GLP IMPRESSION X5

Key Facts

- for high output and best color gamut
- new GLP iQ.Gamut technology
- total lumen Output of up to 11,200 lm with puchy 1.79 Mcd in narrow
- fast wide zoom range from 60° field down to high contrast 3.5° beam angle

NEXT GENERATION LED WASHLIGHT

The GLP impression X5 uses 19 powerful 40 Watt RGBL LED's to give an incredible output with increased color gamut.

GLP's new iQ.Gamut calibration algorithm ensures the impression X5 creates clean white points with CRI 90 at 6,500 K and the ability to switch to other fixed color temperatures instantly, all calibrated exactly to the black body line.

With new super-fast zoom mechanics, the impression X5 offers a 12:1 range running from 3.5° to 60° with homogenous light distribution across its entire range.

A new front face with a circular design offers a fresh modern look, a round aperature and has been designed to include geometric patterns for great looking Pixel mapping effects.

The impression X5 comes complete with an extensive feature package, including a virtual color wheel with 64 referenced LEE Filters, a new Color Quality Control, Magenta / Green Correction, a Tungsten Simulation and Effect Channel and a double layer effect option.

Featuring GLP's trademark baseless design, the impression X5 weighs just 13.3 kg / 29.3 lbs. Its design also allows static front accessories or even electromechanical effect modules to be attached.

The impression X5 can be controlled via DMX, ArtNet or sACN and can be set up using Near Field Control.

Technical Data* (1/2)

LIGHT SOURCE

Light Source Type	40 W RGBL LED
LED Count	19
Lifetime	50,000 h (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 match low Duv values.
CRI (Ra)	90+ @ 8,000 K 90 @ 6,500 K 85 @ 3,200 K
TLCI	90 @ 6,500 K 75 @ 3,200 K
TM-30-15	Rf/Rg: 87/105 @ 6,500 K Rf/Rg: 85/110 @ 3,200 K

OPTICAL SYSTEM

Total Output	up to 11,200 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 aperature, diameter: 260 mm
Risc Group	2

DYNAMIC EFFECTS

Pan Movement Angle	540° normal (650° extanded) in 16 Bit Resolution
Tilt Movement Angle	230° in 16 Bit Resolution
Pan/Tilt Movement Speed	Super Fast
Color mixing	RGB, RGBL, x;y
Color wheel	virtual Color wheel with 64 LEE referenced colors, rainbow
CTC	2,500 – 10,000 K
CQC (Color Quality Control)	High Output (HO) High Quality (HQ) Desaturation
Magenta/Green-Shift	yes
Pattern engine	50 dynamic Pattern Sequences, Step- / Speed- / Fade- / Transition Control
Dimmer	0 – 100 %, 16 bit
Shutter	Strobe, Pulse, Sparkel, etc.
Zoom	see section „Optical System"
Zoom Speed	super fast zoom mechanics
Position correction system	yes
Tungsten Simulation	8x linked to fix CCT 8x relative to Colormix
Color Mix Priority	different Layer Priority settings

CONTROL AND PROGRAMMING

DMX channels	M1: CH24 / M2: CH35 / M3: CH41 M4: CH89 / M5: CH71
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, GLP iQ.Mesh, NFC
Others	1 Scene Stand Alone, Art-Net/ sACN Node, Data Coversion, 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 V AC 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, 1.5mm², H05VV-F, 1.5 m
Max. Power	780 W @ 230 VAC 780 W @ 120 VAC

Technical Data* (2/2)

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 protection
Total heat dissipation (calculated, +/- 10 %)	2,650 BTU/h

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	IP 20
Construction Features	prepared for external accessories (Egg Crate, Tubus, electromechanical modules), baseless design

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