

EUROSPOT DW 54

Zoom Profile Spotlight with Condenser Optics
30° - 47° 300/500/650 W



ADB
A Siemens Company

DE 5350

The DW54 belongs to the EUROSPOT family of theatre spotlights developed to provide a practical and economical solution to the lighting requirements of small stages theatres, schools, clubs, community halls, cultural centres, hotels, etc...

Designed for a 300,500, or 650W tungsten halogen lamp, the DW54 is an extremely versatile spotlight which will prove equally effective in exhibition and architectural applications.

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. Lamp focus is adjustable. 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.

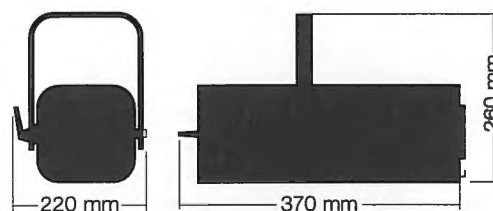
Beam shaping and imaging are achieved by 4 shutters working in 2 planes, an iris diaphragm or a size M gobo. Front runners allow one-hand insertion of filter frames.

Small size and very low weight make this spotlight very easy to install, handle, store and transport. The tiltlock mechanism is simple and efficient. A clutch type handle prevents any interference with the shutters. Access to the lamp and lenses is made easy by a hinge down bottom tray and a sliding lid on the lens housing.

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 DW54 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, 4 beam shaping shutters, a metal colour frame and an integral wiremesh front lens safety guard.



Net Weight 3.2 kg

Packing 230 x 185 x 470 mm

Gross Weight 4,2 kg

50 Units per pallet

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Specifications

Housing

- The housing is a rigid assembly of aluminium extruded sections and sheet steel.
- The gate is fitted with 4 removable, stainless steel beam shaping shutters with anti-reflection coating, working in 2 planes. It can also accept a drop-in iris diaphragm or a size M gobo holder.
- The front end plate is fitted with runners for the insertion of a filter frame (125 x 125 mm).
- A sliding lid on the lens barrel gives full access to the zoom lenses.
- A hinge down tray held by a captive clip allows easy access to the lamp/reflector assembly.
- The back end plate is fitted with a strong grab handle.

Positioning Mechanism

- A strong steel yoke, with simple and effective tiltlock mechanism. Clamping is by a clutch type handle which does not interfere with the shutters.
- One Ø 11mm hole in the transverse arm of the yoke for fixing on a hook clamp.

Optical System

- Spherical reflector of pure, polished, silvered glass.
- 30°-47° zoom optics with 2 polished, plano-convex lenses.
- Aspherical condenser lens.
- Focusing mechanism with smooth control by 2 screw knobs.
- Lamp focus adjustment knob.

Electromechanical Components

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

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.
- All metal parts are protected against corrosion.
- Overall finish in non-reflective, heat and wear resisting black paint.

ADB - Your Partner for Light

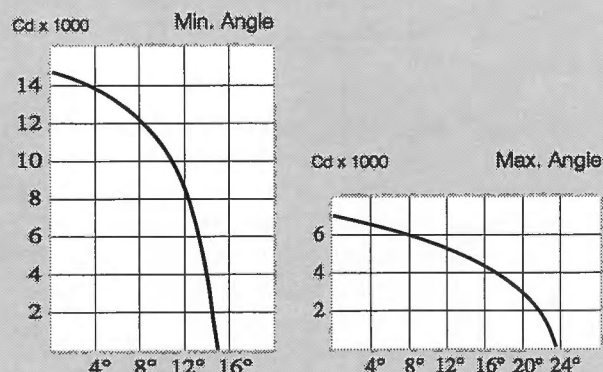
Photometric Data

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)

		Min. Angle		Max. Angle	
Peak Intensity (Cd)		14 500		7 000	
Cut off Angle		30°		47°	
Throw Distance (m)	Lux	Ø (m)	Lux	Ø (m)	
4	905	2.1	440	3.5	
5	580	2.7	280	4.3	
6	400	3.2	195	5.2	
7	295	3.8	145	6.1	
8	225	4.3	110	7.0	
9	180	4.8	90	7.8	
10	145	5.4	70	8.7	

Light Distribution (Half Beam)



Accessories

Metal filter frame
Iris diaphragm
Gobo holder
Hook clamp
Safety cable
Safety chain

PFM/EURO
OR/EURO
SP/GO/EURO
A5 or A15
CAS 120
CHAS 120

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