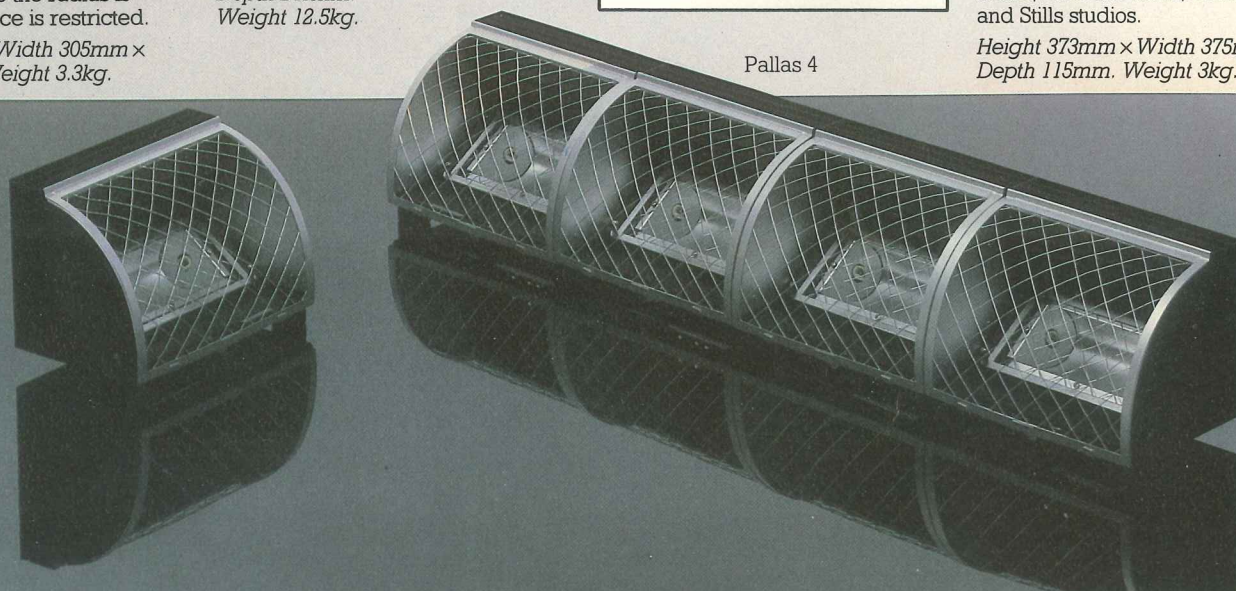
MINI IRIS

1250W Top Light

Very suitable for TV presentation suites, ENG locations, Audio Visual and Stills studios.

Height 373mm x Width 375mm x Depth 115mm. Weight 3kg.

Pallas 4



REDHEAD

Ianebeam 800W

A lightweight revolution in quartz lighting, constructed from polyester/fibreglass, provides the benefit of strength and light weight with almost total heat insulation. Fingertip control varies the beam angle from 42° spot to 82° flood. Suitable for use with 800W 220/240v or 250W 30v lamps. Full complement of accessories available.

Height 277mm x Width 204mm x Depth 146mm.
Weight 1.33kg.

MIZAR

300/500W Fresnel Spotlight

The most compact spotlight in the Quartzcolor range, designed for maximum output from 300W or 500W lamps. Frequently used for lighting details. Full set of accessories available.

Height 250mm x Width 160mm x Depth 130mm.
Weight 1.3kg.

BLONDE

Ianebeam 2kW

A lightweight, high intensity quartz-halogen floodlight, with beam variable between 35° to 75°, making it equally suitable for key or fill light applications. A wide range of accessories available.

Height 333mm x Width 304mm x Depth 186mm. Weight 3.8kg.

PULSAR

'Mini-Redhead' 650W

This new, ultra compact variable beam unit constructed of fibreglass offers a beam angle between 37° and 70° and is suitable for use with 650W 220/240v or 250W 30v lamps.

A full complement of accessories available.

Height 212mm x Width 112mm x Depth 108mm.
Weight 1.3kg.

BARRICUDA TELESCOPIC POLE SYSTEM

Available in 2.65-4.70m, 1.63-2.81m and 1-1.65m lengths, plus complement of accessories and cross bars.

PINZA

500W Clamp light

A compact low intensity fill light supplied with a flexible arm and clamp, ideal for use in areas where space is limited.

Height 366mm x Width 162mm x Depth 219mm. Weight 2.34kg.

JUPITER 6

3900W Floodlight

A high intensity light source ideal for location use. It utilises six 650W Par 36 bulbs which can be switched on in banks of two. Beam spread control is obtained by adjustment to each bank.

Height 480mm x Width 579mm x Depth 107mm.
Weight 12.2kg.

Accessories

11. Gaffer Grip with 16mm Socket
12. Heavy Duty Gaffer Grip with 16mm Socket
13. Full set of Scrims and Filters

Pegasus Stand

Spartan Stand

Trojan Stand

Jupiter 6

Pinza

Redhead

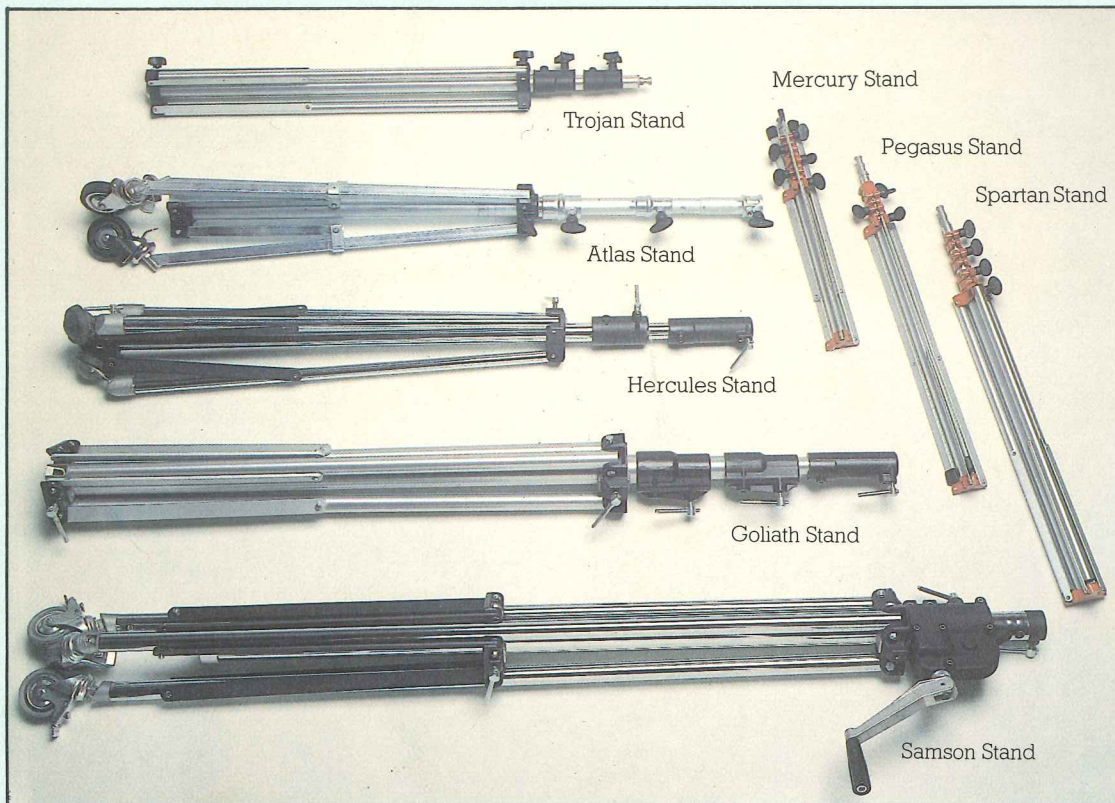
Mizar

Blonde

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STANDS

SAMSON (See page 3)
28.5mm socket
Dimension folded: 1652mm long x 300mm dia. Spread: 1000mm.
Max. height: 2700mm.
Min. height: 1470mm.
Weight: 19kg. Load: 40kg.

GOLIATH (See page 2)
28.5mm socket
Dimension folded: 1410mm long x 140mm dia. Spread: 1270mm.
Max. height: 3660mm.
Min. height: 1560mm.
Weight: 7kg. Load: 40kg.

ATLAS (785) (See page 5)
28.5mm socket
Dimension folded: 1200mm long x 200mm dia. Spread: 1000mm.
Max. height: 2620mm.
Min. height: 1250mm.
Weight: 9kg. Load: 30kg.

HERCULES (See page 4)
28.5mm socket
Dimension folded: 1200mm long x 100mm dia. Spread: 990mm.
Max. height: 2300mm.
Min. height: 1200mm.
Weight: 6.7kg. Load: 15kg.

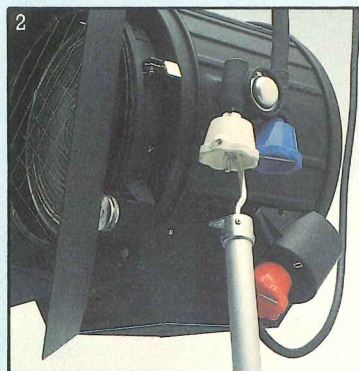
TROJAN (See page 7)
Fitted with 16mm spud.
Dimension folded: 1000mm long x 108mm dia. Spread: 850mm.
Max. height: 2600mm.
Min. height: 970mm.
Weight: 2kg. Load: 10kg.

PEGASUS (See page 7)
Fitted with 16mm spud.
Dimension folded: 670mm long x 60mm dia. Spread: 850mm.
Max. height: 2080mm.
Min. height: 1023mm.
Weight: 1.15kg. Load: 4kg.

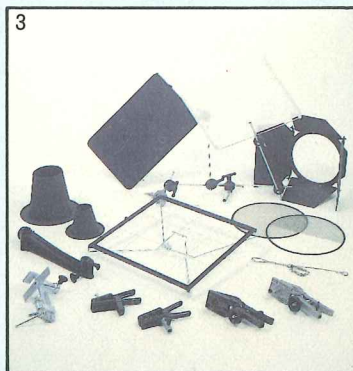
MERCURY
Fitted with 16mm spud.
Dimension folded: 480mm long x 100mm dia. Spread: 1000mm.
Max. height: 1900mm.
Min. height: 480mm.
Weight: 0.9kg. Load: 1.5kg.



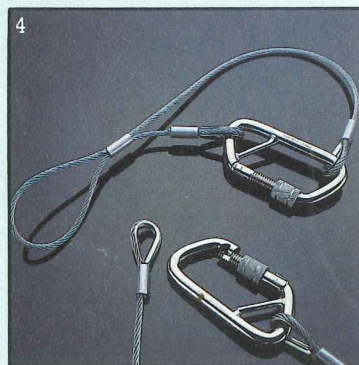
1. The luminaires in the Quartzcolor range will accept a wide selection of Tungsten Halogen lamps offering longer life, better maintenance of light output and constant colour temperature.



2. The pole operation 'Bell-Cup' system is an original patented Quartzcolor design providing easy coupling with the operating pole at almost any angle or height.



3. A full range of accessories is available for all the luminaires shown in this brochure along with a wide selection of clamps, brackets, flags, veils and colour filters, details available on request.



4. Luminaire Safety Bonds, which comply with all safety legislation are recommended when suspending equipment in studios or on location.



5. A complete range of detailed specification sheets including full performance data on all the equipment illustrated in this brochure is available on request along with additional literature on

Discharge Lighting, Portable Lighting Kits, Suspension Equipment and Lighting Controls including: Galaxy Memory Lighting System, Duet 2, Tempus and MCM Dimmers.

The company reserves the right to make any variation in design or construction to the equipment described.

Rank Strand's complementary service also includes a wide range of Theatrical Luminaires, Stage Equipment, Furnishings and Lighting Controls. Literature on all these products is also available.

