

GLP IMPRESSION X5 IP BAR



Key Facts

- fully weatherproof IP 65 housing with same pixel pitch between multiple fixtures
- super fast zoom for punchy 5° narrow curtain to 60° homogen wide wash
- highly efficient with up to 8,780 lm Output and high Color Rendering with CRI 90
- innovative GLP iQ.Mesh and iQ.Gamut technology

The GLP impression X5 IP Bar is an IP65 rated, linear LED batten with 18 powerful 40W RGBL LED's, a wide zoom range, and the new GLP iQ.Gamut color calibration algorithm that creates perfect white spectrums with excellent color rendering.

The new squared lens design ensures maximum lumen efficiency and gives an unprecedented curtain of light at its narrowest angle of just 5°, and delivering smooth and homogenous washes all the way out to its widest 60° wash.

As a part of the new GLP X5 family it offers a wide feature package, including selectable calibrated white points, a tungsten simulation channel, magenta / green correction, virtual color wheel and variable CTC, along with twin layer effects with plenty of dynamic pattern macros.

The impression X5 IP Bar offers our patented fast tilt movement in combination seamless pixel pitch across fixtures, and features wired and wireless control as standard.

The impression X5 IP Bar's enclosure is just as suitable for indoor use on the stage to protect against confetti, fog, pyro and dust.

Technical Data (1/2)

LIGHT SOURCE

Light Source Type	RGBL LED
Light Source Power	650 W
LED Count	18
Lifetime	50,000 h (L70)
LED refresh rate	2,200 Hz, 3,000 Hz (Default), 4,800 Hz, 9,600 Hz +/- 5 Step PWM offset
CCT	Default white point: 6,500 K Optional white point: 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

OPTICAL SYSTEM

Total Output	up to 8,780 lm
Max. Peak Luminous Intensity	498,000 cd
Min. Zoom	4.5° narrow for contrastful curtain effects
Max. Zoom	60° wide for homogen wash applications
Zoom Ratio	1:12
Zoom Speed	super fast zoom mechanics
Output Lens	18 square lenses, 48 x 48 mm
Risc Group	2

DYNAMIC EFFECTS

Tilt Movement Angle	195° in 16 Bit Resolution
Dimmer	0 – 100 %, 16 bit
Shutter	Strobe, Pulse, Sparke, etc.
Zoom	4.5° – 60°
Zoom speed	fast zoom
Color mixing	RGB, RAW, x;y
Color wheel	virtual Color wheel with 64 LEE referenced colors, rainbow, etc.
CTC	10,000 – 2,500 K
CQC (Color Quality Control)	High Output (HO) Low Quality (LQ) High Quality (HQ)
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

CONTROL AND PROGRAMMING

DMX channels	18, 31, 99, 64, 51
Control Modes	5
Control Protocols	DMX (USITT DMX512-A), RDM (ANSI/ESTA E1.20), sACN, Art-Net, GLP iQ.Mesh, GLP iQ.DMX, FPO Port: Lumen- radio CRMX included
High-Res Channels	Tilt, Intensity Global, Colormix
Dimming Curves	linear, soft, S-Curve
Performance Modes	fast, normal (balanced), smooth
Fan Modes	regulated, high, medium, low, off
Subfixture Mode	normal, independend
White Points	Default 6,500 K, changeable to: 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, Max +/- 5 Step PWM offset
Setting and addressing	Control panel with backlit graphic display, 4 Button Menu Navigation, DMX, RDM, GLP iQ.Mesh, NFC (Collect&Connect)
Others	1 Scene Stand Alone, Art-Net/ sACN Node, Data Conversion, GLP iQ.Mesh, Subfixture Splitt, FPO Port (Flexible Protocol Option), internal Webinterface, SW Fixture2Fixture Push
Firmware Update	DMX Link via DProg, GLP iQ.Mesh, internal Web inter- face, Fixture2Fixture Push

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out, Neutrik etherCON In/Out (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 4 @ 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
Max. Power (@ 230 V)	750 W

Technical Data (2/2)

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Thermal Protection	Automatic overtemperature protection
Temperature range (operating)	5 °C / 40 °F to 45 °C / 115 °F
Total heat dissipation (calculated, +/- 10%)	2,600 BTU/h

INSTALLATION

Mounting	Four pairs of 1/4-turn locks for two rigging/installation brackets, 2x safety cable attachment point
Orientation	Any
Location	indoor permanently outdoor temporary

CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flame-resistant thermoplastic, Aluminium, Steel Metal Plates
Protection Rating	IP65
Construction Features	Tilt-Lock-System, Alignment System, Handgaps for carrying, Threads for external accessory

DIMENSIONS & WEIGHT

Height (head straight up)	311 mm / 12.24 in
Height (head vertical)	263 mm / 10.4 in
Width (across yoke)	1,000 mm / 39.4 in
Depth (head straight up)	141 mm / 5.55 in
min. center-to-center distance	1,000 mm / 39.4 in
Weight (netto)	26 kg / 57.3 lbs
