

FUSION X-PAR 8Z

FUSION
by GLP



Key Facts

- 80 W RGBL LED
- 8.5° – 55° Motorized Zoom
- Up to CRI 85+ / TLCI 80+
- Multiple Mounting Options
- IP65

THE FUTURE-PROOF EVOLUTION OF THE LED PAR

The FUSION X-PAR 8Z is the most compact and lightest of FUSION by GLP's X-PAR series of weatherproof (IP65) LED PARs. At just 4.5 kg, it is also a real lightweight that makes it ideal for applications with limited space.

Whether as a coloured beamlight or for homogeneous illumination of surfaces, the FUSION X-PAR 8Z's motorised zoom makes all this possible. And with its IP65 classification, the spotlight is also ideal for façade lighting.

The X-PAR 8Z emits up to 1,800 lm with excellent light quality thanks to GLP's patented iQ.Gamut colour calibration. The extremely compact housing allows it to be used in a variety of applications, and the 132 mm Fresnel lens ensures an excellent light image. Thanks to the motorised zoom, powerful 8.5° beams are just as possible as homogeneous washes up to 55°.

A variable colour temperature from 2,500 to 10,000 Kelvin, magenta/green shift correction and a virtual colour wheel with 64 referenced LEE colours, round off the features of the FUSION X-PAR 8Z.

Finally, the fixture's fanless cooling system also allows it to be used in noise-sensitive environments. The device supports DMX, RDM and iQ.Mesh.

LIGHT SOURCE

Type	RGBL LED
Power	80 W
Count	1
Lifetime	20,000 h
LED Refresh Rate	600 Hz 1,200 Hz 2,200 Hz 3,000 Hz 4,800 Hz 9,600 Hz 25 kHz
CRI	90
TLCI	80+

OPTICAL SYSTEM

Output	up to 1,600 lm
Min. Zoom	7.5°
Max. Zoom	45°
Zoom Ratio	1:6
Front lens diameter	132 mm / 5.2 in

Technical Data

DYNAMIC EFFECTS

Color mixing	RGBL
CTC	2,500 – 10,000 K
Color wheel	virtual, 64 LEE referenced colors 4 White Presets
Zoom	motorized
Dimmer	0 – 100 % electronic, 8 bit / 16 bit
Dimming curves	linear square inverse square S-Curve
Shutter	1 – 10 Hz

CONTROL & PROGRAMMING

DMX Channels	4 8 11 16
Control Modes	6
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) iQ.Mesh
High-Res Channels	Dimmer
Dimmer Speed	Fast Smooth
Setting and addressing	OLED display with 4 buttons DMX RDM 1 Scene Stand Alone iQ.Mesh
Firmware Update	DMX Link via Updater cable or Handheld

CONNECTIONS

Power connection	True1 compatible In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power	85 W

THERMAL SPECIFICATIONS

Cooling type	convection
Max. surface temperature	90 °C / 194 °F
Temperature range, operating	-10 °C / 14 °F to 45 °C / 113 °F
Total heat dissipation	290 BTU/hr

INSTALLATION

Mounting	1 eyelet for safety cable M10 thread, centred Double Bracket with three holes
Orientation	Any
Location	Outdoor temporary, indoor permanent

CONSTRUCTION

Housing color	Black
Housing material	Die-cast Aluminum
Protection Rating	IP 65
Construction Features	Floor Standing with adjustable Foot Direct M10 Thread for Drop Mounting Low-Ceiling Mounting with bracket Holder for optional filterframe and barndoor

SHIPPING

Tourpack	10-way
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DIMENSIONS & WEIGHT

Height	172 mm / 6.77 in
Width	212 mm / 8.35 in
Depth	249 mm / 9.8 in
Weight netto	4.5 kg / 9.92 lbs