

B EXPO100MWW



SPECSHEET

100W Warm White Fresnel



The B EXPO100MWW fresnel light is optimized for small spaces, delivering a 100W high CRI warm white light in a compact form factor. Its beam angle is adjustable from 21° to 85°, offering versatile lighting options from focused spots to wide washes.

Designed with a user-friendly interface, the B EXPO100MWW includes a 4-button LCD display for easy settings adjustments. A safety eye for secure rigging, silent mode operation and 16-bit dimming make it suitable for quiet environments that require high precision, such as theaters and studios.



Physical

Dimensions (WxHxD):	29.8 x 32.7 x 27.1 cm 11.7" x 12.9" x 10.7"
Packaging dimensions (WxHxD):	34 x 40 x 30 cm 11.8" x 15.7" x 11.8"
Net weight:	4.28 kg 9.4 lbs
Gross weight:	5.08 kg 11.2 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:	1/4/5 channels
Dimming:	16-bit
Dimming curve:	Linear
Tilt locking system:	One hand tilt locking

Optical

Beam angle:	21° - 85°	
Colours:	Warm White 3,000K	
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° 3m: 4,311 lux 5m: 1,491 lux 10m: 405 lux	Light output @ 85° 3m: 354 lux 5m: 127 lux 10m: 32 lux

Electrical

Fixture rated power:	100W
LED engine:	100W Warm White
Input power:	100 - 240V ~ 50/60Hz Auto switching power supply
In/Link:	powerCON TRUE 1 max. link current 10A
Power Factor:	0.963
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 BARN100, B FILTER100