

## A56 C

### PRISM-CONVEX SPOTLIGHT

9 - 66°

300 / 500 / 650 W

The A56 C produces a high quality diffused edged beam from a tight spot to a wide flood with beam angles from 5 to 63° (field angle 9- 66°). Providing a tighter and more controlled beam than a fresnel, the A 56 C is an ideal unit for both large and small stages where a maximum of 650 W is required.

The housing is manufactured from matt black painted, corrosion proof aluminium providing excellent mechanical strength, without any sharp edge.

The yoke allows the spotlight to be balanced in any position.

A rear handle is fitted to the unit to allow ease of use and transport. All adjustment controls and handgrips are heat resistant and ergonomically designed.

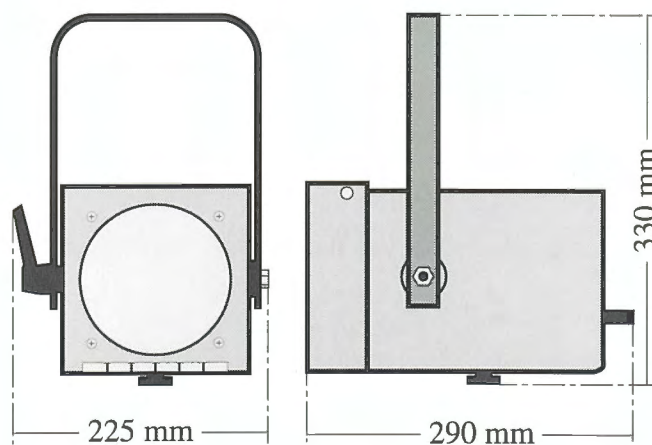
Disconnection of the power plug allows safe and easy access to the lamp and lenses without the use of tools.

No light spill due to careful design of front cassette and heat sinks.



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|                     |                      |
|---------------------|----------------------|
| Net weight          | = 3.5 kg             |
| Packing             | = 330 x 270 x 270 mm |
| Gross weight        | = 4.3 kg             |
| 36 Units per Pallet |                      |

## PHOTOMETRIC DATA

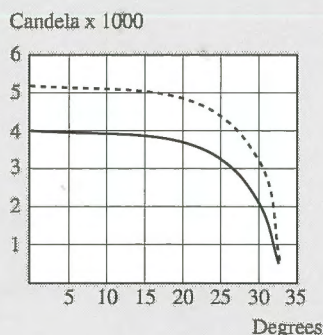
Typical values measured without wiremesh,  
Lamp : 220V, 3200K, biplane: — 500W; 11,000 lm  
..... 650W; 15,000 lm

### FLOOD

Field Angle:  
66°

Beam Angle:  
63°

Axial Intensity  
— 4,000 Cd  
..... 5,250 Cd

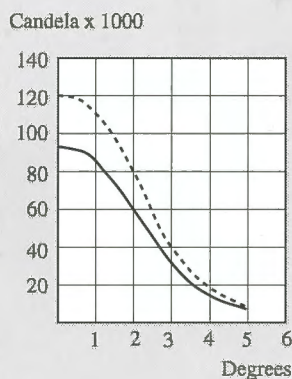


### SPOT

Field Angle:  
9°

Beam Angle:  
5°

Axial Intensity:  
— 93,000 Cd  
..... 120,000 Cd



### Note

To convert Candelas into Lux, divide by the square of the distance (in m).

## ACCESSORIES

Cardboard filterframe  
4-leaf barndoor  
Suspension hook (4 types)  
Safety cable  
Safety chain  
4-colour wheel

### Code

PFC/A650  
CF/A650  
A5 / A10 / A11 / A15  
CAS  
CHAS  
DAM/A650

## LAMPS (GY 9,5)

### 500 W

### 650 W

| Life exp.<br>in h en h | 150   | 300   | 500   | 2000  | 150   | 400   |
|------------------------|-------|-------|-------|-------|-------|-------|
| Colour T°<br>in K      | 3200  | 3200  | 3050  | 3000  | 3200  | 3000  |
| OSRAM                  |       |       | 64684 | 64672 | 64717 | 64718 |
| PHILIPS                | 6873P | 6820P |       | 6877P | 6638P | 6823P |
| THORN                  | CP82  |       | T18   | M40   | CP89  |       |

## SPECIFICATIONS

# A56 C

### HOUSING

- Housing for lamp, mirror and lens made of injected aluminium.
- High temperature resistant, electrostatically deposited matt black painting.
- Ventilation / heat sinks designed to avoid light spill.

### CLAMPING

- A strong steel yoke and effective clamping mechanism provide considerable resistance to unwanted movement and vibration. The yoke allows spotlight balance in any position.
- Effective clamping of the yoke by means of a strong handle.
- Ø 11 mm positioning hole on the upper part of the yoke for mounting on a suspension hook.

### FILTERFRAME CASSETTE

- The front cassette has two slides for 155 x 155 mm (DIN 15560) accessories.
- Wire mesh front lens safety guard.
- Locking mechanism for safe retention of accessories with no light spill.

### OPTICAL SYSTEM

- Spherical reflector of pure, polished, anodised aluminium.
- Ø 120 mm prism-convex lens.
- Knob for Flood / Spot adjustment.

### ELECTROTECHNICAL PARTS

- 2 m silicone power supply cable with CEE 22 plug.
- GY9.5 lampholder adjustable for quartz halogen lamp.
- H.C.L. 46.5 mm.

### SAFETY / RELIABILITY

- The spotlight is built in accordance with the international safety standards (EN 60598 / IEC 598) and approved by German TÜV (GS label).
- Internal access to the unit is not possible without first removing the CEE 22 power plug. Easy access, without the use of tools, to the lamp for lamp changing.
- The power plug is secured by a stirrup.
- Heat insulated handles and knobs.
- All metal components are protected against corrosion.

Subject to modification.

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