

FUSION X-PAR 12Z

FUSION
by GLP



Key Facts

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

A WORKHORSE REINVENTED

The FUSION X-PAR 12Z is a versatile LED Par. With its 190 mm Fresnel Zoom Lens and the single Source LED 120 W RGBL, it fits any application needed. The wide zoom range from 8.5° to 55° Degree provides perfect beam control.

The housing is constructed for standing without bracket, making it possible to use the FUSION X-PAR 12Z as uplighter with narrow beam as well as a general lighting fixture with wide angle to light up whole areas. Additionally, the M12 Thread placed on the back of the fixture enables vertical dropping and other mounting options.

With its fanless IP65 rated design, it is prepared for all uses in- and outdoor.

As part of the new range of GLP fixtures with the impressive GLP iQ.Gamut Technology, the FUSION X-PAR 12Z comes with great color algorithm and calibration. In combination with the RGBL LED, it has the power to choose between Color Quality or Output to match any application.

LIGHT SOURCE

Type	RGBL LED
Power	120 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 2,600 lm
Min. Zoom	8.5°
Max. Zoom	55°
Zoom Ratio	1:7
Front lens diameter	190 mm / 7.4 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
Shutter	1 – 10 Hz

CONTROL & PROGRAMMING

DMX Channels	4 6 6 8 11 16
Control Modes	6
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20)
High-Res Channels	Dimmer
Dimming curves	linear square inverse square S-Curve
Dimmer Speed	Fast Smooth
Setting and addressing	OLED display with 4 buttons DMX RDM 1 Scene Stand Alone
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	135 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

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	8-way
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DIMENSIONS & WEIGHT

Height	245 mm / 9.65 in
Width	245 mm / 9.65 in
Depth	254 mm / 10 in
Weight netto	6.9 kg / 15.2 lbs

ARTICLE NUMBERS

FUSION X-PAR 12Z	4900218
Barndoor	4930180
Filter Frame	4930181