

IMPRESSION X5 IP BAR 1000



Key Facts

- fully weatherproof IP 65 housing with same pixel pitch between multiple fixtures
- super fast zoom for punchy 4.5° narrow curtain to 60° homogen wide wash
- up to 7,500 lm Output and high Color Rendering with CRI 90
- innovative GLP iQ.Mesh and iQ.Gamut technology

Technical Data (1/2)

LIGHT SOURCE

Type	RGBL LED
Power	40 W
Count	18
Lifetime	50,000 h
LED Refresh Rate	Low: 550 Hz Optimal: dynamic PWM Algorithm High 1: 4,600 Hz High 2: 13,000 Hz
	Values rounded. For detailed information, contact GLP Support
CCT	6,500 K
CRI	8,000 K: 87 6,500 K: 86.7 3,200 K: 84.8
TLCI	8,000 K: 90 6,500 K: 88.5 3,200 K: 74.1
TM-30-15 Rf/Rg	6,500 K: 87 / 105 3,200 K: 85 / 110

OPTICAL SYSTEM

Output	up to 7,500 lm
Min. Zoom	4.5°
Max. Zoom	60°

Zoom Ratio	1:13
Front lenses	18 square lenses: 48 x 48 mm / 1.88 x 1.88 in with 980 x 120 mm / 38.58 x 4.72 in aperture

DYNAMIC EFFECTS

Color mixing	RGB RGBL x,y
CTC	2,500 – 10,000 K
CQC	High Output (HO) High Quality (HQ) Desaturation
Color wheel	virtual, 64 LEE referenced colors
Magenta/Green-Shift	yes
Tungsten Simulation	8x linked to fix CCT 8x relative to Colormix
Pattern Effects	50 dynamic pattern macros with special effects
Color Mix Priority	different Layer Priority settings
Zoom	4.5° – 60°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

Technical Data (2/2)

MOVEMENT

Tilt 195°, 16 bit

CONTROL & PROGRAMMING

DMX Channels	M1: CH20 M2: CH33 M3: CH48 M4: CH84 M5: CH63 M6: CH81
Control Modes	6
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net sACN GLP iQ.Mesh LumenRadio CRMX
High-Res Channels	Pan Tilt Intensity Colormix
Dimming Curves	Linear Soft S-Curve
Performance Modes	Fast Normal (Balanced) Smooth
Fan Modes	Regulated High Medium Low Minimum
Subfixture Mode	Normal Independent
White Points	8,000 K 5,600 K 4,200 K 3,200 K
iQ.Gamut	Rec.709 Rec.2020 DCI P3.65
PWM	Low Optimal High 1 High 2 Max
Setting and addressing	Backlit graphic LCD 4 Button Menu Navigation DMX RDM iQ.Service App
Others	1 Scene Stand Alone Art-Net/sACN Node Data Conversion GLP iQ.Mesh FPO Port (Flexible Protocol Option)
Firmware Update	DMX Link via DProg GLP iQ.Mesh

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out Neutrik etherCON port A & B (failsafe) GLP FX.Port

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	750 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	-5 °C – 45 °C / 14 °F – 113 °F
Thermal Protection	automatic
Total heat dissipation	2,600 BTU/hr

INSTALLATION

Mounting	4 pairs of 1/4-turn locks for two rigging/installation brackets 2x safety cable attachment point
Orientation	Any
Location	Indoor permanent Outdoor temporary

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic Aluminum Steel
Protection Rating	IP 65
Construction Features	Tilt-Lock-System Alignment System Handgaps for carrying Threads for external accessory Smart Slide-In Filter System

SHIPPING

Single fixture	Carboard
Tourpack	3-way

DIMENSIONS & WEIGHT

Height	263 mm / 10.35 in
Width across yoke	1,000 mm / 39.37 in
Depth	141 mm / 5.55 in
Weight netto	27.2 kg / 59.96 lbs

ARTICLE NUMBERS

X5 IP Bar 1000	7880
Beam Shaper 5°x30°	87181
Diffuser 30°	87184
Soft Diffuser 2°	87180