

A59 Z**ZOOM PROFILE SPOTLIGHT****16 - 35°****300 / 500 / 650 W**

The A59Z with condenser optics produces excellent light levels and beam quality. As a variable beam angle profile spot the A59Z has a superb range of 16 to 35°.

THE A59Z provides a good directional light with cut off beam and variable sharpness and is perfect for use in smaller venues and to highlight details on larger stages.

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.

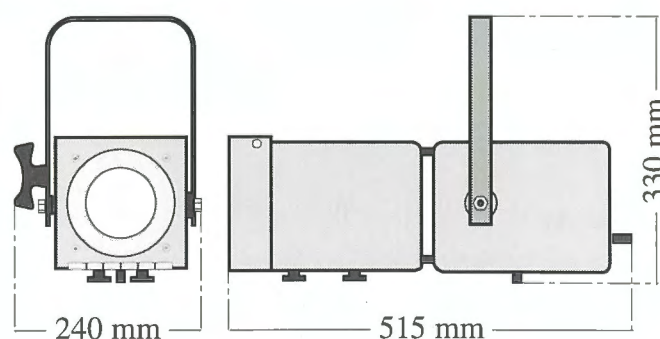
A rear handle is fitted to the unit to allow ease of use and transport. All adjustment controls and handgrips are heat resistant and ergonomically designed.

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.

**A59 Z**

300/ 500/ 650 W



Net weight = 5.8 kg
Packing = 560x 270 x 270 mm
GFross weight = 6.7 kg
24 Units per pallet

PHOTOMETRIC DATA

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

MINIMUM FIELD ANGLE

Field Angle :

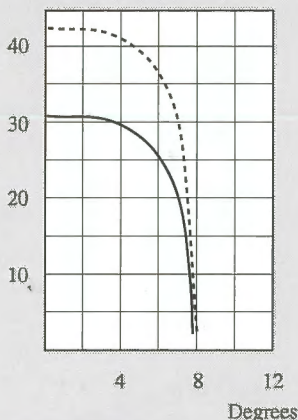
16°

Axial Intensity

— 30,600 Cd

..... 41,400 Cd

Candela x 1000



MAXIMUM FIELD ANGLE

Field Angle:

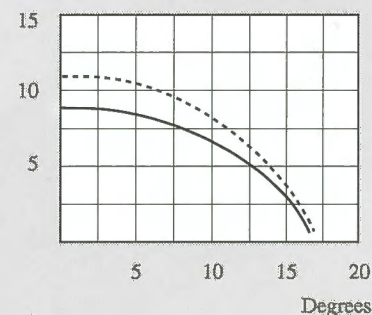
35°

Axial Intensity:

— 8,500 Cd

..... 10,900 Cd

Candela x 1000



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
Iris diaphragm
Gobo holder
4-colour wheel

Code

PFC/A650
CF/A650
A5 / A10 / A11 / A15
CAS
CHAS
OR/A650
SP/GO
DAM/A650

LAMPS (GY 9,5)

500 W

650 W

Life exp. in h en h	150	300	500	2000	150	400
Colour T° 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

A59 Z

HOUSING

- Rear housing for lamp, mirror and condenser made of injected aluminium.
- Front housing made of steel
- High temperature resistant, electrostatically deposited matt black painting.
- Ventilation / heat sinks designed to avoid light spill.
- Rear housing equipped with 4 beam shaping shutters and extended runner provided for insertion of an iris diaphragm or gobo holder.

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.
- Aspherical condenser lens.
- 16 - 35° zoom optics equipped with 2 polished plano-convex lenses.
- 2 knobs for smooth adjustment of the zoom lenses.
- Knob for adjustment of light beam distribution.

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.

ADB
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