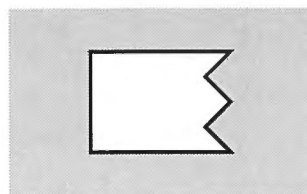


EUROSPOT F 51

Fresnel Spotlight
300/500/650 W



ADB
A Siemens Company

DE 5310

The F51 belongs to the EUROSPOT family of theatre spotlights developed to provide a practical and economical solution to the lighting requirements of small stages in theatres, schools, clubs, community halls, cultural centres, hotels, etc ...

Designed for a 300, 500, or 650W tungsten halogen lamp, the F51 is an extremely versatile spotlight which will prove equally effective in exhibition and architectural applications.

The F51 is characterised by a soft edge beam variable from a tight spot of 9° to a wide flood of 65°. It will yield up to 1,600 Lux at 5 m and still 500 Lux at 9 m with a 650 W lamp.

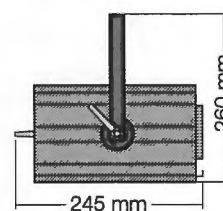
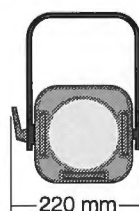
Focusing via a screw knob on the underside of the unit is smooth and stable in any position. Further beam shaping can be achieved with an optional 4-leaf rotatable barndoor.

Small size and very low weight make this spotlight very easy to install, handle, store and transport. The tiltlock mechanism is comfortable and efficient. Relamping and access to all internal parts are made easy by the hinge down bottom tray.

A simple design with quality manufacturing using extruded aluminium sections and sheet steel provides excellent mechanical strength and long term reliability. The unit is professionally finished in a non-reflective black paint.

The EUROSPOT F51 has been designed in accordance with the latest international safety standards.

The standard unit is fitted with a 1 m silicone rubber power cable with open ends, a metal colour frame and an integral wiremesh front lens safety guard.



Net Weight 2.2 kg

Packing 230 x 185 x 375 mm

Gross Weight 3.2 kg

50 Units per pallet

EUROSPOT F 51

Specifications

Housing

- The housing is a rigid assembly of aluminium extruded sections and sheet steel.
- The front end plate is fitted with runners for the insertion of a filter frame (125 x 125 mm) and a rotatable barndoor.
- A hinge down tray held by a captive clip allows easy access to the lamp and all optical components
- The back end plate is fitted with a strong grab handle

Positioning Mechanism

- A strong steel yoke, with simple and efficient tiltlock mechanism. Clamping is by a clutch type handle.
- One Ø 11 mm hole in the transverse arm of the yoke for fixing on a hook clamp.

Optical System

- Spherical reflector of pure, polished, anodised aluminium.
- Ø 112 mm Fresnel lens.
- Focusing mechanism with smooth control by a screw knob.

Electromechanical Components

- 1 m silicone power supply cable (2 x 1.5 + 1.5 mm²).
- GY9.5 lamp holder for 220/240 V / 300, 500 or 650 W tungsten halogen lamps with 46.5 mm filament centre height.

Safety / Reliability

- The spotlight is built in accordance with EN 60598/IEC 598 international safety standards
- An anchorage ring is provided for safety bond
- A wiremesh front lens safety guard is integrated into the front end plate.
- A retaining clip in the front runners secures the accessories.
- The spotlight does not present any sharp edge.
- All handles and knobs are heat insulated.
- Metal parts are protected against corrosion.
- Overall finish in non-reflective, heat and wear resisting black paint.

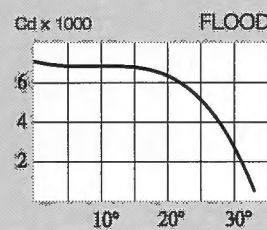
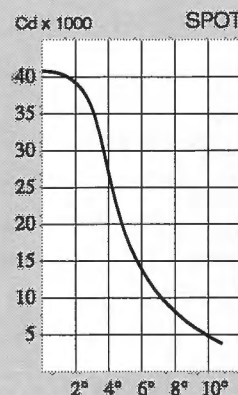
Photometric Data

Typical values
Lamp : 650 W, 220 V, 3200 K, 15,000 lm, CP89
Conversion factor for a 500 W lamp = 0.73

Light Levels (Lux) and Field Ø (m)

		SPOT		FLOOD	
Peak Intensity (Cd)		41 000		7 000	
Beam Angle at 1/2 Peak		9°		56°	
Field Angle at 1/10 Peak		18°		65°	
Throw Distance (m)	Lux	Ø (m)	Lux	Ø (m)	
4	2 560	1.3	440	5.1	
5	1 640	1.6	280	6.4	
6	1 140	1.9	195	7.6	
7	835	2.2	145	8.9	
8	640	2.5	110	10.2	
9	505	2.9	90	11.5	
10	410	3.2	70	12.7	

Light Distribution (Half Beam)



Accessories

Metal filter frame
4-leaf rotatable barndoor
Hook clamp
Safety cable
Safety chain

PFM/EURO
CF/EURO
A5 or A15
CAS 120
CHAS 120

ADB - Your Partner for Light

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