

B EXPO500TW



SPECSHEET

High CRI fresnel with automated zoom

The B EXPO500TW sets new standards for fresnel lighting with its high CRI and tunable white LED technology, ensuring consistent and high-quality light output for shops, exhibitions, and places of worship. Automated zoom and a user-friendly OLED display enhance operational efficiency and precision.

Silent mode operation and DMX/RDM compatibility make the B EXPO500TW a versatile tool for producing the perfect ambiance, providing lighting designers with the flexibility and control needed for intricate lighting setups.



Physical

Dimensions (WxHxD):	46.7 x 40.4 x 32.0 cm 18.4" x 15.9" x 12.6"
Packaging dimensions (WxHxD):	51.1 x 43.9 x 38.6 cm 20.1" x 17.32" x 15.16"
Net weight:	11 kg 24.3 lbs
Gross weight:	12 kg 26.5 lbs

Mounting options

Hanging:	3 x M12 hole
Second suspension:	1 x Eye in back of unit to pass carabiner
Standing:	n/a

Control

Menu control:	TFT display with 4 buttons
Control:	DMX512, manual
In/Link:	XLR 5-pin
DMX Mode:	3/4/7 channels
Dimming:	16-bit
Dimming curve:	Linear
Tilt locking system:	One hand tilt locking

Optical

Beam angle:	21° - 55°	
Colours:	Tunable White 2,700K - 6,200K	
Refresh rate:	Adaptable 600 Hz - 4,000 Hz	
Strobe:	0 - 20 Hz	
CRI:	97.4 Ra	
TM30:	Rf = 95 Rg = 101	
Light Output	Light output @ 21° 5m: 3,432 lux (CW) 3,020 lux (WW) 10m: 1,158 lux (CW) 900 lux (WW) 15m: 560 lux (CW) 420 lux (WW)	Light output @ 55° 5m: 994 lux (CW) 708 lux (WW) 10m: 399 lux (CW) 230 lux (WW) 15m: 147 lux (CW) 115 lux (WW)

Electrical

Fixture rated power:	300W
LED engine:	500W Tunable white
Input power:	100 - 240V ~ 50/60Hz Auto switching power supply
In/Link:	powerCON TRUE 1 max. link current 10A
Power Factor:	0.94
LVI:	n/a

Environmental

Cooling:	Electronic heat control
IP rating:	IP20
Max. environment temperature:	40°

Accessories

Included	powerCON True1, XLR 5-pin cable, Safety wire
Optional	B EXPO EASY BARNDOOR, B EXPO BARNDOOR, B EXPO FILTER