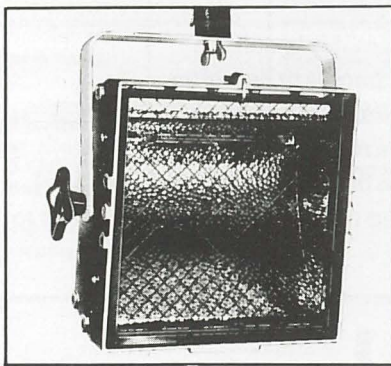
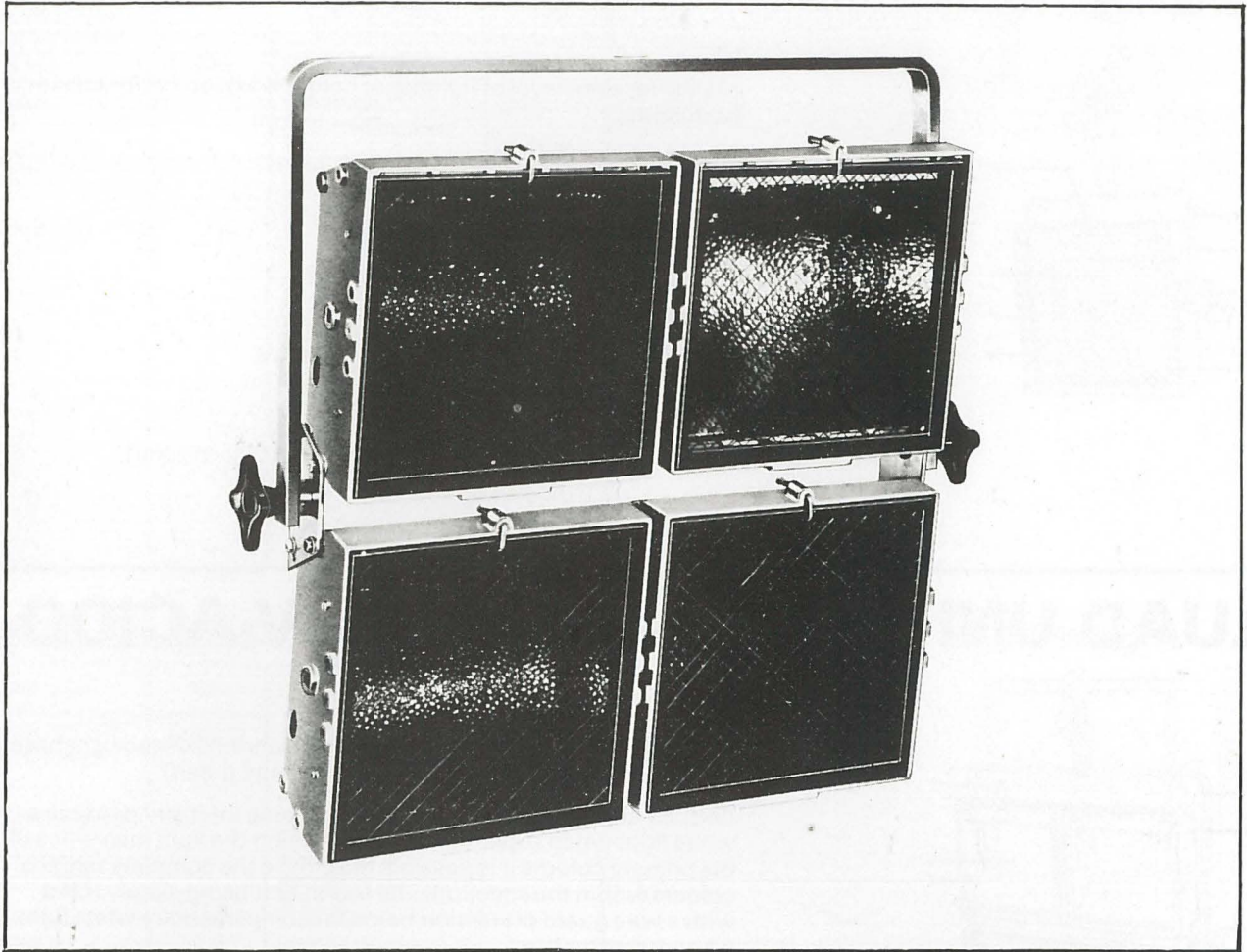


AC 1000



CYCLORAMA LIGHTING

FOR THEATRES AND TELEVISION STUDIOS

SERIES AC 1000



AC 1001

Single unit

USE

Constant level lighting of cycloramas and back cloths. Monochrome lighting.



AC 1004 C

Four units (assembled in a square)

USE

Constant level lighting of cycloramas and back cloths. Trichrome mixed lighting



AC 1004 L

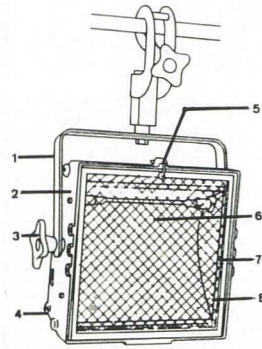
Four units (assembled in line)

USE

Constant level lighting of cycloramas and back cloths. Monochrome or polychrome lighting.



SINGLE UNITS - Type AC 1001 L



USE

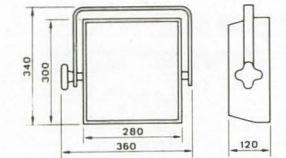
Mainly for even level of lighting or colour wash on cycloramas and backcloths.

1. Suspension yoke.
2. Diecast aluminium housing.
3. Yoke locking hand wheel.
4. Connecting points for multiple units.
5. Securing clip for filter frames or cassettes.
6. Highly polished aluminium reflector.
7. Light augmenting side reflectors.
8. Wire protection grid in filter frame carrier (accessory).

Order description

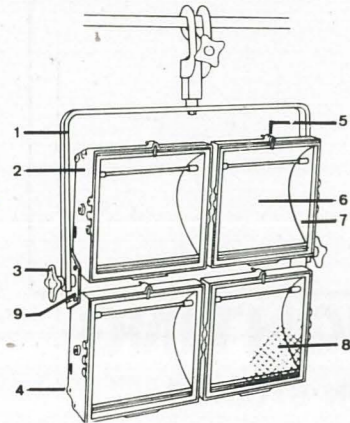
Order description	Type	Accessories	Type
1000 W Flood with: R7S Lampholders Highly efficient reflector Yoke Supplied without lamp, connecting cable or accessories.	AC1001L	Filter frame cassette Filter frame for plastic colour media Filter frame for glass filters Plastic filters Yellow 104 Red 106 Blue 119 Green 139 (over 50 colours and shades are available in sheets and may be cut to size on request). Glass filters Yellow Red Blue Green Cable as required.	AC/AC 1000 PF/ACP PF. GR/ACV

Dimensions and Weight



Net Weight: 2.8 Kg (6.16 lbs).
Packing: 1 luminaire per box.
Dimensions: 36 x 34 x 12 cms.
Gross weight: 3 Kg (6.60 lbs).

QUAD UNITS - Types AC1004 CV-AC1004CP



USE

This assembly is specially designed for trichrome mixed light based on the three primary colours. (Red, blue, and green).

Red; blue and green light beams at the same intensity produce a white light when superimposed. By varying the light intensities of the primary colours it is possible to achieve the complete range of colours within the spectrum, the fourth unit being simply fitted with a wire guard protection frame for complimentary white light when superimposed.

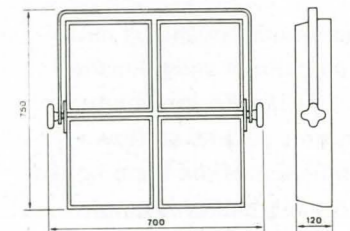
4. Connecting points for multiple units.
5. Securing clip for filter frames or cassettes.
6. Highly polished aluminium reflector.
7. Light augmenting side reflectors.
8. Wire protection grid in filter frame carrier (accessory).
9. Tilting device designed to adjust the two lower units to correct parallax.

1. Suspension yoke.
2. Diecast aluminium housing.
3. Yoke locking wheel.

Order description

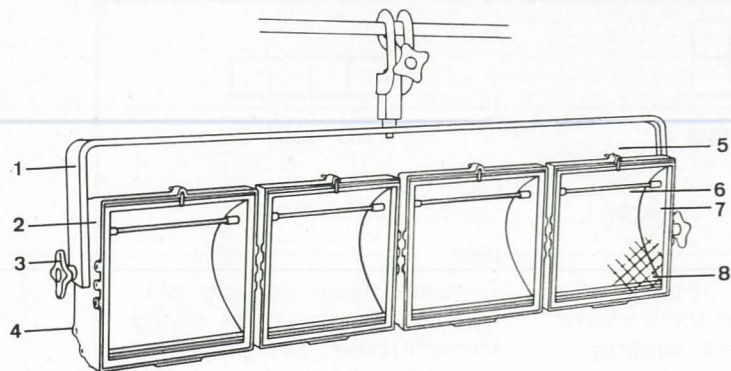
Order description	Type	Accessories	Type
Assembly of four 1000 W Floods mounted in square format with: Yoke with locking hand wheel R7S lampholders 1/2" nut, bolt, & washer set. For use with glass colour filters Supplied without lamps, connecting cables or accessories.	AC1004 CV	Filter frame cassette Filter frame for plastic media colour filters Filter frame for glass filters Plastic media filters Yellow 104 Red 106 Blue 119 Green 139 (over 50 colours and shades available in sheets and may be cut to size on request).	AC/AC 1000 PF/ACP PF. GR/ACV
Assembly of four 1000 W Floods mounted in square format with: Yoke with locking hand wheel R7S lampholder 1/2" nut, bolt, & washer set. For use with plastic colour media filters. Supplied without lamps, connecting cables or accessories.	AC1004 CP	glass filters Yellow Red Blue Green Cable as required.	

Dimensions and Weight



Net Weight: 11 Kg (24.20 lbs).
Packing: 1 luminaire per box.
Dimensions: 70 x 75 x 12 cm.
Gross weight: 11.4 Kg (25.08 lbs).

QUAD UNITS - Type AC1004 L



USE

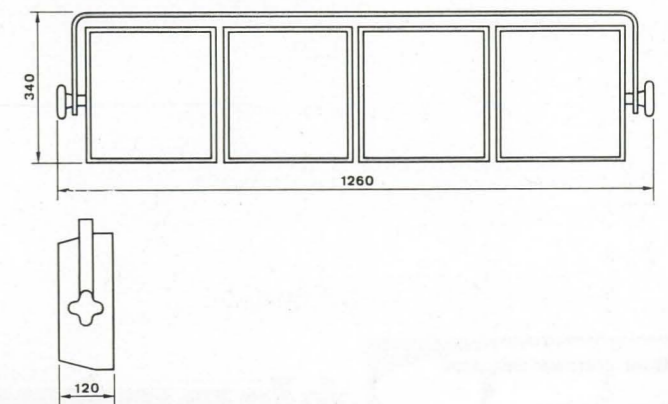
This assembly of units is used as ground rows of cyc-battens.

1. Suspension yoke.
2. Diecast aluminium housing.
3. Yoke locking hand wheel.
4. Connecting points for multiple units.
5. Securing clip for filter frames or cassettes.
6. Highly polished aluminium reflector.
7. Light augmenting side reflectors.
8. Wire protection grid in filter frames carrier (accessory).

Order description

Order description	Type	Accessories	Type
Assembly of four 1000 W Floods mounted in line with: Yoke with locking hand wheel R7S lampholders 1/2" nut, bolt, & washer set Supplied without lamps, connecting cables or accessories.	AC1004L	Filter frame cassette Filter frame for plastic media colour filters Filter frame for glass filters Plastic media filters Yellow 104 Red 106 Blue 119 Green 139 (over 50 colours and shades are available in sheets and may be cut to size on request). Glass filters Yellow Red Blue Green Cable as required.	AC/AC 1000 PF/ACP PF. GR/ACV

Dimensions and Weight



Net Weight: 11 Kg (24.20 lbs).
Packing: 1 luminaire per box.
Dimensions: 126 x 34 x 12 cm.
Gross weight: 11.4 Kg (25.8 lbs).

GENERAL INFORMATION

A versatile and compact flood designed for even lighting of cycloramas and backcloths, constant light level is achieved by the specially designed hammered aluminium reflector augmented by two highly polished side reflectors. The curve of the main reflector is designed to produce an even intensity of light on a 7 metre high surface when lit from either the top or bottom of this surface 2 metres away.

The robust housing is cast in aluminium alloy, finished in matt black, side apertures ensure a natural air flow ventilation of the lamp house and the reflector is amply ventilated on the rear side to enable long period use and the application of glass colour filters, a cassette is available for plastic colour media as an accessory.

CHOICE OF LIGHT SOURCES

High efficiency tubular quartz iodine lamps available in 4 ratings 625, 750, 1000 and 1250 W.

Lamp type	Wattage	Voltage	Lamp life	Colour temp.
P2/10	625	240	200 hrs	3200°k
P2/7	1000	240	200 hrs	3200°k
P2/12	1250	240	200 hrs	3200°k
K3	750	240	2000 hrs	3000°k
K4	1000	240	2000 hrs	3000°k

PHOTOMETRIC CHARACTERISTICS

Light distribution without colour media

A uniformly distributed light level of 1000 lux is obtained on 7 m high x 10 m wide screen by using ten luminaires at a one metre spacing placed at 3 m from the screen and fitted with 1000 W lamps.

Usual light levels

Determination of the required number of 1000 W units considering the above conditions.

T.V.	1500 lux minimum light level	the required number of luminaires per colour is equal to 1.5 times the length of the screen
THEATRE	750 to 800 lux minimum light level	the required number of luminaires per colour is equal to 0.8 times the length of the screen

ACCESSORIES

As listed in Order description (previous page)



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