

*500 W RGBAL LED blinder with
RGB LED ring effect*

EAN: 8717748619822



The Showtec Lumina Sola is a high-performance outdoor LED blinder designed for large-scale events and demanding applications. At its core, a 500 W RGBAL LED engine delivers an impressive output of over 12,000 lumens with a CRI above 91, ensuring vibrant colours and natural whites. The amber LED section enables a realistic tungsten dimming effect for authentic warm fades. The Lumina Sola features a dedicated studio mode offering a CCT range from 1800K to 7000K and a Tint channel for green/magenta adjustment, making it ideal for TV and film environments.

Surrounding the centre LED is a ring of 192 RGB LEDs (1.5 W each), divided into 8 controllable sections for beautiful visual effects and creative accents. With a wide beam angle of over 80°, the Lumina Sola provides smooth coverage for stages and outdoor installations. Its IP65-rated housing guarantees reliable performance in all weather conditions, while convection cooling combined with an axial fan (with adjustable modes) ensures silent and efficient operation.

Control is flexible and professional: DMX/RDM, Auto, Manual, and Master/Slave modes are supported, with up to 50 DMX channels for advanced programming. Thanks to RDM, you can remotely change the DMX address and switch DMX modes without physical access. The Lumina Sola also features 4 selectable dimming curves for precise intensity control, Power Pro True connectors, and 3 and 5-pin DMX connections for secure and robust setups. High-frequency PWM (1-25 kHz) ensures flicker-free performance for broadcast and camera applications.

A range of optional accessories is available to soften the LED appearance, modify the beam look, or create distinctive patterns for a vintage or Goliath-style appearance.

Special features:

- 500 W RGBAL LED + 192 RGB LEDs for wash and effects
- Over 12,000 lumens output
- IP65-rated for outdoor use
- Wide 80° beam angle
- CRI > 91 for superior colour quality
- DMX/RDM control with remote addressing

Specifications:

Source

Light Source Type	LED
Light Source Quantity	192
Light Source Power	500 W
LED Colour Type	RGBAL
Life Expectancy	20000 h
Refresh Rate	1000 Hz
Refresh Rate (Max.)	25 kHz
Luminous Flux (Total)	12668 lm
Luminous Flux (Red)	1775 lm
Luminous Flux (Green)	3511 lm
Luminous Flux (Blue)	825 lm
Luminous Flux (Amber)	3185 lm
CRI	91.5

Optical

Beam Angle (Horizontal)	81.2°
Beam Angle (Vertical)	81.2°

Control and Programming

Control Mode	Auto / DMX / Manual / RDM
DMX Channels	1 / 50
Protocols	DMX / RDM
Fan mode	Yes
Dim Curve	Linear / Square / I-Square / S-Curve

Dynamic Effects

Dimmer	0-100 %
Strobe	0-20 Hz

Electrical Specifications and Connections

Power Supply	100-240 V AC 50/60 Hz
Power Consumption	450 W
Power Connector In	Power Pro True
DMX Connector	XLR 5P In/Out
DMX Connector In	XLR 5P
DMX Connector Out	XLR 5P

Mechanical Specifications

Length (mm)	265 mm
Width (mm)	555 mm
Height (mm)	481 mm
Weight	21.3 kg
IP Rating	IP65
Material	Aluminium
Housing	Aluminium
Colour	Black

Product Properties

Cooling

Convection/Axial fan

Thermal Specifications

Maximum Ambient Temperature

40°C

Maximum Surface Temperature

70°C

Included Items

Included Cables

Power Pro True Cable