

IMPRESSION X5



Key Facts

- for high output and best color gamut
- new GLP iQ.Gamut technology
- total lumen Output of up to 12,500 lm with puchy 2 Mcd in narrow
- fast wide zoom range from 63° field down to high contrast 3.5° beam angle

Technical Data (1/2)

LIGHT SOURCE

Type	RGBL LED
Power	per pixel: 40 W
Count	19
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
Duv	perfect white point matches with low Duv values
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

OPTICAL SYSTEM

Output	up to 12,500 lm
Max. Peak Luminous Intensity	2 Mcd
Min. Zoom	3.5°

Max. Zoom	63°
Zoom Ratio	1:17
Output Lenses	19 lenses with full circular aperature, diameter 260 mm / 10.2 in

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	3.5° – 63°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

Technical Data (2/2)

MOVEMENT

Pan	540° normal, 650° extended, 16 bit
Tilt	240°, 16 bit
Pan / Tilt Movement Speed	Super Fast Pan/Tilt Movement

CONTROL & PROGRAMMING

DMX Channels	M1: CH24 M2: CH35 M3: CH41 M4: CH89 M5: CH70
Control Modes	6
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net sACN GLP iQ.Mesh LumenRadio CRMX (optional)
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 Off
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 Conver- sion GLP iQ.Mesh FPO Port (Flexible Protocol Option)
Firmware Update	DMX Link via DProg GLP iQ.Mesh GLP iQ.Tool

CONNECTIONS

Power connection	Neutrik powerCON True ¹ 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	710 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	5 °C – 45 °C / 40 °F – 113 °F
Thermal Protection	automatic
Total heat dissipation	2,650 BTU/hr

INSTALLATION

Mounting	1 pair of 1/4-turn locks 2x Safety Cable attachment point 1x M10 Screw Thread for direct mount of Rigging Clamp
Orientation	Any
Location	Indoor

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic Aluminum Steel
Protection Rating	IP 20
Construction Features	prepared for external accessories (Egg Crate; Tubus, electromechanical modules, etc) baseless design

SHIPPING

Single fixture	Carboard
Tourpack	4-way

DIMENSIONS & WEIGHT

Height	402 – 434 mm / 15.83 – 17.09 in
Width across yoke	415 mm / 16.4 in
Depth	290 mm / 11.4 in
Weight netto	13.3 kg / 29.3 lbs

ARTICLE NUMBERS

impression X5	7795
Egg Crate Extension	88090
Beam Shaper	88091
Soft Diffusor 2°	798050
Omega Bracket	86075