

GLP 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 60° field down to high contrast 3.5° beam angle

Technical Data (1/2)

LIGHT SOURCE

Light Source Type	40 W RGLB LED
LED Count	19
Lifetime	50,000h (L70)
LED refresh rate	Optimal, High1, High2, Max
CCT	Default white point: 6,500 K optional white points: 8,000 K; 5,600 K; 4,200 K; 3,200 K
Duv	perfect white point matches with low Duv values
CRI (Ra)	90 @ 6,500 K 85 @ 3,200 K
TLCI	90 @ 6,500 K 75 @ 3,200 K

OPTICAL SYSTEM

Total Output	up to 12,500 lm
Max. Peak Luminous Intensity	1.79 Mcd
Min. Zoom	3.5° beam angle
Max. Zoom	60° field angle
Zoom Ratio	1:16
Output Lens	19 lenses with full circular aperture, diameter: 260 mm
Risc Group	2

DYNAMIC EFFECTS

Pan Movement Angle	540° normal (650° extended) in 16 Bit Resolution
Tilt Movement Angle	240° in 16 Bit Resolution
Pan/Tilt Movement Speed	Super Fast
Color mixing	RGB, RGLB, xy
Color wheel	virtual, 64 LEE referenced colors
CTC	2,500 – 10,000 K
CQC (Color Quality Control)	High Output (HO) High Quality (HQ) Desaturation
Magenta/Green-Shift	yes
Pattern Effects	50 dynamic pattern macros with special effects
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects
Zoom	see section „Optical System“
Zoom Speed	super fast zoom mechanics
Position correction system	yes
Tungsten Simulation	8 selectable curves
Color Mix Priority	different Layer Priority settings

Technical Data (2/2)

CONTROL AND PROGRAMMING

DMX channels	M1: CH24 / M2: CH35 / M3: CH41 M4: CH89 / M5: CH70
Control Modes	M1: Basic / M2: Normal M3: Segment / M4: Multipix Advanced / M5: Multipix Compressed
Control Protocols	DMX (USITT DMX512-A), RDM (ANSI/ESTA E1.20), Art-Net, sACN, GLP iQ.Mesh, GLP iQ.DMX, optional: Lumenradio CRMX @ FPO
High-Res Channels	Pan, Tilt, Intensity, Colormix
Dimming Curves	Linear, Soft, S-Curve
Performance Modes	Fast, Normal, Smooth
Subfixture Modes	Normal, independend
Fan Modes	Regulated, High, Medium, Low, Off
White Points	6,500 K (Default); 8,000 K; 5,600 K; 4,200 K; 3,200 K
PWM	2,200 Hz; 3,000 Hz (Default); 4,800 Hz; 9,600 Hz
Setting and addressing	Control panel with backlit graphic display, 4 Button Menu Navigation, DMX, RDM, iQ.Service App, internal Webinterface
Others	1 Scene Stand Alone, Art-Net/ sACN Node, Data Conversion, GLP iQ.Mesh, FPO Port (Flexible Protocol Option), internal Webinterface, SW Fixture2Fixture Push
Firmware Update	DMX Link via DProg, iQ.Mesh, internal Webinterface, Fixture2Fixture Push

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 in/out
Signal connection	Neutrik XLR 5-Pin in/out, Neutrik etherCON port A & B (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 VAC nominal, 50/60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. number of products per current line	2 @ 100 – 120 V, 60 Hz 3 @ 200 – 240 V, 50 Hz
Incl. power cable	US: 16 A, 14 AWG, UL listed, E304117, SJT, 4.9 ft. EU: 16 A, 1.5mm ² , H05VV-F, 1.5 m

THERMAL SPECIFICATIONS

Cooling Type	combined air forced and convection cooling
Temperature range operating	5 °C / 40 °F to 45 °C / 115 °F
Thermal Protection	Automatic overtemperature

Total heat dissipation (calculated, +/- 10 %)	protection 2,500 BTU/h
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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	permanent indoor

CONSTRUCTION

Housing Color	black
Housing Material	high-impact flame-resistant thermoplastic, Aluminium, Steel
Protection Rating	IP20
Construction Features	prepared for external ac- cessories (Egg Crate, Tubus, electromechanical modules), baseless design, GLP FX.Port

DIMENSIONS & WEIGHT

Height (without tripod)	
Head home	402 mm / 15.83 in (Zoom in) 434 mm / 17.09 in (Zoom out)
Head 90°	457 mm / 18 in
Width (across yoke)	415 mm / 16.4 in
Depth	
Head home	290 mm / 11.4 in
Head 90°	184 mm / 7.3 in (Zoom in) 216 mm / 8.5 in (Zoom out)
min. center-to-center distance	465 mm / 18.3 in
additional Height Tripod	25.3 mm / 1 in
Weight (netto)	13.3 kg / 29.3 lbs
Weight Bracket (netto)	1.1 kg / 2.4 lbs

APPROVALS AND CLASSIFICATIONS

EN 62471 Classification	Risk Group 2
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