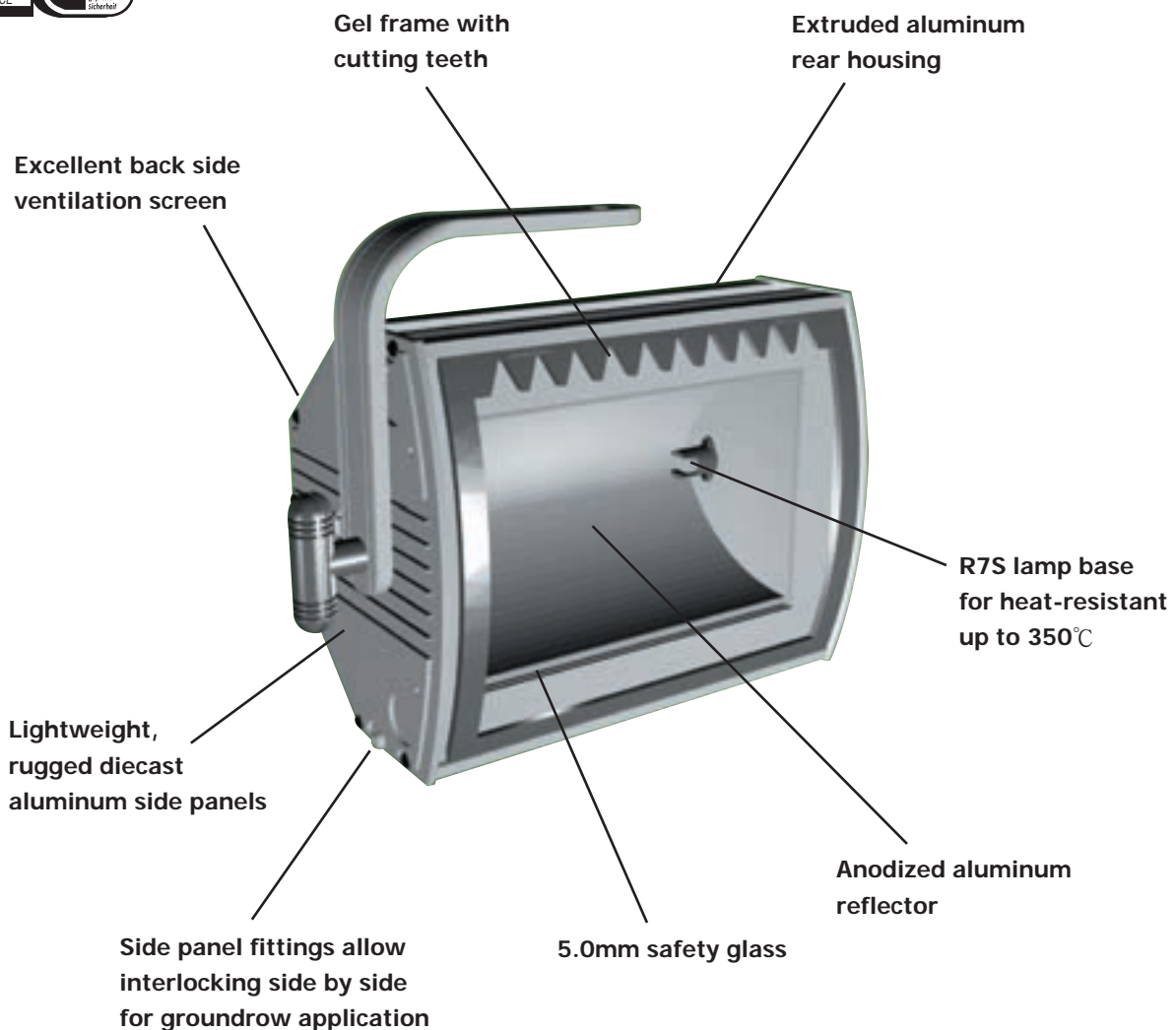


CYC is a lightweight, compact luminaire designed to provide an even wash of light on cycloramas and backdrops. This lighting fixture can also be used as a multi-purpose flood/fill for stage and studio lighting applications. Kupo CYC & FDL series are strong, adaptable and safe lighting fixtures for professional theatre, touring shows and hire companies. A wide selection of yokes and other hanging hardware is also available to accommodate virtually all overhead mounting configurations.

Kupo's CYC-1000 is approved by TUV product service according to: EN 60598-2-17. Available when specify on order.



# CYC & FDL

## Setup

1. Remove all packing materials from shipping box.
2. Place CYC-500/1000 & FDL-500/1000 on a flat surface and hinge down the lamp tray.
3. Insert your 500/1000W lamp into the R7S base on the lamp housing.



Release the spring bolt to install the lamp. The spring bolt retains the hinged front safety glass in its closed position. When the spring bolt is released, the front door hinges down to expose the lamp and remains held captive within the luminaire.

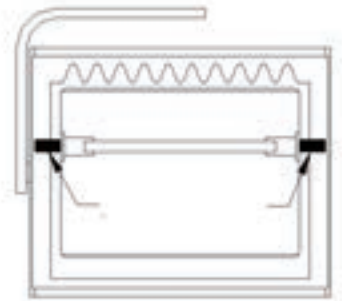
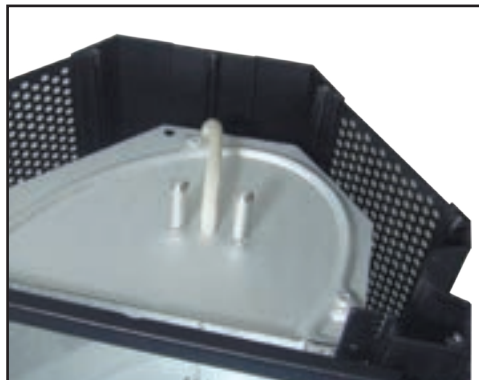
## Parts List

1. Knob for hinge down and up
2. Steel color frame
3. Safety glass
4. Aluminum extrusion housing
5. Yoke knob
6. Hole for safety wire
7. Aluminum yoke

## Mechanical Features

### Lightweight Construction

1. Constructed from aluminum extrusions and high pressure die-casting.
2. Body sections are ribbed for strength and to maximum the cooling surfaces.
3. The side plate has a safety bond location point.
4. Metal case is protected by a coat of heat and scratch-resistant matt black epoxy powder paint.
5. Guide slots in the sides casting accept the L shaped yoke assembly. This creates a lightweight construction with sufficient strength and rigidity and the assembly of multiple units.
6. The two poles at each side of the reflector plate to enhance the strength. To prevent the deformation when replace the lamp.



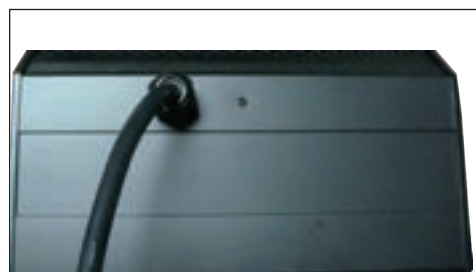
7. The rear grid giving both protection and free air access around the rear of the reflector. The second air path is created through the inside surface of the safety glass, which converts the heat away from the lamp assembly.



## Optical Feature

The linear reflector is made from extruded anodized aluminum sheet.

# CYC & FDL



## Interlinking System

1. All Kupo CYC & FDL fixture are equipped for mechanical coupling to another unit in line.
2. To construct a row of CYC & FDL, two complete single units are required, and up to six intermediate units. (These are similar to the single units but are supplied without the yoke assembly.)
3. A coupling bolt is provided with each stage light to join two adjacent units together. The bolt screw both up and down side on teh side die-casting plate.
4. An L-Shaped yoke is attached to the end of each row.



## Mounting

1. It is supplied with a yoke for a single M8 knob fixing.
2. The position of the yoke on the stage light is quickly changed by releasing the center lock nuts on each side bracket, and sliding the yoke to the required position.
3. Yoke is designed to pivot for top or bottom mounting without changing the point of balance.

## Electrical Features

### Safety

1. Electrical connections are isolated from the body of the spotlight.
2. 72cm of 1.5mm square 3 core silicon rubber cable.
3. Silicon cable is fire resistant to IEC 331, flame retardant to IEC 332, and it also exhibits very low toxic gas emission properties.
4. The cable is retrained at the connection box by a plastic compression gland.
5. Conducting part of the light are securely bonded to earth.

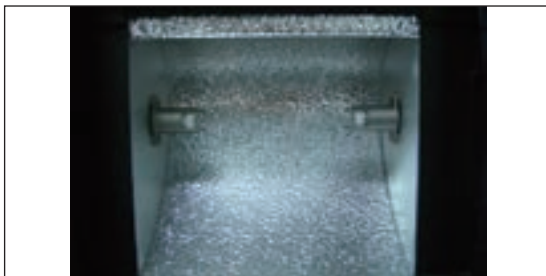
# CYC & FDL

## CYC-500/1000

Cyclorama is a large concave curtain positioned at the back the stage used to light the backcloth. It can also be called asymmetric. The reflector is made from extruded aluminum sheet. The choice of lamp could affect the performance of the cyc. Use only the high-quality lamp that your dealer recommends. Body sections are ribbed for strength and to maximum the cooling surfaces. Metal case is protected by a coat of heat and scratch-resistant matt black epoxy powder paint. The side plate has a safety bond location point. Guide slots in the sides casting accept the L shaped yoke assembly. This creates a lightweight construction with sufficient strength and rigidity and the assembly of multiple units.

## CYC- 500/1000

TUV version composes the microswitch. When door is opened power of lamp housing is automatically shut off.

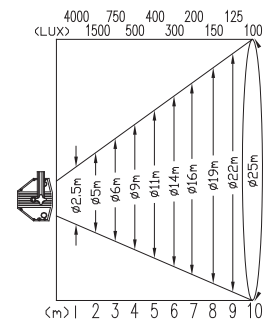
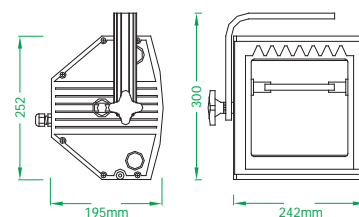


Asymmetric

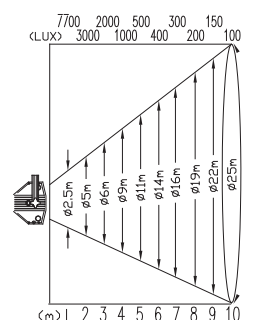
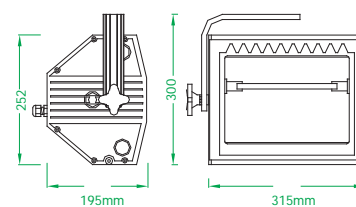


Each CYC is supplied with a bookleaf-type color frame which clips into the front plate of the stage light. High temperature resistant color filter (Polycarbonate or similar) is recommended.

## CYC-500 Photometric Data



## CYC-100 Photometric Data



# CYC & FDL

Flood light is an artificial light providing even illumination across a wide area. Kupo professional floodlights with die-casting alloy housing. A standard on stage worldwide. The innovative mechanical features is particular suited to the needs of professional theatre, touring shows and wide beam area.

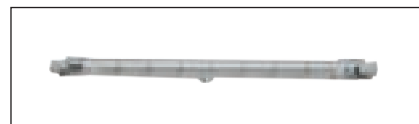
FDL-500/1000



R7S Socket for CYC & FDL  
Dia. 1.5mmsq; length 25cm



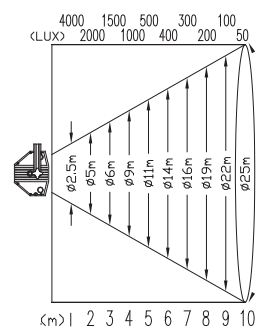
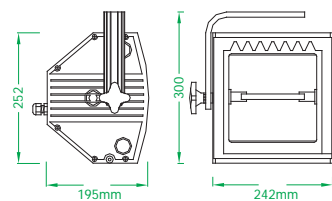
LAMP for CYC & FDL



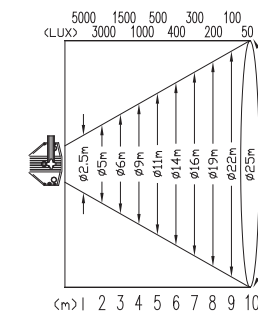
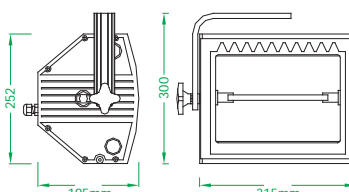
symmetric



FDL-500 Photometric Data



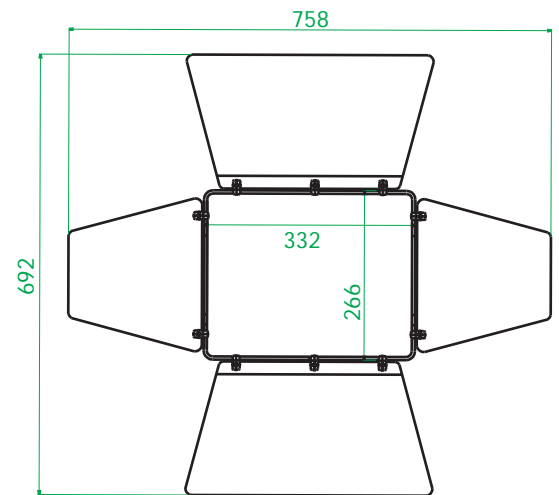
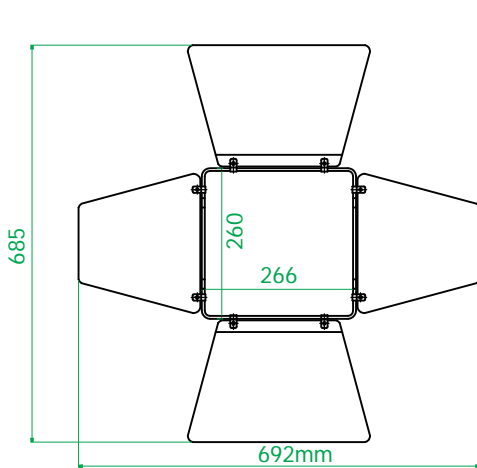
FDL-1000 Photometric Data



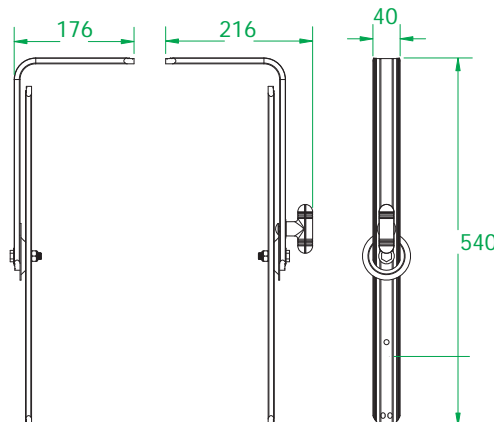
Each FDL is supplied with a bookleaf-type color frame which clips into the front plate of the stage light. High temperature resistant color filter (Polycarbonate or similar) is recommended.

# CYC & FDL

Part Number	Description	Color	Weight (kg)
CYC-500	500W, 110V/230V; R7S socket	Black	4.54
CYC-1000	1,000W, 110V/230V; R7S socket	Black	5.06
FDL-500	500W, 110V/230V; R7S socket	Black	4.49
FDL-1000	1,000W, 110V/230V; R7S socket	Black	5.00



Part Number	Description	Weight (kg)
YL-1500	Flexible linking set for CYC	2.96
BDR-500	Barndoor for CYC & FDL-500	1.31
BDR-1000	Barndoor for CYC & FDL-1000	1.53
R7S SOCKET-1.5MM	Dia. 15mmsq, length 25cm socket	0.04
LFC-500	J-Type 500W; length 119.1mm	0.02
LFC-1000	J-Type 1000W; length 189.1mm	0.03



## Maintenance

Opening the front safety glass may clear the stage light reflector and safety glass. But, please use the clear and soft cloth.

## Spares

A comprehensive selection of spare parts is available for the Kupo range and this includes lamps, safety glass, color frame, reflectors, lampholders, linking parts, etc.