

ZIYA® 400 COB

IP65 COB LED ZOOM PAR



DESCRIPTION

The ZIYA® 400 COB is a powerful LED zoom PAR with RGBALC COB LED technology and IP65 certification. It is designed for use in theatres, at live events and for architectural lighting and combines powerful light output with finely tuned colour quality. The zoom range of 13° to 38° (field 22°-54°) and the Fresnel optics produce uniform, soft light with natural transitions.

The RGBALC colour mixing system enables brilliant colours and authentic white tones, while the motorised silent zoom allows precise adjustments between accentuated lighting and wide-area illumination. The bevelled rear of the housing provides easy access to the connections, even when the light is already installed. Together with the patented SPIN16® system and the robust IP65 design, the ZIYA® 400 COB ensures reliable operation in any type of installation.

FEATURES

- Zoom PAR with RGBALC COB LED for rich colours and uniform white light
- Wide zoom range of 13°-38° (Field 22°-54°) for dynamic looks
- CRI: 92 (3,200 K) / 97 (5,600 K)
- Light output: 9,800 lm
- Fresnel lens for homogeneous light distribution without hotspots
- Motorised silent zoom with vibration-free operation
- Variable colour temperature (CCT) from 2,400 K to 10,000 K and 15 colour presets
- Various fan modes can be selected
- Robust IP65 housing for outdoor and touring applications
- Patented SPIN16® technology for quick and flexible installation thanks to the 16 mm TV spigot integrated into the bracket
- Optional accessories: barndoor & flight case

SPECIFICATIONS

Photometric values	
LED data	400 W RGBALC LED
Luminous flux	9800 lm
Front lens diameter	166 mm
Beam/Field angle	Beam: 13.6° (hor.) x 38.5° (vert.) / Field: 22.4° (hor.) x 53.7° (vert.)
Zoom range	13 – 54 °
Focusing type	Manual
LED PWM frequency	650 Hz, 1,530 Hz, 3,600 Hz, 12 kHz, 18.9 kHz, 25 kHz
Dimmer resolution	16 Bit
Dimmer curves	Exponential, Linear, Logarithmic, S curve

Colours	
Colour mix functions	RGB, CCT + Tint, HSI, x-y
LED colours	Red, Blue, Green, Amber, Lime, Cyan
Colour control	Analog modulation, Colour film (GEL), CTC with tint, Direct (single control), HSI, xy (color triangle)
Correlated colour temperature (CCT)	2400 – 10000 K
Halogen simulation redshift/DTW	Yes
Calibration	Factory calibration, RAW, Smart calibration, User defined calibration
Colour rendering index (CRI)	> 97

Effects	
Strobe	0 – 20 Hz

CLZIYA400COB

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Control

Controller protocols	DMX512, RDM, W-DMX [™] (Transceiver)
Number of DMX control modes	11
Stand alone operating modes	Master/slave, Endless loop, Stand-alone, Static, Autorun
Data in connector	XLR 5-pole male
Data out connector	XLR 5-pole female

Mains operation

Operation voltage	100 V AC - 240 V AC / 50 - 60 Hz
Rated power	360 W
Min. Cos Phi power factor (230 V)	0.99
Rated current	1.6 A
Mains connector	Mains plug device outdoor male & TRUE1 [®]
Mains fuse	T6.3A/250 V
Power out connector	Mains plug device outdoor female & TRUE1 [®]
Max. output current	7 A

Housing

Cabinet material	Die-cast aluminium
Colour	Black

Cooling

Cooling system	Temperature controlled fan cooling
Cooling modes	Auto, Constant High, Constant Mid, Constant Low, Off

Environmental

Protection class	IP65
Risk group	2
Ambient temperature	-15 – 45 °C
Maximum air humidity (non-condensing)	85 %

Dimensions & weight

Width	245 mm
Height	231 mm
Depth	329 mm
Weight	8.7 kg

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Other properties

Included Accessories	Mains cable
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