

A57 F

Fresnel spotlight

14 - 59°

300 / 500 / 650 W

ADB

A Siemens Company

DE 5016

The A57 F produces a high output, soft edged beam, variable from a tight spot of 8° to a wide angle flood of 51° (field angle 14- 59°).

Providing side, back or general lighting, the A57 F is perfect for any situation requiring a maximum of 650 W.

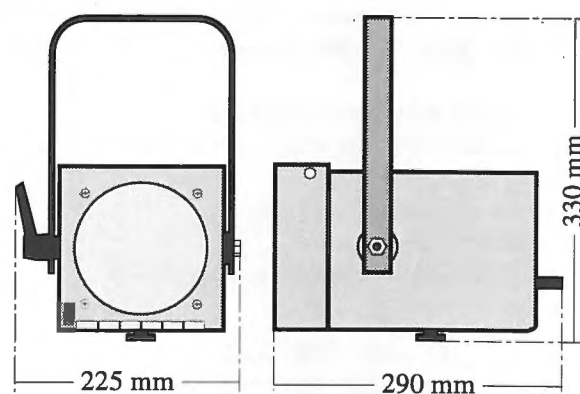
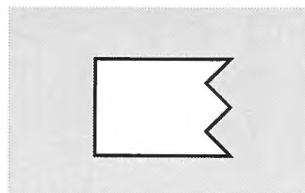
The housing is manufactured from matt black painted, corrosion proof aluminium providing excellent mechanical strength, without any sharp edge.

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.



Net weight	=	3.4 kg
Packing	=	330 x 270 x 270 mm
Gross weight	=	4.0 kg
36 Units per Pallet		

A57 F

Specifications

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 Fresnel 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.

lamps (GY 9,5)	500 W				650 W	
Life exp. in h	150	300	500	2000	150	400
Colour T° in K	3200	3200	3050	3000	3200	3000
L.I.F.	CP82		T18	M40	CP89	

Photometric Data

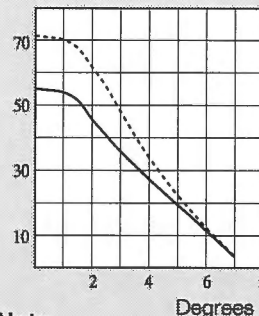
Typical values measured without wiremesh,
Lamp : 220V, 3200K, biplane: — 500W; 11,000 lm
— 650W; 15,000 lm

Light levels (Lux) and Field Ø (m)

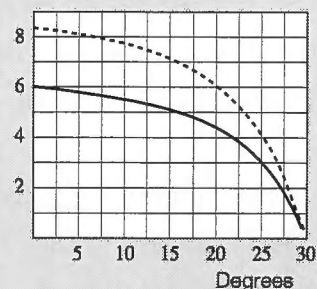
	Min.Angle		Max.Angle	
Axial Intensity (Cd)				
650 W	71500		8300	
Angle	14°		59°	
Distance (m)	Lux	Ø (m)	Lux	Ø (m)
8	1117	1,96	130	9,05
10	715	2,46	83	11,3
12	497	2,95	58	13,6
14	365	3,44	42	15,8
16	279	3,93	32	18,1
18	221	4,42	26	20,4
20	179	4,91	21	22,6

Light Distribution (Half Beam)

Candela x 1000



Candela x 1000



Note

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

Accessories

Cardboard filterframe
Metal filter frame
Wire mesh safety guard
4-leaf barndoor
Suspension hook (4 types)
Safety cable
Safety chain

Code

PFC/A650
PFM/A650
GR/A650
CF/A650
A5/A20/A25/A30
CAS120
CHAS120

ADB - Your Partner for Light

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