

# EUROSPOT

300 / 500 / 650 W Theatre Spotlights

## Specifications and Photometric Data (typical values)

### Housing

- The housing is a rigid assembly of extruded aluminium 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.
- Ø 11 mm hole in the transverse arm of the yoke for fixing on a hook clamp.

### Safety / Reliability

- This equipment complies with all applicable European directives and carries a CE mark.
- An anchorage ring is provided for safety bond.
- A safety grid 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.
- All metal parts are protected against corrosion.
- Overall finish in non-reflective, heat and wear resisting black paint.

### F 51 18° - 65° Fresnel spotlight

The F51 is characterised by a soft-edged beam variable from a tight spot of 18° to a wide flood of 65°.

Supplied with :

- Ø 112 mm Fresnel lens
- GY9.5 lampholder
- 1 m power supply cable (2 x 1.5 + 1.5 mm<sup>2</sup>) without plug
- 1 safety grid
- 1 metal filter frame (125 x 125 mm)

500 W / 11.000 lm

Mini. Angle : 18°

Maxi. Angle : 65°

Distance (m)	4	5	6	7	8	9	10
Ø Beam (m)	1.3	1.6	1.9	2.2	2.5	2.9	3.2
Light level (lux)	2407	1541	1070	786	602	475	385
Ø Beam (m)	5.1	6.4	7.6	8.9	10.2	11.5	12.7
Light level (lux)	340	218	151	111	85	67	54

#### Optical System

- Spherical reflector of pure, polished, anodised aluminium.
- Ø 112 mm Fresnel lens.
- GY9.5 lampholder for 230/240 V, 300, 500 or 650 W tungsten halogen lamps with 46.5 mm light centre length.
- Focusing mechanism with smooth control by a screw knob.

Dimensions (A x B x C) : 245 x 220 x 240 mm  
 Net weight : 2.2 kg  
 Packing : 375 x 230 x 185 mm  
 Gross weight : 3.2 kg  
 50 units per pallet



### C 51 9°- 60° Prism-convex spotlight

The C51 is characterised by a semi-sharp edged beam variable from a tight spot of 9° to a wide flood of 60°.

Supplied with :

- Ø 112 mm prism convex lens
- GY9.5 lampholder
- 1 m power supply cable (2 x 1.5 + 1.5 mm<sup>2</sup>) without plug
- 1 safety grid
- 1 metal filter frame (125 x 125 mm)

500 W / 11.000 lm

Mini. Angle : 9°

Maxi. Angle : 60°

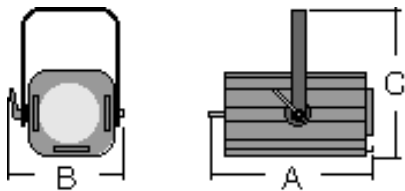
Distance (m)	4	5	6	7	8	9	10
Ø Beam (m)	0.6	0.8	0.9	1.1	1.3	1.4	1.6
Light level (lux)	3191	2042	1418	1042	798	630	511
Ø Beam (m)	4.6	5.8	6.9	8.1	9.2	10.4	11.5
Light level (lux)	312	200	139	102	78	62	50

#### Optical System

- Spherical reflector of pure, polished, anodised aluminium.
- Ø 112 mm prism convex lens.
- GY9.5 lampholder for 230/240 V, 300, 500 or 650 W tungsten halogen lamps with 46.5 mm light centre length.
- Focusing mechanism with smooth control by a screw knob.

Dimensions (A x B x C) : 310 x 220 x 260 mm  
 Net weight : 2.7 kg  
 Packing : 425 x 230 x 185 mm  
 Gross weight : 3.7 kg  
 50 units per pallet





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## 300 / 500 / 650 W Theatre Spotlights

### DS 54 18° - 38° Zoom profile spotlight with condenser

The DS54 is a variable angle profile spotlight, equipped with 2 individually adjustable zoom lenses. It provides a sharp or soft-edged beam over a very useful range of 18° to 38°. Zoom focusing is smooth and stable in any position. The use of high quality condenser optics results into a superior beam quality and very accurate imaging capabilities.

Supplied with :

- 2 zoom lenses and 1 condenser lens
- GY9.5 lampholder
- 4 beam shaping shutters with isolated handles
- 1 m power supply cable (2 x 1.5 + 1.5 mm<sup>2</sup>) without plug
- 1 safety grid
- 1 metal filter frame (125 x 125 mm)

500 W / 11.000 lm

Mini. Angle : 18°

Maxi. Angle : 38°

Distance (m)	4	5	6	7	8	9	10
Ø Beam (m)	1.3	1.6	1.9	2.2	2.5	2.9	3.2
Light level (lux)	1219	780	542	398	305	241	195
Ø Beam (m)	2.8	3.4	4.1	4.8	5.5	6.2	6.9
Light level (lux)	354	227	158	116	89	70	57

#### Optical System

- Spherical reflector of silvered glass.
- 18°-38° zoom optics with 2 polished, plano-convex lenses.
- Aspherical condenser lens.
- GY9.5 lampholder for 230/240 V, 300, 500 or 650 W tungsten halogen lamps with 46.5 mm light centre length.
- Focusing mechanism with smooth control by 2 screw knobs.
- Lamp focus adjustment knob.



Dimensions (A x B x C) : 440 x 220 x 260 mm  
 Net weight : 3.7 kg  
 Packing : 555 x 230 x 185 mm  
 Gross weight : 4.7 kg  
 50 units per pallet

### DW 54 30° - 47° Zoom profile spotlight with condenser

The DW54 is a variable 30°-47° wide angle profile spotlight, equipped with 2 individually adjustable zoom lenses. Zoom focusing is smooth and stable in any position. The use of high quality condenser optics results into an even light distribution at wide angles with very accurate imaging capabilities. This makes the DW 54 a very useful complement to the DS 54 (18°-38°) of the same family.

Supplied with :

- 2 zoom lenses and 1 condenser lens
- GY9.5 lampholder
- 4 beam shaping shutters with isolated handles
- 1 m power supply cable (2 x 1.5 + 1.5 mm<sup>2</sup>) without plug
- 1 safety grid
- 1 metal filter frame (125 x 125 mm)

500 W / 11.000 lm

Mini. Angle : 30°

Maxi. Angle : 47°

Distance (m)	4	5	6	7	8	9	10
Ø Beam (m)	2.1	2.7	3.2	3.8	4.3	4.8	5.4
Light level (lux)	533	341	237	174	133	105	85
Ø Beam (m)	3.5	4.3	5.2	6.1	7.0	7.8	8.7
Light level (lux)	288	184	128	94	72	57	46

#### Optical System

- Spherical reflector of silvered glass.
- 30°-47° zoom optics with 2 polished, plano-convex lenses.
- Aspherical condenser lens.
- GY9.5 lampholder for 230/240 V, 300, 500 or 650 W tungsten halogen lamps with 46.5 mm light centre length.
- Focusing mechanism with smooth control by 2 screw knobs.
- Lamp focus adjustment knob.



Dimensions (A x B x C) : 370 x 220 x 260 mm  
 Net weight : 3.5 kg  
 Packing : 470 x 230 x 185 mm  
 Gross Weight : 4.5 kg  
 50 units per pallet

# EUROSPOT

300 / 500 / 650 W Theatre Spotlights

Accessories	C 51	F 51	DS 54	DW 54	Reference
Metal filter frame (125 x 125 mm)	•	•	•	•	PFM/EURO
Rotatable 4-leaf barndoor	•	•			CF/EURO
Iris diaphragm			•	•	OR/EURO
Gobo holder			•	•	SP/GO/EURO
Hook clamp for Ø 21 to Ø 48 mm tubes	•	•	•	•	A6
Hook clamp for Ø 35 to Ø 50 mm tubes	•	•	•	•	A20
Hook clamp for Ø 35 to Ø 50 mm tubes	•	•	•	•	A25
Hook clamp for Ø 45 to Ø 60 mm tubes	•	•	•	•	A30
1.2 m spotlight safety cable	•	•	•	•	CAS 120/N

Spare Parts					Reference
1 m cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without male plug	•	•	•	•	C. EURO
GY9.5 lampholder kit	•				KIT/GY9,5/C5
GY9.5 lampholder kit		•			KIT/GY9,5/F5
GY9.5 lampholder kit			•	•	KIT/GY9,5/D5
Front plate with integrated safety grid	•	•	•	•	GR/EURO
Ø 112 mm Fresnel lens		•			F112
Ø 112 mm Prism convex lens	•				PC112/PEBBLE
Ø 60 mm Condenser lens			•	•	PYREX 60
Ø 88.9 mm zoom 1 PC lens			•	•	PC88/RC62
zoom 2 PC lens				•	
Ø 100 mm zoom 1 PC lens					PC100/RC95
zoom 2 PC lens			•		
Set of 4 beam shaping shutters			•	•	CM/EURO

ADB - Your Partner for Light

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**ADB**  
Lighting Technologies

DS-5013-E-01r Subject to modifications

# EUROSPOT

## Theatre Spotlights

for 300 / 500 / 650 W Halogen Lamps

### The most economical solution for high quality lighting of

- Small Theatre Stages
- Drama Workshops
- School Theatres
- Community Halls
- Clubs
- Museums and Art Galleries
- Showrooms
- Display Windows
- Architecture

These very compact and light-weight spotlights are easy to operate, store and transport. A simple design as well as a rugged construction from corrosion proof aluminium extrusions and sheet steel provide excellent mechanical strength and long term reliability.

The use of high performance optics, in particular condenser lenses in the zoom profiles, ensures excellent output and beam quality.

### Ease of Use

Small size and low weight make EUROSPOT very easy to install, handle and balance in any position. The tiltlock mechanism is simple and efficient. Focusing and zoom lens adjustment are smooth and stable.

Beam shaping on profiles is made easy and precise by means of 4 heat insulated stainless steel shutters, or a size B gobo holder.

Front runners allow easy insertion of a filter frame and a 4-leaf rotatable barndoor.





The hinged bottom allows easy access to the lamp and lens / reflector for cleaning.

### Quality of Light

EUROSPOT spotlights provide a level of light output and beam quality which is normally associated with much more expensive fixtures. This is the result of professional optical design based on high quality lenses combined with anodised aluminium or silvered glass reflectors.



### A Comprehensive Family

- C 51  Prism-Convex
- F 51  Fresnel
- DS 54  Zoom Profile with Condenser Optics
- DW 54  Zoom Profile with Condenser Optics