

BSL LIGHTING

PURE LUX Spec Sheet

└ High CRI LED Blinder

└ 550 Watt RGB-A-WW
LED source

└ Lightweight
& versatile



www.bsl-lighting.com

Pure power Pure precision Pure Lux

The high-end RGB-A-WW blinder that transforms every scene with unmatched color performance.

The BSL Pure Lux sets a new benchmark for modern blinders. Powered by a 550W RGB-A-WW LED engine, it delivers not only massive output but also exceptional color quality with a CRI ≥ 93 , ensuring flawless skin tones and true broadcast-ready performance. The addition of full RGB provides a complete, versatile color spectrum, enabling both natural rendering and powerful creative effects.

Its advanced optical system and 50° beam produce a wide, uniform projection that elevates any live production or studio environment. The lightweight magnesium-aluminum housing, IP65 rating, and flexible DMX/RDM modes make the Pure Lux ready for any professional application.

With optional accessories — including rigging solutions, barndoors, and diffusion — the Pure Lux can be fully tailored to the desired look. Engineered for reliability, maximum visual impact, and pure creative control.

SPECIFICATIONS

Light Source	Custom COB LED (R 100W, G 100W, B 100W, W 150W, A 100W)
Total LED Power	550 W RGB-A-WW
CRI CCT range	Ra ≥ 93 2000K-10000K (± 100 K)
Illuminance	12,170 lux @1m / 1,638 lux @3m / 625 lux @5m
Beam Angle (50%)	50°
Field Angle (10%)	87°
Strobe Frequency	0-25 Hz
Control Protocols	DMX512 / RDM
DMX Channel Modes	1 / 5 / 8 / 12 / 17 channels
Connector	5 PIN XLR IN/OUT
Input Voltage	100-240V AC, 50/60 Hz
Power Consumption	120W constant / 280W boost
Ingress Protection	IP65
Cooling System	Active fan cooling
Housing Material	Magnesium-aluminium alloy
Dimensions and Weight	195 × 145 × 145 mm & 2.35 kg



FEATURES

- High-Fidelity Color Performance
- Powerful 550W RGB-A-WW Engine
- IP65 Outdoor Reliability
- Versatile Control Flexibility
- Lightweight Pro-Grade Housing
- Wide, Even Projection



PURE LUX

BSL LIGHTING

www.bsl-lighting.com