

FUSION X-PAR 18Z

FUSION
by GLP



Key Facts

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

A WORKHORSE REINVENTED

The FUSION X-PAR 18Z is a versatile LED PAR. With its 180 mm Fresnel Zoom Lens and the single Source LED 180 W RGLB, it fits any application needed. The wide zoom range from 8.5° to 55° Degree provides perfect beam control. The big brother to the FUSION X-PAR 12Z, it provides a higher light output of up to 4,790 lm.

The housing is constructed for standing without bracket, making it possible to use the FUSION X-PAR 18Z 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 18Z comes with great color algorithm and calibration. In combination with the RGLB LED, it has the power to choose between Color Quality or Output to match any application.

LIGHT SOURCE

Type	RGLB LED
Power	180 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+

Technical Data

OPTICAL SYSTEM

Output	up to 4,790 lm
Min. Zoom	8.5°
Max. Zoom	55°
Zoom Ratio	1:7
Front lens diameter	190 mm / 7.4 in

DYNAMIC EFFECTS

Color mixing	RGBL
CTC	2,500 – 10,000 K
Color wheel	virtual, 64 LEE referenced colors 4 White Presets
Zoom	motorized, 8 bit
Zoom Speed	2.1 s
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) LumenRadio CRMX iQ.Mesh
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 iQ.Service via iQ.Mesh
Firmware Update	DMX Link via Updater cable or Handheld iQ.Service via iQ.Mesh

CONNECTIONS

Power connection	PowerCon TRUE1 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	200 W

THERMAL SPECIFICATIONS

Cooling type	Combined convection and forced air
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 M12 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 M12 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	297.5 mm / 11.71 in
Weight netto	8.8 kg / 19.4 lbs