

# 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	85+
TLCI	80+

### OPTICAL SYSTEM

Output	up to 1,800 lm
Min. Zoom	8.5°
Max. Zoom	55°
Zoom Ratio	1:7
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