HIGH LIGHTS 2025

FLEXIBILITY.
FAMILY. FUTURE.

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Photo: Ralph Larmann | Lighting design: WBD / Terry Cook

MOVING LIGHTS

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X5 SERIES

LIVE IN COLOUR

Fantastic colours and natural color rendering at its best

RGB, RGBL and x;y colormix control

Natural reproduction of skin and face tones

Proprietary GLP iQ.Gamut Technology

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IMPRESSION X5

HIGH EFFICIENCY OUTPUT WITHOUT COMPROMISE

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 86 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 16:1 range running from 3.5° to 63° 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.

Photo: Julian Huke | Lighting design: Tim Franken

IMPRESSION X5 – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBL LED
Power	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 | xy
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

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 Conversion | 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 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	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 permanent

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

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IMPRESSION X5 COMPACT

HIGH EFFICIENCY IN A COMPACT DESIGN

The impression X5 Compact uses 7 powerful 40 Watt RGBL LED's to give an incredible output with increased color gamut.

The iQ.Gamut calibration algorithm ensures the impression X5 Compact 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.

The super-fast zoom mechanics, offer a 1:17 range running from 3.6° to 66° with homogenous light distribution across its entire range.

A circular front face offers a fresh modern look, designed to include geometric patterns for great looking Pixel mapping effects.

The impression X5 Compact comes with an extensive feature package, including 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 Compact weighs just 7.5 kg / 16.6 lbs. Its design also allows static and electromechanical front accessories to be attached.

IMPRESSION X5 COMPACT – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBL LED
Power	40 W
Count	7
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	6,500 K: 90 | 3,200 K: 85
TLCI	6,500 K: 90 | 3,200 K: 75

OPTICAL SYSTEM

Output	up to 3,980 lm
Max. Peak Luminous Intensity	650 kcd
Min. Zoom	3.6°
Max. Zoom	66°
Zoom Ratio	1:17
Output Lenses	7 lenses with full circular aperature, diameter 1580 mm / 6.22 in

DYNAMIC EFFECTS

Color mixing	RGB | RGBL | xy
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	3.6° – 66°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

MOVEMENT

Pan	540° normal, 650° extended, 16 bit
Tilt	236°, 16 bit
Pan / Tilt Movement Speed	Super Fast Pan/Tilt Movement

CONTROL & PROGRAMMING

DMX Channels	M1: CH22 | M2: CH33 | M3: CH36 | M4: CH51 | M5: CH32 | M6: CH39
Control Modes	M1: Basic | M2: Normal | M3: Segment | M4: Multipix Advanced | M5: Multipix Compressed RGB | M6: Multipix Compressed RGBL
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | GLP iQ.Mesh
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
PWM	Low | Optimal | High 1 | High 2
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) | SW Fixture2Fixture Push
Firmware Update	DMX Link via DProg | GLP iQ.Mesh | 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 / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	350 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	5 °C – 45 °C / 40 °F – 115 °F
Thermal Protection	Automatic overtemperature protection
Total heat dissipation	1,200 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 permanent

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 | 6-way

DIMENSIONS & WEIGHT

Height Head vertical	337 mm / 13.27 in
Width across yoke	250 mm / 9.84 in
Depth	183 mm / 7.20 in
Weight netto	7.5 kg / 16.6 lbs

ARTICLE NUMBERS

X5 Compact	7794
Soft Diffuser 2°	798055

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IMPRESSION X5 IP

IMPRESSION X5 GOES OUTDOOR

The weatherproof impression X5 IP is an IP65-certified LED wash light featuring 19 x 40-watt RGBL LEDs and a light output of up to 11,400 lumens. The GLP iQ.Gamut color algorithm ensures precise color mixing and flexible color temperatures (2,500 K – 10,000 K). A motorized 1:17 zoom (3.6° – 63°) provides versatile application options, complemented by pixel mapping and dynamic effects.

The lightweight, compact design (< 21 kg) and control options such as DMX, RDM, ArtNet, sACN, and Lumenradio CRMX ensure ease of use. With its weather-resistant IP65-certified housing, the X5 IP is perfect for outdoor events, festivals, and touring.

The impression X5 IP delivers maximum flexibility and performance for creative lighting designers seeking uncompromising results in any environment.

IMPRESSION X5 IP – TECHNICAL DATA*

to product page

LIGHT SOURCE

Type	RGBL LED
Power	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
TM-30-15 Rf/Rg	6,500 K: 87 / 105 3,200 K: 85 / 110

OPTICAL SYSTEM

Output	up to 11,400 lm
Max. Peak Luminous Intensity	1.8 Mcd
Min. Zoom	3.6°
Max. Zoom	63°
Zoom Ratio	1:17
Output Lenses	19 lenses with full circular aperature, diameter 278 mm / 10.9 in

DYNAMIC EFFECTS

Color mixing	RGB | RGBL | xy
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
Zoom	3.6° – 63°
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

MOVEMENT

Pan	540° normal, 16 bit
Tilt	16 bit

CONTROL & PROGRAMMING

DMX Channels	M1: CH24 | M2: CH35 | M3: CH41 | M4: CH89 | M5: CH70 | M6: CH89
Control Modes	M1: Basic | M2: Normal | M3: Segment | M4: Multipix Advanced | M5: Multipix Compressed RGB | M6: Multipix Compressed RGBL
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 | Off
Subfixture Mode	Normal | Independent
White Points	8,000 K | 5,600 K | 4,200 K | 3,200 K
PWM	Low | Optimal | High 1 | High 2
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 | NFC | 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	-10 °C – 45 °C / 14 °F – 115 °F
Thermal Protection	automatic

INSTALLATION

Mounting	2 pair of 1/4-turn locks | Safety Cable attachment point | 2x M10 Screw Thread for direct mount of Rigging Clamp
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	prepared for external accessories | Tilt-Lock-System

SHIPPING

Single fixture	Cardboard
Tourpack	2-way

DIMENSIONS & WEIGHT

Height Head home Head vertical	 487 mm / 19.1 in 530 mm / 20.8 in
Width across yoke	377 mm / 14.8 in
Depth	324 mm / 12.7 in
Weight netto	21 kg / 46 lbs

ARTICLE NUMBERS

impression X5 IP	7793

* Preliminary Data. Subject to change.

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IMPRESSION X5 IP MAXX

PERFECT COLOR CONTROL IN ALL SITUATIONS

The GLP impression X5 IP Maxx delivers an extraordinary luminous flux of up to 21,000 lumens, with an expanded colour space, from 37 powerful 40-watt RGBL LEDs.

Equipped with the new iQ.Gamut colour algorithm, the impression X5 IP Maxx generates a clean white point with a CRI 86 / TLCI 88 at 6,500 Kelvin. It also offers the option of quickly switching to other fixed colour temperatures, all of which are precisely calibrated to the colour temperature curve, while still offering a colour quality of CRI 85 / TLCI 75 even with warm white light of 3,200 Kelvin.

With the 1:19 zoom mechanism, the impression X5 IP Maxx delivers up to 3.3 Mcd light intensity, a penetrating 3.3° parallel beam and up to 66° homogeneous wash light.

The impression X5 IP Maxx comes with an extensive feature and effects package, including a virtual colour wheel with access to 64 colours from the LEE filter palette, new colour quality control, magenta/green correction, a tungsten simulation and effects channel and a 2-layer effect option.

Thanks to the IP65 certification, the fixture can be used both indoors and outdoors in any weather. The compact design, with a weight of less than 30 kg, is designed for easily installation in standard pre-rig truss systems.

IMPRESSION X5 IP MAXX – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBL LED
Power	40 W
Count	37
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 21,000 lm
Max. Peak Luminous Intensity	3.33 Mcd
Min. Zoom	3.3°
Max. Zoom	66°
Zoom Ratio	1:19
Output Lenses	37 lenses with full circular aperature, diameter 380 mm / 14.9 in

DYNAMIC EFFECTS

Color mixing	RGB | RGBL | xy
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	3.3° – 66°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

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: CH22 | M2: CH33 | M3: CH42 | M4: CH141 | M5: CH122 | M6: CH159
Control Modes	M1: Basic | M2: Normal | M3: Segment | M4: Multipix Advanced | M5: Multipix Compressed RGB | M6: Multipix Compressed RGBL
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
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 | NFC | FPO Port (Flexible Protocol Option) | SW Fixture2Fixture Push
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)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	1,500 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	-10 °C – 45 °C / 14 °F – 115 °F
Thermal Protection	automatic
Total heat dissipation	5,120 BTU/hr

INSTALLATION

Mounting	2 pair of 1/4-turn locks | 2x Safety Cable attachment point | 2x M10 Screw Thread for direct mount of Rigging Clamp
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	prepared for external accessories (Egg Crate; Tubus, electromechanical modules, etc) | Tilt-Lock-System

SHIPPING

Single fixture	Cardboard
Tourpack	2-way

DIMENSIONS & WEIGHT

Height without Rubber feet with Rubber feet	631 mm / 24.8 in 640 mm / 25.2 in
Width across yoke	483 mm / 19 in
Depth	348 mm / 14.1 in
Weight netto	29.7 kg / 65.5 lbs

ARTICLE NUMBERS

impression X5 IP Maxx	7796

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IMPRESSION X5 BAR 1000

HIGH EFFICIENCY FOR IMPRESSIVE LIGHT CURTAINS

The GLP impression X5 Bar is a linear LED batten with 18 powerful 40 W 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 3.5°, 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 Bar offers our patented fast tilt movement in combination with seamless pixel pitch across fixtures, and features wired and as standard.

IMPRESSION X5 BAR – TECHNICAL DATA

to product page

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	3.5°
Max. Zoom	60°
Zoom Ratio	1:17
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 aperature

DYNAMIC EFFECTS

Color mixing	RGB | RGBL | xy
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° – 60°
Zoom Speed	super fast zoom mechanics
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

MOVEMENT

Tilt	205°, 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 (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 | Minimum
Subfixture Mode	Normal | Independent
White Points	8,000 K | 5,600 K | 4,200 K | 3,200 K
PWM	Low | Optimal | High 1 | High 2
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 | GLP iQ.Tool

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 / 40 °F – 115 °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

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic | Aluminum | Steel
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	294 mm / 11.58 in
Width across yoke	1,000 mm / 39.37 in
Depth	110 mm / 4.33 in
Weight netto	21 kg / 46.5 lbs

ARTICLE NUMBERS

impression X5 Bar 1000	7888
Beam Shaper 5°x30°	87183
Diffuser 30°	87185
Soft Diffuser 2°	87182

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IMPRESSION X5 IP BAR 1000

THE NEXT LEAP FORWARD FOR LINEAR LIGHTING

The GLP impression X5 IP Bar is an IP65 rated, linear LED batten with 18 powerful 40 W 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 4.5°, 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.

IMPRESSION X5 IP BAR – TECHNICAL DATA

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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 | xy
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

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

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WILDBAR 16

MAXIMUM PERFORMANCE

The GLP Wild Bar 16 is a powerful IP65-certified LED tilt bar, perfect for outdoor and event applications. Featuring 16x 40-watt RGBL LEDs, it delivers 6,000 lumens of light output. Its motorised 190° tilt and zoom range from 3.9° to 51° enable precise effects, from sharp beams to wide washes. Control is available via DMX, RDM, ArtNet, sACN, and GLP iQ.Mesh for maximum flexibility. Despite its robust build, it weighs only 22.6 kg. As part of the renowned GLP family, the Wild Bar 16 combines compactness, efficiency, and high performance for stunning lighting designs.

WILDBAR 16 – TECHNICAL DATA*

to product page

LIGHT SOURCE

Type	RGBL LED
Power	40 W
Count	16
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

OPTICAL SYSTEM

Output	up to 6,000 lm
Min. Zoom	tbc
Max. Zoom	tbc
Zoom Ratio	tbc
Front lenses	16 square lenses: 48 x 48 mm / 1.88 x 1.88 in

DYNAMIC EFFECTS

Color mixing	RGBL
Dimmer	0 – 100 %, 16 bit

MOVEMENT

Tilt	200°, 16 bit

CONTROL & PROGRAMMING

DMX Channels	27 | 78
Control Modes	Basic | Pixel
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN
High-Res Channels	Pan | Tilt
Dimming Curves	Linear | Soft | S-Curve
Performance Modes	Fast | Normal (Balanced) | Smooth
Fan Modes	Regulated | High | Medium | Low
PWM	Low | Optimal | High 1 | High 2
Setting and addressing	Backlit graphic LCD | 4 Button Menu | DMX | RDM
Others	1 Scene Stand Alone | Pattern-FX-Engine
Firmware Update	GLP iQ.Mesh

CONNECTIONS

Power connection	Seetronic True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out | Neutrik etherCON port (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	690 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	tbc

INSTALLATION

Mounting	4 pairs of 1/4-turn locks for two rigging/installation brackets | 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	Alignment System

DIMENSIONS & WEIGHT

Height	339 mm / 13.3 in
Width across yoke	1,000 mm / 39.37 in
Depth	196mm / 7.7 in
Weight netto	22 kg / 48.5 lbs

ARTICLE NUMBERS

WildBar 16	4900280

* Preliminary Data. Subject to change.

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CREOS

FLEXIBILITY IN CREATIVE DESIGN

The Creos redefines versatility and performance in LED washlights! Equipped with 18 x 40W RGBL LEDs arranged in three rows of 6 pixels each, it delivers breathtaking brilliance and precision. Its motorized 1:12 zoom creates a powerful 4.3° beam with up to 673 kcd and an impressive total output of 7,600 lm, while the motorized head offers seamless 190° tilt for added flexibility.

A standout feature is its clusterable design, ensuring a uniform and homogeneous pixel pitch across multiple devices. Easily link units together to construct massive LED bars and create stunning, dynamic light curtains for truly awe-inspiring displays. The IP65-certified housing guarantees reliable performance in any environment—be it indoor venues or outdoor events—offering full protection against rain, dust, dirt, fog fluid residue, and even confetti.

The GLP Creos is built for convenience and adaptability, featuring PowerCon True 1 In/Out, DMX 5pin In/Out, and two fail-safe EtherNet ports. The integration of GLP's robust iQ.Mesh system ensures unparalleled flexibility and ease of use, even in demanding setups. Compact at under 20 kg, the Creos is designed for effortless handling and everyday use.

With an exceptional price-performance ratio and fast ROI, the GLP Creos is the ultimate choice for professionals seeking powerful, reliable, and innovative lighting solutions.

CREOS – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBL LED
Power	40 W | total: 720 W
Count	18
Lifetime	20,000 h
TLCI	77
TM-30-15 Rf/Rg	104 / 80
LED Refresh Rate	Optimal | High 1 | High 2 | Max

OPTICAL SYSTEM

Output	up to 7,600 lm
Peak Luminous Intensity	673 kcd
Min. Zoom	4.3°
Max. Zoom	52°
Zoom Ratio	1:12

DYNAMIC EFFECTS

Dimmer / Shutter	16 bit
Dimmer curves	Linear | Square | S-curve
CTC	2,500 – 10,000 K
Color Mixing	RGB | RGBL | x,y

MOVEMENT

Tilt	190°, 16 bit | motorized

CONTROL & PROGRAMMING

DMX Channels	20 | 33 | 39 | 48 | 84 | 63 | 81
Control Modes	7
High-Res Channels	Dimmer | Tilt
Dimming curves	Linear | Soft | etc.
Performance Modes	Fast | Normal | Smooth
Fan Modes	Regulated | High | Medium | Low
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | GLP iQ.Mesh | LumenRadio CRMX
Setting and addressing	Control panel with backlit graphic display | 4 Button Menu Navigation | DMX | RDM
Others	1 Scene Stand Alone | 2 Layer Pattern-FX-Engine | 59 static und 50 dynamic patterns
Software Update	DMX Link via DProg | GLP iQ.Mesh via Service App | GLP iQ.Tool

CONNECTIONS

Power connection	REAN powerCON True1 In/Out
Signal connection	REAN XLR 5-Pin In/Out REAN etherCon In/Out (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	800 W

THERMAL SPECIFICATIONS

Cooling type	combined convection and forced air
Thermal Protection	automatic over-temperature protection
Max. ambient temperature	40 °C / 104 °F
Min. ambient temperature	-10 °C / 14 °F
Total heat dissipation	2,750 BTU/h

INSTALLATION

Mounting	2 pairs of 1/4-turn locks | 2x Safety Cable attachment point | option for direct clamp installation
Orientation	Any
Location	Outdoor temporary | Indoor permanently

CONSTRUCTION

Housing color	Black
Material	Aluminum
Protection Rating	IP 65
Construction Features	Tilt-Lock-System | integrated base handles

SHIPPING

Tourpack	4-way

DIMENSIONS & WEIGHT

Height	375 mm / 14.76 in
Width	388 mm / 15.27 in
Depth	218 mm / 8.58 in
Weight netto	20.3 kg / 44.75 lbs

ARTICLE NUMBERS

Creos	4900260

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THE FIRST 750 MM BEAM DIAMETER LED FIXTURE

The GLP MAD MAXX is the first LED-based fat-beam fixture with an impressive 750 mm beam diameter, comparable to 3 kW and 7 kW xenon beam lights. Designed for use as a sky beam or super-fat beam effect, it delivers massive light output with no visible external focus points. The CW version (ColorWheel) enables precise color adjustments with a 16-bit color wheel and CTO down to 2,500 K. Users can adjust the beam diameter as needed with a virtual iris.

The compact MAD MAXX requires only 2,500 W, is IP65-certified, making it weatherproof and low-maintenance. Classified as a "NO LASER" device, it minimizes health risks and regulatory requirements, making it ideal for flexible and safe deployments.

MAD MAXX – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	White Light LED
Power	90 W
Count	19
Lifetime	20,000 h
LED Refresh Rate	adjustable up to 25 kHz
CCT	6,500 K
CRI	Default: 70+ | with High CRI: 90

OPTICAL SYSTEM

Output	up to 68,000 lm
Beam angle	1.6°
Peak luminous intensity	4.7 Mcd
Output aperture diameter	750 mm / 295.3 in
Output Lenses	19 lenses with full circular aperature, diameter 750 mm / 295.3 in

DYNAMIC EFFECTS

Color Mixing	mechanical color wheel
Dimmer	0 – 100 %, electronic

MOVEMENT

Pan	540° normal, 650° extended, 16 bit
Tilt	200°, 16 bit

CONTROL & PROGRAMMING

DMX Channels	tbd
Control Modes	Basic | Pattern | Segments | MultiBeam
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | GLP iQ.Mesh | LumenRadio CRMX
High-Res Channels	Dimmer | Pan | Tilt | Color Wheel
Dimming Curves	Linear | Soft | S-Curve
Performance Modes	Fast | Normal (Balanced) | Smooth
Fan Modes	Regulated
Setting and addressing	backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM | GLP iQ.Mesh
Firmware Update	DMX Link via DProg | iQ.Tool | GLP iQ.Mesh

CONNECTIONS

Power connection	Neutrik powerCON True1 In
Signal connection	Neutrik XLR 5-Pin In/Out | Neutrik etherCON In/Out (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	180 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	2,500 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, Operating	-10 °C – 45 °C / 14 °F – 115 °F
Thermal Protection	automatic
Total heat dissipation	8,500 BTU/hr

INSTALLATION

Mounting	Safety Cable attachment point | Mounting/Rigging Baseplate
Orientation	ground standing | vertical hanging
Location	Indoor permanent, outdoor temporary

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic | Aluminum | Steel
Protection Rating	IP 65
Construction Features	Base with sufficiently stable standing surface | Tilt Lock | Base Handles | 4 crane eyelets at Yoke | Mechanic Sun Protection | Rigging Plate | GLP FX.Port

SHIPPING

Tourpack	1-way | Flightcase | Rigging Bracket

DIMENSIONS & WEIGHT

Height	1,248 mm / 491.3 in
Width	1,043 mm / 410.6 in
Depth	789 mm / 310.6 in
Weight netto	195 kg / 430 lbs

ARTICLE NUMBERS

Mad Maxx	7992

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S500
PROFILE HC
&
S500
PROFILE HO

PRECISE COLOR RENDERING AND VERSATILE FEATURES

With the impression S500 Series, GLP elevates the renowned 350 W moving head impression S350 to 500W LED power, delivering 30% to 65% more output. In addition, the optics, software, and all connections and controls have been updated.

The compact construction with the identical form factor and GLP's signature baseless design allows for seamless integration of the fixture into a wide range of applications.

The impression S500 Profile series is available in the following versions:

The Profile HC version features a white LED engine delivering 26,000 lumens at a native 6,000 K. It produces a highly balanced light spectrum for outstanding color rendering (CRI and TLCI above 90). This high light quality ensures natural and realistic skin tones and provides a total luminous flux of 10,700 lumens.

In contrast, the Profile HO version includes a white LED engine delivering 40,000 lumens at a native 7,000 K. The highly efficient light source of the impression S500 Profile HO generates more power for dynamic projections and mid-air effects, with a total luminous flux of 14,800 lumens.

IMPRESSION S500 PROFILE – TECHNICAL DATA

to product page

LIGHT SOURCE

Type S500 Profile HC S500 Profile HO	White Light LED Engine High CR Spectrum High Output Spectrum
Power	500 W
Count	1
Lifetime	20,000 h
CCT S500 Profile HC S500 Profile HO	 6,000 K 7,000 K
CRI S500 Profile HC S500 Profile HO	 90+ 70
TLCI S500 Profile HC	90+

OPTICAL SYSTEM

Output S500 Profile HC S500 Profile HO	 up to 10,700 lm up to 14,800 lm
Min. Zoom	7.5°
Max. Zoom	40°
Zoom ratio	1:6
Output Lens Diameter	140 mm

DYNAMIC EFFECTS

Color mixing	CMY, 8 bit, 0 – 100 %
Color wheel	10 colors + open | 7 fix colors | 4 spectral filters
CTC	2,500 – 8,000 K using CMY System
Zoom Resolution	8 bit
Focus	16 bit, with focus tracking option
Dimmer / Shutter	100 % electronic, 16 bit
Animation wheel	Rotating Wave Pattern
Frost	2-way (soft, medium)
Prism	8-way, rotating
Gobo wheel	7 Gobos, rotating + open
Gobo wheel 2	10 Gobos, fixed + open
Framing	4 separately movable shutters, +/-30° positionable, 100% positionable into the beam | +/- 45° rotatable module

MOVEMENT

Pan	540°, 16 bit | extended 565°
Tilt	256°, 16 bit

CONTROL & PROGRAMMING

Control Modes	1
DMX Channels	35
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | LumenRadio CRMX
High-Res Channels	Dimmer | Tilt | Pan | Focus
Dimming Curves	Linear | Soft | S-Curve
Performance Modes	Fast | Normal (Balanced) | Smooth
Fan Modes	Regulated | High | Medium | Low
No signal	Blackout | Hold | Scene
PWM	Optimal | High 1 | High 2 | Max
Setting and addressing	backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	Neutrik XLR 5-Pin In/Out | 2x Neutrik etherCON port (failsafe)

ELECTRICAL SPECIFICATIONS

Power supply unit	Auto-ranging electronic switch mode
Max. Power	750 W

THERMAL SPECIFICATIONS

Max. ambient temperature	5 °C – 41 °C / 45 °F – 115 °F
Thermal Protection	Overheating protection
Total heat dissipation	2,600 BTU/hr

INSTALLATION

Orientation	Any
Location	dry location only

CONSTRUCTION

Housing material	High-impact flame-resistant thermoplastic | Aluminum | Steel
Protection Rating	IP20
Construction Features	baseless design | Tilt-Lock-System | Multicolor display

SHIPPING

Single fixture	Cartboard
Tourpack	2-way | Flightcase
inclusive	Omega Brackets with handle

DIMENSIONS & WEIGHT

Height without tripod with tripod	 651 mm / 25.6 in 676 mm / 26.6 in
Width	472 mm / 18.5 in
Depth	230 mm / 9 in
Weight netto	26.9 kg / 57.4 lbs

ARTICLE NUMBERS

S500 Profile HC	7950
S500 Profile HO	7955

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S500
WASH HC

MORE OUTPUT AT WELL LOVED LIGHT QUALITY

With the impression S500 Series , GLP boosts the performance of the proven S350 moving light with 30 % more output. Optics, software, and connections have been updated to the latest standards, while the compact Baseless design and comprehensive feature set have been retained.

The S500 Wash HC delivers high light quality (CRI and TLCI over 90), natural color rendering, and homogeneous illumination, making it ideal for TV studios. The 500 W white light LED provides 13,100 lumens with excellent color accuracy, complemented by a 185 mm fresnel lens and a zoom range of 6.9° to 40°.

Features such as CMY color mixing, CTC system, color wheel, motorized iris, and a precise framing system make the S500 an extremely versatile and powerful moving light. With a weight of 26.6 kg and quiet operation, it is perfect for noise-sensitive applications.

IMPRESSION S500 WASH – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	White Light LED Engine High CR Spectrum
Power	500 W
Count	1
Lifetime	20,000 h
CCT	6,000 K
CRI	90+
TLCI	90+
TM-30-15 Rf/Rg	100 / 92

OPTICAL SYSTEM

Output	up to 13,100 lm
Min. Zoom	7°
Max. Zoom	65°
Zoom ratio	1:6
Output Lens Diameter	185 mm / 7.3 in

DYNAMIC EFFECTS

Color mixing	CMY, 8 bit, 0 – 100 %
Color wheel	10 colors + open | 7 fix colors | 4 spectral filters
CTC	2,500 – 8,000 K using CMY System
Zoom Resolution	8 bit
Focus	16 bit, with focus tracking option
Dimmer / Shutter	100 % electronic, 16 bit
Framing	4 separately movable shutters, +/-30° positionable, 100% positionable into the beam | +/- 45° rotatable module

MOVEMENT

Pan	540°, 16 bit | extended 565°
Tilt	256°, 16 bit

Control & Programming	
Control Modes	27
DMX Channels	1
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | GLP iQ.Mesh | FVP Port
High-Res Channels	Dimmer | Tilt | Pan
Dimming Curves	Linear | Soft | S-Curve
Performance Modes	Fast | Normal (Balanced) | Smooth
Fan Modes	Regulated | High | Medium | Low | Minimum
No signal	Blackout | Hold | Scene
PWM	Optimal | High 1 | High 2 | Max
Setting and addressing	backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM | Stand Alone Scene | iQ.Mesh
Software Update	DMX Link via Dprog | GLP iQ.Mesh via Service App | GLP iQ.Tool

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out | 2x Neutrik etherCON port (failsafe)

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

Temperature Range, operating	5 °C – 45 °C / 40 °F – 115 °F
Thermal Protection	Automatic overtemperature protection
Total heat dissipation	2,100 BTU/hr

INSTALLATION

Mounting	4 pair of 1/4-turn locks | 2x Safety Cable attachment point
Orientation	Any | horizontal sideway | vertical hanging
Location	dry location only

CONSTRUCTION

Housing material	High-impact flame-resistant thermoplastic | Aluminum | Steel
Protection Rating	IP20
Construction Features	baseless design | Tilt-Lock-System | Multicolor display

SHIPPING

Single fixture	Cartboard

DIMENSIONS & WEIGHT

Height Head vertical	652 mm / 25.6 in
Width	472 mm / 18.5 in
Depth	230 mm / 9 in
Weight netto	26.6 kg / 58.6 lbs

ARTICLE NUMBERS

S500 Wash HC	7960

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impression FR1

HIGH LIGHT-OUTPUT IN A COMPACT BASELESS DESIGN

The GLP impression FR1 brings a powerful new level of versatility and quality with one of the most compact automated lighting packages available today.

Using a single, high powered 60 Watt homogenized RGBW LED at its core, the impression FR1 features color mixing across a vast spectrum, whilst at the same time can project a crisp, punchy white light, with a full range of color temperature control.

Optical quality is at the forefront with the impression FR1 as it provides a clean, homogenized output at all angles, always giving a clean beam from center to its extreme edge. This consistency and attention to detail allows the impression FR1 to be used in a large range of applications where compromise is not an option.

A super-fast 3.7 to 35 degree zoom range gives full beam control over both short and longer throw distances, and because of its power, the FR1 can project over a long throw.

With quality comes accuracy, and in this area the impression FR1 features 16 bit dimming and 16 bit position control through a range of 540 degrees of pan and 220 degrees of tilt. But with an added kick, the FR1 also has the ability of bi-directional continuous pan rotation at varying speeds from slow and gentle to extremely fast, for when a little something extra is needed.

A variety of dimmer curve options, along with a full PWM range and other settings are available from the on board menu with critical functions also available to control via the DMX signal.

The GLP trademark baseless design features on the impression FR1, and offers power in and thru connectors for ease of setting up multiple units. The base also features rubber feet for floor mounting, threaded sockets for coupler attachments and in built safety wire points.

IMPRESSON FR1 – TECHNICAL DATA

to product page impression FR1
to product page impression FR1 TM

LIGHT SOURCE

Type	RGBW LED
Power	60 W
Lifetime	50,000 h
CRI	80
TLCI	80
TM-30-15 Rf/Rg	77 / 106

OPTICAL SYSTEM

Min. Zoom	3.7°
Max. Zoom	35°
Zoom Ratio	1:10

DYNAMIC EFFECTS

Color mixing	RGBW
CTC	2,500 – 10,000 K, electronic
Dimmer	0 – 100 %, electronic
Shutter	Max. 25 Hz, electronic
Internal Effects	Color Presets

MOVEMENT

Pan	629°, 8 – 16 bit
Tilt	210°, 8 – 16 bit
Continuous movement	360° Pan

CONTROL & PROGRAMMING

Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)| LumenRadio CRMX
Setting and addressing	Backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM

CONNECTIONS FR1 VERSION

Power connection	Neutrik powerCON
Signal connection	Neutrik XLR 5-Pin

FR1 TM VERSION

Power connection	EUTRAC 3-phase tracks
Signal connection	LumenRadio CRMX | DMX

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	85 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled
Max. ambient temperature	45 °C / 115 °F
Thermal Protection	Overheating protection

INSTALLATION

Mounting	M10 socket for half coupler or other clamp | 2x Safety Cable attachment point | Rubber feet
Orientation	Any

CONSTRUCTION

Housing color	Black | White (optional)

SHIPPING

Single fixture	Cardboard
Tourpack	6-way | 12-way

DIMENSIONS & WEIGHT

Height Head vertical	264 mm / 10.39 in
Widht	190 mm / 7.48 in
Depth	140 mm / 5.51 in
Weight netto	4 kg / 8.81 lbs

ARTICLE NUMBERS IMPRESSION FR1

Black housing	7686
White housing	7684

IMPRESSION FR1 TM

Black housing	7687
White housing	7688

IMPRESSION FR1 TM DOP

Black housing	7691
White housing	7692

impression FR1 TM

Fits any EUTRAC and compatible 3-phase tracks

Wireless data via LumenRadio CRMX DMX or DoP

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impression X4

THE LEGENDARY BASELESS MOVING HEAD

The impression X4 features 19 high power RGBW LEDs, each rated at 15 Watts with a 7 to 50 degrees zoom range. The housing design is based on the legendary, award winning, impression 90 and 120 RZ fixtures including their baseless design and small footprint.

The brand new optical system gives a well-defined beam, complete with hard edge in the lower zoom range whilst remaining absolutely homogeneous and soft edged at wider angles.

RGBW color mixing, variable CTO and finely tuned dimming curves are standard in the impression X4.

The impression X4 features individually controllable LEDs, allowing a range of different patterns to be created and displayed on the front lenses, including arrows, numbers, letters and much more, either from stock patterns or through user created patterns.

IMPRESSION X4 – TECHNICAL DATA

LIGHT SOURCE

Type	
Standard Version	RGBW LED
TH Version	RGBY LED
Power	15 W
Count	19
Lifetime	50.000 h

OPTICAL SYSTEM

Min. Zoom	7°
Max. Zoom	50°

DYNAMIC EFFECTS

Color mixing	
Standard Version	RGBW
TH Version	RGBY
CTC	2,500 – 10,000 K, electronic
Dimmer	0 – 100 %, electronic
Shutter	Max. 25 Hz, electronic
Internal Effects	LED Macro Effects | Color Presets

MOVEMENT

Pan	623°, 8 – 16 bit
Tilt	295°, 8 – 16 bit

Control & Programming	
Control Modes	Normal | Compressed | HighRes
Protocols	DMX (USITT DMX512-A)
Setting and addressing	Backlit graphic LCD

CONNECTIONS

Power connection	Neutrik powerCON
Signal connection	Neutrik XLR 5-Pin

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	350 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled
Max. ambient temperature	45 °C / 115 °F
Thermal Protection	Overheating protection

INSTALLATION

Mounting	M10 socket for half coupler or other clamp | 2x Safety Cable attachment point | removable baseplate with brackets for ratchet belt | Omega-Bracket attachment (optional) | adjustable rail for sideways truss installation (optional)
Orientation	Any

CONSTRUCTION

Housing color	Black | White (optional) | special colors on request

SHIPPING

Single fixture	Cardboard
Tourpack	4-way | 6-way | Flightcase

DIMENSIONS & WEIGHT

Height Head vertical	285 mm / 11.22 in
Widht	340 mm / 13.4 in
Depth	242 mm / 9.52 in
Weight netto	7.5 kg / 16.5 lbs

to product page

IMPRESSION X4 SERIES

BUILT TO ORDER

ARTICLE NUMBERS

impression X4	7602
impression X4 S	7612
impression X4 L	7640
impression X4 XL	7650

impression X4 S
LED Count: 7

impression X4 L
LED Count: 37

impression X4 XL
LED Count: 55

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impression X4 BAR

SEAMLESSLY EXTENDABLE LED-BAR

The GLP X4 Bar 10 and X4 Bar 20 are high performance battens offering flexibility to today's lighting designer across multiple applications.

High output RGBW LEDs are packed tightly into a package that gives a full batten of light, with 20 LEDs used in the 1 meter long X4 Bar 20 and 10 LEDs used in the shorter 50 cm X4 Bar 10. High quality optics ensure a smooth, homogenized output across the batten through a broad pallet of pastel and saturated colors. This is supported by GLP's exceptional dimming quality which ensures that there is no color shift when fading, just smooth even output.

DMX control offers full pixel mapping capabilities, controlling every color in each LED and allowing a multitude of dynamic fades and chases through intensities and colors.

The X4 Bar 10 and Bar 20 both feature a fast 7:1 zoom ratio ranging from 7 to 50 degrees, giving broad cyc and wall washes down to a tight light curtain. The X4 Bar also features a motorized tilt, for fast refocusing or to be used to add more dynamics.

The GLP X4 Bar has been specifically designed to give consistent pixel spacing between adjacent units. An important visual aspect whether in audience view, or not.

The X4 Bar is fitted with PowerCON in and thru connectors for easy daisy chaining, rubber feet for floor mounting and ¼ turn omega attachments points for rigging flexibility.

 Photo: Paul Gärtner | Lighting design: Bertil Mark

IMPRESSION X4 BAR – TECHNICAL DATA

to product page X4 Bar 10
to product page X4 Bar 20

LIGHT SOURCE

Type	
Standard Version	RGBW LED
TH Version	RGBY LED
Power	15 W
Count	
X4 Bar 10	10
X4 Bar 20	20
Lifetime	50,000 h

OPTICAL SYSTEM

Min. Zoom	7°
Max. Zoom	50°

DYNAMIC EFFECTS

Color mixing	
Standard Version	RGBW
TH Version	RGBY
CTC	2,500 – 10,000 K, electronic
Dimmer	0 – 100 %, electronic
Shutter	Max. 10 Hz, electronic
Internal Effects	LED Macro Effects | Color Presets

MOVEMENT

Tilt	210°, 8 – 16 bit

Control & Programming	
Control Modes	Compressed | HighRes | Pixel-Mapping
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
Setting & addressing	Backlit graphic LCD | self charging buffer battery

CONNECTIONS

Power connection	Neutrik powerCON In/Out
Signal connection	Neutrik XLR 5-Pin

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	
X4 Bar 10	230 W
X4 Bar 20	400 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled
Max. ambient temperature	45 °C / 115 °F
Thermal Protection	Overheating protection

INSTALLATION

Mounting	Omega-Bracket | Rubberfeet | eyelets for safety cable
Orientation	Any

CONSTRUCTION

Housing color	Black | special colors on request

SHIPPING

Single fixture	Cardboard
Tourpack	
X4 Bar 10	4-way | Flightcase
X4 Bar 20	8-way | Flightcase
inclusive	Omega-Brackets | asymmetrical filter

DIMENSIONS & WEIGHT IMPRESSION X4 BAR 10

Height Head vertical	240 mm / 9.4 in
Width	500 mm / 19.6 in
Depth	100 mm / 3.9 in
Weight netto	8 kg / 17.63 lbs

IMPRESSION X4 BAR 20

Height Head vertical	240 mm / 9.4 in
Width	1,000 mm / 39.4 in
Depth	100 mm / 3.9 in
Weight netto	16 kg / 35.27 lbs

ARTICLE NUMBERS

X4 Bar 10	
Standard	7660
TH Version	7660TH
X4 Bar 20	
Standard	7665
TH Version	7665TH
Asymmetric Filter 3°/30°	
X4 Bar 10	87091 (inclusive)
X4 Bar 20	87092 (inclusive)
Symmetric Filter 2°	
X4 Bar 10	87094
X4 Bar 20	87095
Docc Light Frame	81040

Docc Light Frame X4 Bar:
2x impression X4 Bar 10
or
1x impression X4 Bar 10 (top)
1x impression X4 Bar 20 (bottom)

impression X4 Bar 20

impression X4 Bar 10

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impression FR10 BAR

THE BAR JUST GOT BIGGER

Following on from the ground-breaking X4 Bar series, comes the impression FR10 Bar, a linear format fixture that offers unrivalled output and creative control, whilst blending seamlessly in with the existing X4 Bar series.

With a new optical system, the impression FR10 Bar uses a larger size output aperture, as used in the impression FR1.

The FR10 Bar has a 9:1 ratio zoom range of 3.7 to 34 degrees, but what separates it from any other product on the market is the ability to control each of the zoom lenses individually and independently. This functionality brings a whole new level of creativity, design possibility and flexibility to the concept of linear lighting.

At its' narrowest angles, the FR10 Bar produces clean, seamless flat sheets of light that are incredibly dramatic and piercingly beautiful, along with arrays of pin point beams of light. At wider angles, the impression FR10 Bar can wash areas and surfaces of stages, walls, cycloramas, and much more.

Utilizing the same physical construction as the industry standard X4 Bar 20, the impression FR10 Bar fits seamlessly with existing units in the market and uses the same rigging and interlocking systems for simplicity and future-proofing of creative design. This also means consistent pixel spacing between fixtures when using multiple FR10 Bar together.

Power and data connectors are contained within the base of each unit for simple daisy chaining of multiple units.

The impression FR10 Bar is a complete new step forward in the development of automated linear lighting, yet allows perfect backwards compatibility, giving designers more flexibility than ever before.

IMPRESSION FR10 BAR – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBW LED
Power	60 W
Count	10
Lifetime	50,000 h
LED Refresh Rate	2,200 Hz | 3,000 Hz | 4,800 Hz | 9,600 Hz | 25 kHz
CRI	80+
CQS	80+
TLCI	80+
TM-30-15 Rf/Rg	77 / 106

OPTICAL SYSTEM

Output	5,800 lm
Min. Zoom	3.7°
Max. Zoom	34°
Zoom Ratio	1:9

DYNAMIC EFFECTS

Color mixing	RGBW, variable 0 – 100 %
CTC	2,500 – 10,000 K, variable
Color wheel	virtual, 15 LEE colors | rotation | random
Color Mix Priority	different Layer Priority settings
Zoom	10x independently variable 0 – 100 %
Dimmer / Shutter	0 – 100 % continuous, 16 bit electronic | regular and random strobe and pulse effects | instant open and blackout | Random Pixel Strobe

MOVEMENT

Tilt	200°

CONTROL & PROGRAMMING

DMX Channels	25 | 51 | 57 | 79
Control Modes	4
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
High-Res Channels	Dimming | Tilt
Dimming Curves	Linear | Soft
Performance Modes	Fast | Normal (Balanced) | Smooth
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	Backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM
Others	1 Scene Stand Alone | 3 Layer Pattern-FX-Engine
Firmware Update	DMX Link via Dprog

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch mode
Max. Power	800 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Max. ambient temperature	45 °C / 115 °F

INSTALLATION

Mounting	1 pair of 1/4-turn locks | Safety Cable attachment point
Orientation	Any
Location	Indoor permanent

CONSTRUCTION

Housing color	Black
Material	Aluminum | Steel
Protection Rating	IP 20
Construction Features	Tilt-Lock-System | baseless design | changeable front-screen

SHIPPING

Single fixture	Cardboard
Tourpack	2-way | Flightcase
inclusive	Omega-Brackets

DIMENSIONS & WEIGHT

Height Head vertical	254 mm / 13.3 in 339 mm / 10 in
Width across yoke	1,000 mm / 39.4 in
Depth Head home Head 90°	196 mm / 7.7 in
Weight netto	24 kg / 53 lbs

ARTICLE NUMBERS

FR10 Bar	7683

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impression S350

PERFECT WHITE

The impression S350 is a LED Moving Head Profiler, with a uniquely designed full spectrum light source, which makes primary color more intense, pastel colors more natural, and colored objects and skintones more lively.

A comfortable optic zoom from 8 to 42 degrees provides an even and flat field with a considerable light output of up to 8,900 Lumen, with less than a 15% drop in output within the zoom range.

The compact fixture houses an 8-facet-prism, a light and heavy frost, a tiltable animation wheel and a fast fully closable framing system.

The impression S350 features GLP's unique baseless design with full 16bit pan and tilt movement, full range dimming, and shuttering capability. With a low weight of just 56 pounds, the impression S350 also features an in-built battery for fixture setup, an auto sensing power supply and the option to have wireless DMX control.

IMPRESSION S350 – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	White Light LED Engine
Power	350 W
Count	1
Lifetime	20,000 h
CCT	6,000 K
CRI	90+
TLCI	90+
TM-30-15 Rf/Rg	95+ / 85+
Luminous flux	8,900 lm

OPTICAL SYSTEM

Min. Zoom	8°
Max. Zoom	42°
Focus	2 m – infinite

DYNAMIC EFFECTS

Color mixing	CMY
CTC	2,500 – 8,000 K, variable
Color wheel	6 color + open | 4 CTC filters
Dimmer	0 – 100 %, electronic | two dimming curves
Shutter	Max. 10 Hz, electronic
Animation wheel	rotating and indexable
Frost	2-way (soft, medium)
Prism	8-way
Gobo wheel	7 Gobos, interchangeable, rotating and indexable
Gobo wheel 2	10 Gobos, fixed
Internal effects	LED macro effects
Framing	4 separately movable shutters, +/-30° positionable, 100% positionable into the beam | +/- 45° rotatable module

MOVEMENT

Pan	565°, 16 bit
Tilt	256°, 16 bit

CONTROL & PROGRAMMING

Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | LumenRadio CRMX
Setting and addressing	backlit graphic LCD | intuitive touch wheel control | self charging buffer battery

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	Neutrik XLR 3-Pin In | Neutrik XLR 5-Pin | Neutrik etherCON in

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	550 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled
Max. ambient temperature	45 °C / 115 °F
Thermal Protection	Overheating protection

INSTALLATION

Mounting	2 eyelets for safety cable | 4x Camlock and 2x M10 threads | Omega Bracket | removable baseplate with brackets for ratchet belt
Orientation	Any

CONSTRUCTION

Housing color	Black | Special colors on request
Protection Rating	IP20
Construction Features	baseless design | Tilt-Lock-System | modular slide system | service friendly light source change

SHIPPING

Single fixture	Karton
Tourpack	2-way | Flightcase
inclusive	Omega Brackets with handle

DIMENSIONS & WEIGHT

Height Head vertical	642 mm / 25.3 in
Widht	471 mm / 18.5 in
Depth	474 mm / 18.8 in
Weight netto	25.5 kg / 56 lbs

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impression&
S350 WASH

FRESNEL LED WASH WITH PREMIUM COLOR

The impression S350 Wash from GLP brings a new level of control and functionality to the mid-range LED wash light market. At its core, the impression S350 Wash utilizes GLP's white light LED engine, also used in its spot counterpart, the S350, and features a CRI of more than 90, with TM-30 and CQS measurements of 95+ for superior color rendering at its native 6,000 Kelvin color temperature.

The S350 Wash uses a Fresnel based optical system with zoom optics that give a range from 6 to 45 degrees for the broadest range of flexibility. At any angle within the zoom range, users have access to a full 4 blade curtain framing system, where each framing blade can cross the entire beam independently for a full blackout. Combined together, any combination of the blades – including the ability to rotate the entire assembly through 90 degrees – allows you to focus the output onto precise and accurate areas of the performance area, with complete accuracy when returning time after time. For further beam control, a high speed iris is also included for additional options and effects.

The color engine of the S350 Wash is the same as its spot partner, allowing full color matching and variable color temperature control for seamless blending. A wide pallet of colors is achieved through a dichroic CMY system that is then supported by a fixed color wheel containing 10 slots, plus its open position. This is then complemented with a variable color temperature control system that allows a full range from 2,500 to 8,000 Kelvin to be achieved on either, or both, of the color systems.

IMPRESSION S350 WASH – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	White Light LED Engine
Power	350 W
Count	1
Lifetime	20,000 h
LED Refresh Rate	2,200 Hz | 3,000 Hz | 4,800 Hz | 9,600 Hz | 25 kHz
CCT	6,000 K
CRI	90+
CQS	85+
TLCI	85+
TM-30-15 Rf/Rg	85+ / 95+

OPTICAL SYSTEM

Total Output	7,300 – 10,300 lm
Min. Zoom	6°
Max. Zoom	45°
Focus	2 m – infinite | motorized

DYNAMIC EFFECTS

Color mixing	CMY
CTC	2,500 – 8,000 K
Color wheel	10 dichroic filters + open | Split Color | continuous rotation, indexing
Dimmer	0 – 100 %, electronic
Shutter	Strobe-Effekte
Iris	0 – 100 %, variable
Framing	4 separately movable shutters, +/-30° positionable, 100% positionable into the beam

MOVEMENT

Pan	565°, 16 bit
Tilt	256°, 16 bit

CONTROL & PROGRAMMING

DMX Channels	27
Control Modes	1
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | LumenRadio CRMX
Setting and addressing	backlit graphic LCD | Jog Dial Navigation | DMX | RDM
Dimming curves	Linear | Soft
Fan Modes	Regulated | High | Medium | Low
Focus Tracking	Off | Near | Medium | Far

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	Neutrik XLR 3-Pin In | Neutrik XLR 5-Pin | Neutrik etherCON In

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Fuse	T15A 250V 6x32mm

THERMAL SPECIFICATIONS

Cooling Type	Combined convection and forced air
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	5 °C / 40 °F

INSTALLATION

Mounting	2 eyelets for safety cable | 4x Camlock and 2x M10 threads | Omega Bracket | removable baseplate with brackets for ratchet belt
Orientation	Any
Min. distance to illuminated surfaces	2 m / 6.6 ft

CONSTRUCTION

Housing color	Black | Special colors on request
Protection Rating	IP20
Construction Features	baseless design | Tilt-Lock-System | modular slide system | service friendly light source change

SHIPPING

Single fixture	Karton
Tourpack	2-way | Flightcase
inclusive	Omega Brackets with handle

DIMENSIONS & WEIGHT

Height Head vertical	642 mm / 25.3 in
Widht	471 mm / 18.5 in
Depth	474 mm / 18.8 in
Weight netto	25.5 kg / 56 lbs

ARTICLE NUMBERS

S350 Wash	7930

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impression E 350

PERFECTLY BRIGHT

Following our signature baseless design, the impression E350 features a higher color temperature of 7,500 Kelvin, giving stunningly bright projections. With its 30% brighter LED engine and very narrow iris, the fixture fits for a variety of applications and it is able to create sharp midair effects and bright gobo projections.

The optic offers a 1:5 zoom (8 to 42 degrees) and has a very even field with a remarkable light output of up to 12,200 Lumen.

The color mixing is done using CMY filters, which are specially calculated for the LED spectrum and provide a color mixture from pastel shades to deep saturated colors. If required, GLP's new CTC function provides continuous color temperature adjustment from 2,500 to 8,000 Kelvin.

The impression E350 also houses an 8x prism, a 2x frost, a tiltable animation wheel, two gobo wheels, a super tight 14-blade iris, and a 10-color color wheel. Of course, all functions can be used in combination with each other and make the GLP impression E350 the perfect tool for almost any application.

With a weight of only 56 pounds, the impression E350 is one of the real lightweights. The universal power supply, the integrated battery are as self-evident as the optional lumen radio CRMX adapter for wireless DMX.

IMPRESSION E350 – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	White Light LED Engine
Power	350 W
Count	1
Lifetime	20,000 h
CCT	6,000 K
CRI	90+
TLCI	90+
CQS	70+
Luminous flux	12,200 lm

OPTICAL SYSTEM

Min. Zoom	8°
Max. Zoom	42°
Focus	2 m – infinite, motorized

DYNAMIC EFFECTS

Color mixing	CMY
CTC	2,500 – 8,000 K, variable
Color wheel	6 color + open | 4 CTC filters
Dimmer	0 – 100 %, electronic | two dimming curves
Shutter	Max. 10 Hz, electronic
Animation wheel	rotating and indexable, 90° tiltable
Frost	2-way (soft, medium)
Prism	8-way, slow to fast rotation
Gobo wheel	7 Gobos, interchangeable, rotating and indexable
Gobo wheel 2	10 Gobos, fixed
Iris	4 – 100%
Internal effects	LED macro effects

MOVEMENT

Pan	565°, 16 bit
Tilt	256°, 16 bit

CONTROL & PROGRAMMING

Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | LumenRadio CRMX
Setting and addressing	backlit graphic LCD | intuitive touch wheel control | self charging buffer battery

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	Neutrik XLR 3-Pin In | Neutrik XLR 5-Pin | Neutrik etherCON in

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	550 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled
Max. ambient temperature	45 °C / 115 °F
Thermal Protection	Overheating protection

INSTALLATION

Mounting	2 eyelets for safety cable | 4x Camlock and 2x M10 threads | Omega Bracket | removable baseplate with brackets for ratchet belt
Orientation	Any

CONSTRUCTION

Housing color	Black | Special colors on request
Protection Rating	IP20
Construction Features	baseless design | Tilt-Lock-System | modular slide system | service friendly light source change

SHIPPING

Single fixture	Karton
Tourpack	2-way | Flightcase
inclusive	Omega Brackets with handle

DIMENSIONS & WEIGHT

Height Head vertical	642 mm / 25.3 in
Widht	471 mm / 18.5 in
Depth	474 mm / 18.8 in
Weight netto	25.5 kg / 56 lbs

ARTICLE NUMBERS

impression E350	7920

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HIGHLANDER WASH

THERE CAN BE ONLY ONE

The HIGHLANDER Wash is a brings a new level of high performance, high output and high quality from a compact discharge source fixture with a superior optical system.

Using a 1,400 Watt lamp and outputting through a 230 mm (9 inch) front lens, the HIGHLANDER Wash delivers a massive light output, without sacrificing quality. With a native color temperature of 6,000 Kelvin, the HIGHLANDER Wash optics have CRI, CQS and TM-30 quality indices all measuring 90 and above.

The optical system features a 7 to 1 ratio zoom with a range from a tight 4 degrees, out to 61 degrees.

Beam control is available through an independent motorized iris and a full feature framing system. This framing system gives 4 blade control with each blade being able to tilt on its axis and cross the entire beam. The entire beam framing system can also be rotated through a 90 degree range for optimum control.

The CYL Color mixing gives a full color pallet from pastel shades to full saturation. This is supported by two separately controlled color wheels, each with 7 color positions plus open. The whole color output can also be temperature control anywhere from 2,700 to 6,000 Kelvin using a further separate dichroic based CTO system.

Additional control features of the HIGHLANDER Wash include smooth dimming with multiple user-selectable curves, separate shutter control with built in macros, fast 16 bit pan and tilt movement and an ECO operating mode.

HIGHLANDER WASH – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	Discharge lamp
Power	1,400 W
Lifetime	750 h
CRI	95+
CQS	95+
TLCI	95+
TM-30-15 Rf/Rg	90+ / 95+

OPTICAL SYSTEM

Output	22,000 lm
Min. Zoom	4°
Max. Zoom	61°
Zoom Ratio	1:7
Focus	2 m – infinity | motorized
Output Lens Diameter	230 mm / 9 in

DYNAMIC EFFECTS

Color mixing	CMY | fixed colors
CTC	2,700 K – open
Color wheel	7 dichroic filters + open | indexable, continuous
Color wheel 2	7 dichroic filters + open | indexable, continuous
Framing	4 separately movable shutters, +/-30° positionable, 100% positionable into the beam | +/- 45° rotatable module
Dimmer / Shutter	0 – 100 % continuous mechanical dimming | regular and random strobe and pulse effects | instant open and blackout | separate mechanical shutter

MOVEMENT

Pan	670°
Tilt	264°

CONTROL & PROGRAMMING

DMX Channels	26
Control Modes	1
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | LumenRadio CRMX | DMX/RDM (optional)
High-Res Channels	Dimmer | Pan | Tilt
Dimming curves	Linear | Soft
Focus Tracking	Off | Near | Medium | Far
Setting and addressing	backlit graphic LCD | Jog Dial Navigation

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	Neutrik XLR 5-Pin In/Out | Neutrik etherCON In

ELECTRICAL SPECIFICATIONS

Power input	
at 1,000 W power of lamp	100 – 200 V AC / 50 – 60 Hz
at 1,400 W power of lamp	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Fuse	T15A 250V 6x32mm

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	5 °C / 40 °F

INSTALLATION

Mounting	2x M10 screws | 2 pair of 1/4-turn locks | 2 safety cable attachment points
Orientation	Any
Location	Indoor permanent

CONSTRUCTION

Housing color	Black
Housing material	High-impact flame-resistant thermoplastic | Aluminum | Steel Metal Plates
Protection Rating	IP 20
Construction Features	baseless design | integrated yoke handles | Tilt-Lock-System | modular slide in system | service friendly filter system | service friendly light source change

SHIPPING

Tourpack	2-way | Flightcase
inclusive	Bracket with handle

DIMENSIONS & WEIGHT

Height	724 mm / 28.6 in
Height Head vertical	773 mm / 30.5 in
Width	492 mm / 19.4 in
Depth	773 mm / 30.5 in
Weight netto	29.5 kg / 65.1 lbs

ARTICLE NUMBERS

HIGHLANDER Wash	7770

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EXO Hybrid 40

THE NEW HIGHLIGHT OF THE RELIABLE FAMILY

Thanks to a highly efficient 380 W white light LED engine, excellent optics with a 135 mm front lens and a zoom range of 3.8° to 46°, the FUSION Exo Hybrid offers plenty of light output for small to medium-sized stages as well as for outdoor applications and festivals. Features include a CMY colour mixing system plus separate CTO, 12 fixed colours and an additional 4 colour correction filters, two gobo wheels, an animation wheel, a frost system and two combinable prisms.

The IP65-rated construction enables the full range of indoor and outdoor applications.

Powerful and equipped with a comprehensive package of functions, the new Exo Hybrid offers an excellent price-performance ratio and is therefore an extremely economical choice.

FUSION EXO HYBRID 40 – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	White Light LED
Power	380 W
Count	1
CRI	70

OPTICAL SYSTEM

Output	up to 11,000 lm
Min. Zoom	3.8°
Max. Zoom	48°
Zoom Ratio	1:12

DYNAMIC EFFECTS

Color mixing	CMY
Color wheel	12 fix + 4 fix CTC filter
Dimmer / Shutter	100% electronic, 16 bit
Animation wheel	Rotating Wave Pattern
Frost	2-way (soft | heavy)
Prism	2-way (combinable; 4 facets linear | 3 facets circular)
Gobo wheel 1	8 rotating + open
Gobo wheel 2	11 fix + open

MOVEMENT

Pan	540°, 16 bit
Tilt	270°, 16 bit

CONTROL & PROGRAMMING

DMX Channels	29
Control Modes	1
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | LumenRadio CRMX
High-Res Channels	Dimmer | Pan | Tilt | Gobo index/rotation
Dimming curves	Linear | Soft | S-Curve
Performance Modes	Fast | Normal | Smooth | Low Temperature
Fan Modes	Regulated | High | Medium | Low | Minimum
Setting and addressing	backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM | 1GLP iQ.Mesh

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 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	463 W

THERMAL SPECIFICATIONS

Cooling type	combined convection and forced air
Overtemperature protection	automatic
Max. ambient temperature	45 °C / 113 °F
Min. ambient temperature	-10 °C / 14 °F
Total heat dissipation	1,600 BTU/hr

INSTALLATION

Mounting	2 pairs of 1/4-turn locks
Orientation	Any
Location	Outdoor temporary | Indoor permanently

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic | Aluminum | Magnesium | Steel
Protection Rating	IP 65
Construction Features	Pan/Tilt-Lock-System | integrated base handles

SHIPPING

Tourpack	2-way

DIMENSIONS & WEIGHT

Height Head straight up	680 mm / 26.77 in
Height Head vertical	569 mm / 22.4 in
Width across yoke	429 mm / 16.88 in
Depth Head vertical	314 mm / 12.36
Weight netto	25 kg / 55.11 lbs

ARTICLE NUMBERS

Exo Hybrid 40	4900270

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FUSION EXO Series

EXO Beam 10

1° Narrow Beam
Two Prism with Overlay function
Hybrid Gobo Wheel

EXO Spot 30

Outdoor Moving Head Spot for projections
Ideal Zoom of 7° – 30°
CMY Color Mixing

EXO Wash 30

7x 40 W RGBW LEDs
4° – 54° Zoom
Single Pixel Control

FUSION EXO WASH 30 – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBW LED
Power	40 W
Count	7
Lifetime	20,000 h

OPTICAL SYSTEM

Min. Zoom	4°
Max. Zoom	54°

DYNAMIC EFFECTS

Color mixing	RGBW, independently variable 0 – 100 %
CTC	2.500 – 10.000 K, variable
Zoom	motorized
Dimmer / Shutter	0 – 100 % continuous electronic | regular and random strobe and pulse effects

MOVEMENT

Pan	540°
Tilt	267°
Position correction system	Position feedback

CONTROL & PROGRAMMING

DMX Channels	13 | 22 | 38 | 50
Control Modes	4
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | LumenRadio CRMX (optional)
Dimming curves	Linear | Soft
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	OLED display with 4 buttons | self-charging buffer battery
Firmware Update	Update Unit via DMX Line

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	230 W

THERMAL SPECIFICATIONS

Cooling type	combined convection and forced air
Max. ambient temperature	45 °C / 113 °F
Min. ambient temperature	-10 °C / 14 °F

INSTALLATION

Mounting	1 pair of 1/4-turn locks | safety cable attachment point | rubber feet
Orientation	Any
Location	Outdoor temporary

CONSTRUCTION

Housing color	Black
Housing material	Aluminum
Protection Rating	IP 65
Construction Features	Pan/Tilt-Lock-System | integrated base handles

SHIPPING

Tourpack	2-way

DIMENSIONS & WEIGHT

Height Head vertical	521 mm / 20.5 in
Width across yoke	380 mm / 14.96 in
Depth Head vertical	279 mm / 11 in
Weight netto	19.7 kg / 43.43 lbs

ARTICLE NUMBERS

Exo Wash 30	4900230

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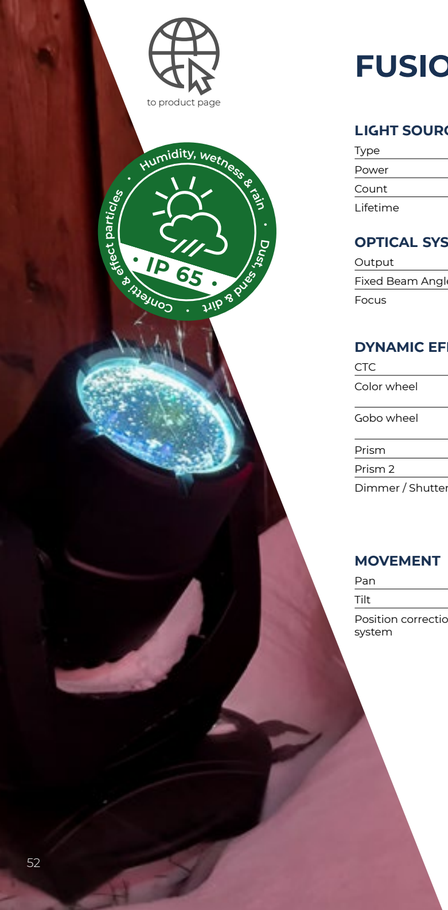

FUSION EXO BEAM 10 – TECHNICAL DATA

LIGHT SOURCE

Type	White Light LED
Power	90 W
Count	1
Lifetime	20,000 h

OPTICAL SYSTEM

Output	up to 2,300 lm
Fixed Beam Angle	1°
Focus	2 m / 6.56 ft – infinity | motorized

DYNAMIC EFFECTS

CTC	8,000 K
Color wheel	indexable | continuous | 14 fixed dichroic filters + open
Gobo wheel	7 rotating Gobos | 7 fixed Gobos | rotatable and indexable
Prism	6-way linear, rotating
Prism 2	8-fach, rotating
Dimmer / Shutter	0 – 100 % continuous electronical dimming | regular and random strobe and pulse effects

MOVEMENT

Pan	540°
Tilt	239°
Position correction system	Position feedback

CONTROL & PROGRAMMING

DMX Channels	15
Control Modes	1
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | LumenRadio CRMX (optional)
Dimming curves	Linear | Soft
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	OLED display with 4 buttons | self-charging buffer battery
Firmware Update	Update Unit via DMX Line

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	185 W

THERMAL SPECIFICATIONS

Cooling type	combined convection and forced air
Max. ambient temperature	45 °C / 113 °F
Min. ambient temperature	-10 °C / 14 °F

INSTALLATION

Mounting	1 pair of 1/4-turn locks | safety cable attachment point | rubber feet
Orientation	Any
Location	Outdoor temporary

CONSTRUCTION

Housing color	Black
Housing material	Aluminum
Protection Rating	IP 65
Construction Features	Pan/Tilt-Lock-System | integrated base handles

SHIPPING

Tourpack	2-way

DIMENSIONS & WEIGHT

Height Head vertical	569 mm / 22.4 in
Width across yoke	380 mm / 14.96 in
Depth Head vertical	279 mm / 11 in
Weight netto	25.5 kg / 56.2 lbs

ARTICLE NUMBERS

Exo Beam 10	4900231

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FUSION EXO SPOT 30 – TECHNICAL DATA

LIGHT SOURCE

Type	White Light LED
Power	230 W
Count	1
Lifetime	20,000 h

OPTICAL SYSTEM

Output	up to 8,300 lm
Min. Zoom	7°
Max. Zoom	30°
Focus	2 m / 6.56 ft – infinity | motorized
Output Lens Diameter	110 mm / 4.33 in

DYNAMIC EFFECTS

Color mixing	CMY, independently variable 0 – 100 %
Color wheel	indexing, continuous rotation | Cyan, variable 0 – 100 % | 3 fixed dichroic filters + open
Color wheel 2	indexing, continuous rotation | Magenta, variable 0 – 100 % | 3 fixed dichroic filters + open
Color wheel 3	indexing, continuous rotation | Yellow, variable 0 – 100 % | 3 fixed dichroic filters + open
Gobo-Rad	8 Gobos, fixed
Gobo-Rad 2	8 Gobos, rotating
Gobo-Diameter Outer Image	20 mm / 0.87 in 16 mm / 0.63 in
Prisma	3-way, rotating
Frost	Heavy
Dimmer / Shutter	0 – 100 % continuous electronic | regular and random strobe and pulse effects

MOVEMENT

Pan	540°
Tilt	258°
Position correction system	Position feedback

CONTROL & PROGRAMMING

DMX Channels	23
Control Modes	1
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | LumenRadio CRMX (optional)
High-Res Kanäle	Dimming | Tilt
Dimming curves	Linear | Soft
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	OLED display with 4 buttons | RDM
Others	Stand Alone 1 captured Scene | 3 Layer Pattern-FX-Engine
Firmware Update	Update Unit via DMX Line

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	295 W

THERMAL SPECIFICATIONS

Cooling type	combined convection and forced air
Max. ambient temperature	45 °C / 113 °F
Min. ambient temperature	-10 °C / 14 °F

INSTALLATION

Mounting	1 pair of 1/4-turn locks | safety cable attachment point | rubber feet
Orientation	Any
Location	Outdoor temporary

CONSTRUCTION

Housing color	Black
Housing material	Aluminum
Protection Rating	IP 65
Construction Features	Pan/Tilt-Lock-System | integrated base handles

SHIPPING

Tourpack	2-way

DIMENSIONS & WEIGHT

Height Head vertical	605 mm / 23.82 in
Height	507 mm / 20 in
Width across yoke	380 mm / 14.96 in
Depth Head vertical	368 mm / 14.5 in
Depth Head up	319 mm / 12.6 in
Weight netto	25.9 kg / 56.2 lbs

ARTICLE NUMBERS

Exo Spot 30	4900232

Photo: Olivia Ravenhill | Lighting design: Mat Stovall, Manny Treeso

STATIC LIGHTS

X5 ATOM	56
X-PAR SERIES	58
STICK FS16 Z	62
MBL 20 & 40	65

UNMATCHED VERSATILITY FOR ANY PROJECT, ANYWHERE

The GLP X5 atom is designed to be as versatile, powerful, and lightweight as possible. This compact fixture seamlessly fits into the tightest spaces while delivering big, dynamic coverage, making it an essential tool across industries – from TV, film, and corporate events to stage design, architecture, and concert touring.

Equipped with high-output RGBL-LEDs, the X5 atom ensures perfectly calibrated, full-spectrum white outputs. The powerful 9:1 zoom ratio transitions smoothly from a 34° wash to a tight 3.5° beam, with even color and light intensity distribution.

Ready for all environments, the IP65-rated housing allows year-round indoor or outdoor use. The X5 atom also features a smart interlock system for quick connection, enabling flexible configurations – from singles to grids – while keeping individual control for each head. With a removable yoke and compatibility with industry-standard power infrastructure, the X5 atom streamlines setup and reduces environmental impact.

 Photo: Olivia Ravenhill | Lighting design: Mat Stovall, Manny Treeso

X5 ATOM IP – TECHNICAL DATA

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X5 ATOM HEAD LIGHT SOURCE

Type	RGBL LED
Power	40 W

OPTICAL SYSTEM

Total Output	up to 430 lm
Min. Zoom	3.5°
Max. Zoom	32°
Zoom Ratio	1:9
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

CONTROL & PROGRAMMING

Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN
Setting and addressing	Control panel with backlit graphic display | 4 Button Menu Navigation | DMX | RDM

CONNECTIONS

Signal and power connection	Neutrik XLR 4-Pin

ELECTRICAL SPECIFICATIONS

Power input	26 VDC
Max. Power	40 W

THERMAL SPECIFICATIONS

Cooling type	Combined convection and fan forced air
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	-10 °C / 14 °F
Thermal protection	Overheating protection

INSTALLATION

Mounting	Hanging and Florstand Bracket | 1x foldable Safety Cable attachment point
Orientation	Any
Location	Indoor permanent | Outdoor temporary

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic | Aluminium | Steel Metal Plates
Protection Rating	IP 65
Construction Features	foldable Floorstand- and Hanging bracket | 4 GLP slide In Connectors

SHIPPING

Tourpack	6-way

DIMENSIONS & WEIGHT

Height	177.5 mm / 6.99 in
Diameter	126.5 mm / 4.98 in
Weight netto	2.1 kg / 4.63 lbs

ARTICLE NUMBERS

X5 atom IP Head	7791
X5 atom IP PSU6	7792

X5 ATOM PSU6 INSTALLATION

Mounting	fix installed Mounting plate (can be installed on back- or topside) screw with 1 pair of 1/4-turn locks and M10 threaded hole | 2 handle with each 2 times M6 screw threads | 2x Safety Cable attachment point Ø13 mm
Orientation	Any
Location	Indoor permanent | Outdoor temporary

ELECTRICAL SPECIFICATIONS

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

THERMAL SPECIFICATIONS

Temperature range	-10 °C / 14 °F to 45 °C / 115 °F

CONSTRUCTION

Housing color	Black
Housing material	High-impact flame-resistant thermoplastic | Aluminium | Steel Metal Plates
Protection Rating	IP 65
Construction Features	2 Handles | 2 position mounting plate

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	XLR 5-Pin In/Out | etherCON In/Out (failsafe)
Head connectors	6x XLR 4-Pin female

DIMENSIONS & WEIGHT

Height	153 mm / 6.02 in
Width	314 mm / 12.4 in
Depth	229.5 mm / 9.04 in
Weight	5.2 kg / 11.46 lbs

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FUSION X-PAR Series

THE COMPACT ALL-ROUNDERS FOR ALL APPLICATIONS

The FUSION X-PAR Series comes with three versatile LED PARs in different power classes (180 W, 120 W, and 80 W). With their Fresnel Zoom Lens and the single Source LED RGBL, they together cover any application needed. The wide zoom range from 8.5° to 55° degree provides perfect beam control.

The housing is constructed for standing without bracket, making it possible to use the FUSION X-PARs as uplighter with narrow beam as well as a general lighting fixture with wide angle to light up whole areas. Additionally, the M12 Thread placed on the back of the fixture enables vertical dropping and other mounting options.

With their fanless IP65 rated design, they are prepared for all uses in- and outdoor.

As part of the new range of GLP fixtures with the impressive GLP iQ.Gamut Technology, the FUSION X-PARs come with great color algorithm and calibration. In combination with the RGBL LED, they have the power to choose between Color Quality or Output to match any application.

 Photo: Paul Gärtner | Lighting design: PRG Germany

FUSION X-PAR 12Z – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBL LED
Power	120 W
Count	1
Lifetime	20,000 h
LED Refresh Rate	600 Hz | 1,200 Hz | 2,200 Hz | 3,000 Hz | 4,800 Hz | 9,600 Hz | 25 kHz
CRI	85+
TLCI	80+

OPTICAL SYSTEM

Output	up to 2,600 lm
Min. Zoom	8.5°
Max. Zoom	55°
Zoom Ratio	1:7
Front lens diameter	190 mm / 7.4 in

DYNAMIC EFFECTS

Color mixing	RGBL
CTC	2,500 – 10,000 K
Color wheel	virtual, 64 LEE referenced colors | 4 White Presets
Zoom	motorized
Dimmer	0 – 100 % electronic, 8 bit / 16 bit
Shutter	1 – 10 Hz

CONTROL & PROGRAMMING

DMX Channels	4 | 6 | 6 | 8 | 11 | 16
Control Modes	6
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
High-Res Channels	Dimmer
Dimming curves	linear | square | inverse square | S-Curve
Dimmer Speed	Fast | Smooth
Setting and addressing	OLED display with 4 buttons | DMX | RDM | 1 Scene Stand Alone
Firmware Update	DMX Link via Updater cable or Handheld

CONNECTIONS

Power connection	True1 compatible In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power	135 W

THERMAL SPECIFICATIONS

Cooling type	convection
Max. surface temperature	90 °C / 194 °F
Temperature range, operating	-10 °C / 14 °F to 45 °C / 113 °F

INSTALLATION

Mounting	1 eyelet for safety cable | M10 thread, centred | Double Bracket with three holes
Orientation	Any
Location	Outdoor temporary, indoor permanent

CONSTRUCTION

Housing color	Black
Housing material	Die-cast Aluminum
Protection Rating	IP 65
Construction Features	Floor Standing with adjustable Foot | Direct M10 Thread for Drop Mounting | Low-Ceiling Mounting with bracket | Holder for optional filterframe and barndoor

SHIPPING

Tourpack	8-way

DIMENSIONS & WEIGHT

Height	245 mm / 9.65 in
Width	245 mm / 9.65 in
Depth	254 mm / 10 in
Weight netto	6.9 kg / 15.2 lbs

ARTICLE NUMBERS

FUSION X-PAR 12Z	4900218
Barndoor	4930180
Filter Frame	4930181

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Photo: Paul Gärtner | Lighting design: PRG Germany

FUSION X-PAR 18Z – TECHNICAL DATA

LIGHT SOURCE

Type	RGBL LED
Power	180 W
Count	1
Lifetime	20,000 h
LED Refresh Rate	600 Hz | 1,200 Hz | 2,200 Hz | 3,000 Hz | 4,800 Hz | 9,600 Hz | 25 kHz
CRI	85+
TLCI	80+

OPTICAL SYSTEM

Output	up to 4,790 lm
Min. Zoom	8.5°
Max. Zoom	55°
Zoom Ratio	1:7
Front lens diameter	190 mm / 7.4 in

DYNAMIC EFFECTS

Color mixing	RGBL
CTC	2,500 – 10,000 K
Color wheel	virtual, 64 LEE referenced colors | 4 White Presets
Zoom	motorized, 8 bit
Zoom Speed	2.1 s
Dimmer	0 – 100 % electronic, 8 bit / 16 bit
Shutter	1 – 10 Hz

CONTROL & PROGRAMMING

DMX Channels	4 | 6 | 6 | 8 | 11 | 16
Control Modes	6
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | LumenRadio CRMX | iQ.Mesh
High-Res Channels	Dimmer
Dimming curves	linear | square | inverse square | S-Curve
Dimmer Speed	Fast | Smooth
Setting and addressing	OLED display with 4 buttons | DMX | RDM | 1 Scene Stand Alone | iQ.Service via iQ.Mesh
Firmware Update	DMX Link via Updater cable or Handheld | iQ.Service via iQ.Mesh

CONNECTIONS

Power connection	PowerCon TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power	200 W

THERMAL SPECIFICATIONS

Cooling type	Combined convection and forced air
Max. surface temperature	90 °C / 194 °F
Temperature range, operating	-10 °C / 14 °F to 45 °C / 113 °F

INSTALLATION

Mounting	1 eyelet for safety cable | M12 thread, centred | Double Bracket with three holes
Orientation	Any
Location	Outdoor temporary, indoor permanent

CONSTRUCTION

Housing color	Black
Housing material	Die-cast Aluminum
Protection Rating	IP 65
Construction Features	Floor Standing with adjustable Foot | Direct M12 Thread for Drop Mounting | Low-Ceiling Mounting with bracket | Holder for optional filterframe and barndoor

SHIPPING

Tourpack	8-way

DIMENSIONS & WEIGHT

Height	245 mm / 9.65 in
Width	245 mm / 9.65 in
Depth	297.5 mm / 11.71 in
Weight netto	8.8 kg / 19.4 lbs

ARTICLE NUMBERS

FUSION X-PAR 18Z	4900219
Barndoor	4930180
Filter Frame	4930181

FUSION X-PAR 8Z – TECHNICAL DATA

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Photo: Paul Gärtner | Lighting design: PRG Germany

LIGHT SOURCE

Type	RGBL LED
Power	80 W
Count	1
Lifetime	20,000 h
LED Refresh Rate	600 Hz | 1,200 Hz | 2,200 Hz | 3,000 Hz | 4,800 Hz | 9,600 Hz | 25 kHz
CRI	90
TLCI	80+

OPTICAL SYSTEM

Output	up to 1,600 lm
Min. Zoom	7.5°
Max. Zoom	45°
Zoom Ratio	1:6
Front lens diameter	132 mm / 5.2 in

DYNAMIC EFFECTS

Color mixing	RGBL
CTC	2,500 – 10,000 K
Color wheel	virtual, 64 LEE referenced colors | 4 White Presets
Zoom	motorized
Dimmer	0 – 100 % electronic, 8 bit / 16 bit
Dimming curves	linear | square | inverse square | S-Curve
Shutter	1 – 10 Hz

CONTROL & PROGRAMMING

DMX Channels	4 | 8 | 11 | 16
Control Modes	6
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | iQ.Mesh
High-Res Channels	Dimmer
Dimmer Speed	Fast | Smooth
Setting and addressing	OLED display with 4 buttons | DMX | RDM | 1 Scene Stand Alone | iQ.Mesh
Firmware Update	DMX Link via Updater cable or Handheld

CONNECTIONS

Power connection	True1 compatible In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power	85 W

THERMAL SPECIFICATIONS

Cooling type	convection
Max. surface temperature	90 °C / 194 °F
Temperature range, operating	-10 °C / 14 °F to 45 °C / 113 °F
Total heat dissipation	290 BTU/hr

INSTALLATION

Mounting	1 eyelet for safety cable | M10 thread, centred | Double Bracket with three holes
Orientation	Any
Location	Outdoor temporary, indoor permanent

CONSTRUCTION

Housing color	Black
Housing material	Die-cast Aluminum
Protection Rating	IP 65
Construction Features	Floor Standing with adjustable Foot | Direct M10 Thread for Drop Mounting | Low-Ceiling Mounting with bracket | Holder for optional filterframe and barndoor

SHIPPING

Tourpack	10-way

DIMENSIONS & WEIGHT

Height	172 mm / 6.77 in
Width	212 mm / 8.35 in
Depth	249 mm / 9.8 in
Weight netto	4.5 kg / 9.92 lbs

ARTICLE NUMBERS

FUSION X-PAR 8Z	4900220
Filter Frame	4930200
Barndoor	4930201

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FUSION
FUSION

INCREASED PIXEL VISIBILITY FOR TV APPLICATIONS

The FUSION Stick FS16 Z has a motorized zoom between 10° and 41° degrees. It is still the same size and dimensions as the FUSION Stick FS20, so all diffusers, including asymmetrical options, and accessories are available to use.

The Halo Ring is another innovation implemented to increase pixel visibility in TV applications. In all camera angles the single pixels are visible at any zoom position due to the ring around the front lens and still create stunning narrow beams.

The FUSION Stick FS16 Z features an IP rating of 65, allowing for full outdoor use regardless of poor weather conditions. To that end the Stick features a fanless design, which not only ensures the IP65 rating, but also enables silent operation for sound sensitive environments such as theaters or television.

The direct vertical hanging and standing are one of the key features to create stunning effects with less rigging effort.

No matter the application, the FUSION Stick FS16 Z is the right choice.

FUSION STICK FS16 Z – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	RGBW LED
Power	20 W
Count	16
Lifetime	20,000 h
CCT	8,000 – 2,500 K
CRI	70+
TLCI	42
TM-30-15 Rf/Rg	97 / 62

OPTICAL SYSTEM

Output	up to 5,890 lm
Min. Zoom	10°
Max. Zoom	41°
Zoom Ratio	1:4

DYNAMIC EFFECTS

Color mixing	RGBW
Color wheel	virtual, 39 color | whites
Dimmer / Shutter	0 – 100% electronic | regular and random strobe and pulse effects | selectable dimming curves

CONTROL & PROGRAMMING

DMX Channels	6 | 14 | 33 | 79
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
High-Res Channels	Dimming
Dimming Curves	Linear | Soft
Setting and addressing	OLED Display | 4 Button Menu Navigation | DMX | RDM
Others	1 Scene Stand Alone | 3 Layer Pattern-FX-Engine
Firmware Update	DMX Link via Updater

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	450 W

THERMAL SPECIFICATIONS

Cooling type	convection
Max. ambient temperature	90 °C / 194 °F
Min. ambient temperature	5 °C / 40 °F

INSTALLATION

Mounting	2 pair of 1/4-turn locks | 2 eyelets for safety cable
Orientation	Any
Location	Outdoor temporary

CONSTRUCTION

Housing color	Black
Housing material	Aluminum
Protection Rating	IP 65
Construction features	changeable frontscreen | direct vertical hanging

SHIPPING

Tourpack	4-way
Case available with and without wheels	
inclusive	stand with manual horizontal Tilt | Glare Shield | Adapter Schuko to powerCON True1

DIMENSIONS & WEIGHT

Height	236 mm / 9.3 in
Width	1,023 mm / 40.6 in
Depth	90 mm / 3.5 in
Weight netto	13 kg / 18.66 lbs

ARTICLE NUMBERS

FUSION Stick FS16 Z	4900246

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FUSION STICK FS16 Z ACCESSORIES

ARTICLE NUMBERS

Base Plate	4930001
Omega Bracket	4930009
IR Remote Control	4930092
Vertical Adapter excl. Bracket	4930109
Vertical Adapter incl. Bracket	4930120
Diffuser Filter 20°	4930002
Diffuser Filter 40°	4930003
Diffuser Filter 60°	4930004
Diffuser Filter 60°x10°	4930005
Diffuser Filter Black Tube	4930010
Glare Shield	5900318

Diffuser Filter Black Tube

Diffuser Filter

Glare Shield

Bracket with Vertical Adapter

IR Remote Control

Base Plate with Vertical Adapter

FUSION MBL – TECHNICAL DATA

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to product page FUSION MBL 40

The FUSION MBL is a tunable white floodlight with an adjustable color temperature range from 2,700 to 6,500 Kelvin. Due to the fanless concept the MBL is the ideal general light for fairs, events, sports or show areas or in all sound sensitive areas. The MBL is classified according to IP65, therefore dustproof and also suitable for outdoor use. The integrated diffuser improves the lighting properties of the LED by reducing glare and providing a homogeneous visual impression.

The direct selector switches can be used to set the most important color temperatures and fixed brightness levels without current. For the integration in installations the MBL can be controlled individually via DMX 512. For the use in the video/TV sector selectable PWM frequencies (up to 30 KHz) are at hand.

LIGHT SOURCE

Type	cW/wW LED
Count MBL 20 MBL 40	 27 x vW, 27x cW 55x wW, 55x cW
Lifetime	50.000 h
CRI	80+
TM-30-15 Rf/Rg	80+ / 90+

OPTICAL SYSTEM

Beam angle	100°

CONTROL & PROGRAMMING

DMX Channels	2 | 5
Control Modes	2
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
Dimming Curves	Inv. Square | Linear | Square Law | Theatre
Rotary Switch CCT	2,700 K | 3,200 K | 4,200 K | 5,600 K | 6,500 K
Rotary Switch Brightness	20 % | 40 % | 60 % | 80 % | 100 %
Setting and addressing	backlit graphic LCD | 4 Button Menu Navigation
Firmware Update	DMX Link via Updater

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power MBL 20 MBL 40	 200 W 400 W

THERMAL SPECIFICATIONS

Cooling type	convection
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	-10 °C / 14 °F

INSTALLATION

Mounting	1 pair of 1/4-turn locks | 2 Safety Cable attachment points
Orientation	Any
Location	Outdoor temporary

CONSTRUCTION

Housing color	Black
Housing material	Aluminum
Protection Rating	IP 65

SHIPPING

Tourpack MBL 20 MBL 40	 6-way 4-way

DIMENSIONS & WEIGHT MBL 20

Height	270 mm / 106.3 in
Height with Bracket	370 mm / 145.7 in
Width	250 mm / 98.4 in
Depth	170 mm / 66.93 in
Weight netto	5 kg / 11.02 lbs

MBL 40

Height	380 mm / 149.6 in
Height with Bracket	482 mm / 189.8 in
Width	320 mm / 125.98 in
Depth	217 mm / 85.4 in
Weight netto	10 kg / 22.04 lbs

ARTICLE NUMBERS

FUSION MBL 20	4900250
Barndoor MBL 20	4930160
Gel Frame MBL 20	4930175
FUSION MBL 40	4900251
Barndoor MBL 40	4930161
Gel Frame MBL 40	4930176
Omega Bracket	4930009

MBL 20 with Barndoor

MBL 40 with Barndoor

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66 Photo: Ethan Karlin

STROBES

JDC2 IP	68
JDC BURST 1	72
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JDC1	76
JDC LINE	78

THE DESIGN TOOL YOU'VE BEEN WAITING FOR!

GLP JDC2 IP is the new innovative hybrid strobe with more visibility, increased output and advanced creativity. The new integrated beam line is equipped with 84 high-performance LEDs which are highly efficient at 10 W each and produce a flash that is more powerful than ever.

The optimized, extremely steep flash ramps ensure an even more realistic and intense strobe impression. With 12 individually controllable segments, the beam line offers extended intensity flash effects and more than 100 static and dynamic strobe patterns.

With 1,025 cm^2 (159 in^2) luminous surface, not only does the visual solid angle increase, but the visibility of the surface is perceived as larger and up to 25% brighter than the JDC1. The saturated colors and exceptional brightness of the 1,728 LEDs provide powerful diffuse lighting. This allows stages and spaces to be completely immersed in color. An impressive, rich color environment is created, especially when combined with haze. The specialized black LED masking ensures a black front appearance, while eliminating reflection from other light sources.

Of course, the two color plates can be addressed separately, in 12 or 24 individual segments. Additionally, the new JDC2 IP offers the ability to create breathtaking digital effects with an individually controllable pixel matrix. A built-in powerful Dual Cortex CPU with 3D graphic processing offers you a variety of impressive effects – the so called GLP DigiFX. With over 100 designed GLP DigiFX, the JDC2 IP provides an extremely wide range of digital content.

To go one step further, multiple effect manipulations can be applied in real time. This opens up endless creative possibilities for integrating the JDC2 into your show ... all without any media server or other external players.

Two fail-safe GigaBit EtherCon ports allow you to capture up to four different external NDI streams and display them directly on the JDC2 IP, without any dedicated interface, license-bound protocols or expensive video processors being required.

The head of the JDC2 IP is motorized with approx. 180° tilt and therefore can be perfectly aligned for thoughtful lighting design. The extremely robust housing in a modern design is, of course, IP65-rated and suits both permanent indoor as well as temporary outdoor applications.

Of course, the GLP JDC2 IP also offers the innovative GLP iQ.Mesh interface with NFC Connect for exceptional ease of service. Extremely simple system integration and control of the internal effects and DigiFX allow users to focus on what it's all about – creative design!

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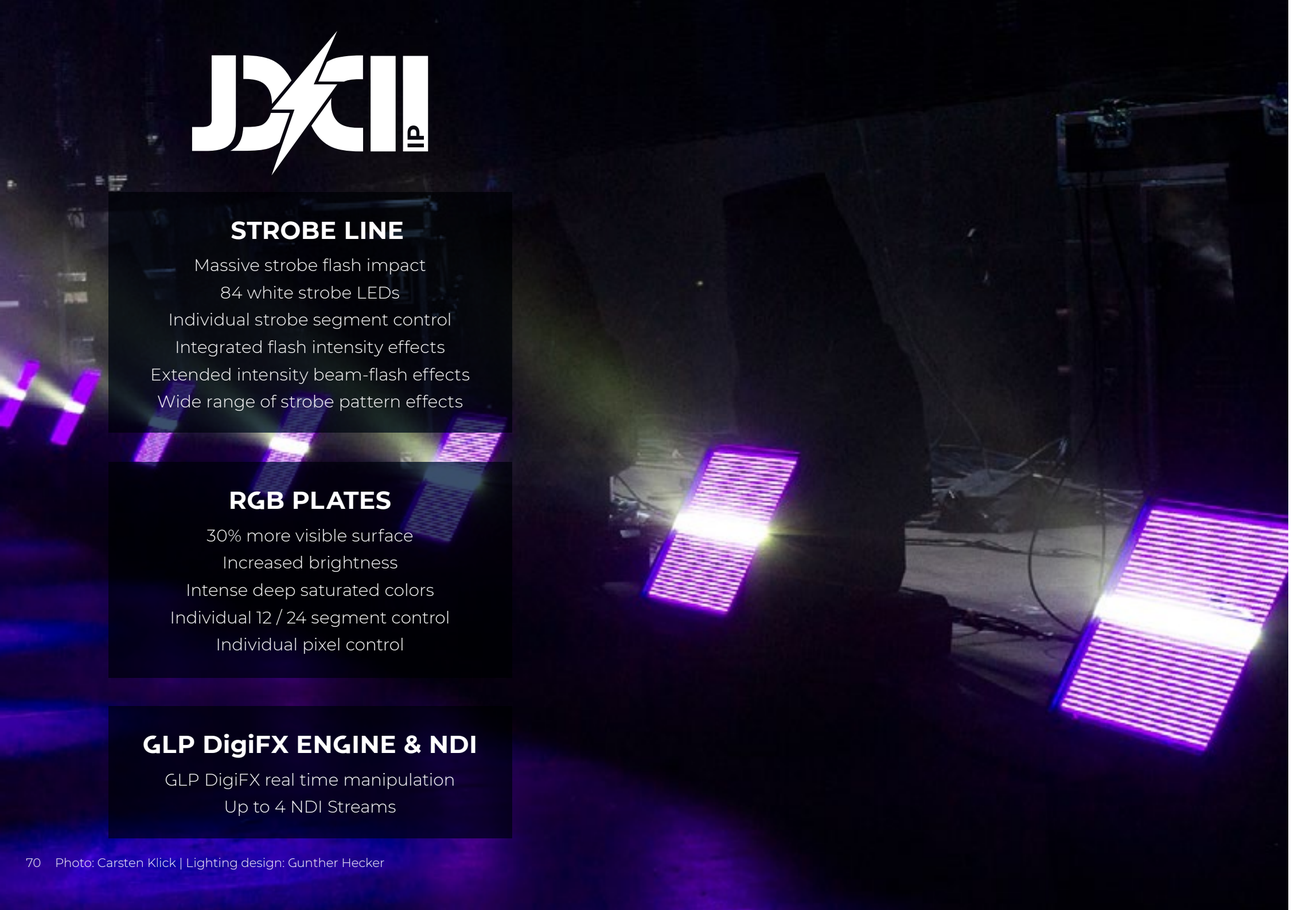

STROBE LINE

Massive strobe flash impact
84 white strobe LEDs
Individual strobe segment control
Integrated flash intensity effects
Extended intensity beam-flash effects
Wide range of strobe pattern effects

RGB PLATES

30% more visible surface
Increased brightness
Intense deep saturated colors
Individual 12 / 24 segment control
Individual pixel control

GLP DigiFX ENGINE & NDI

GLP DigiFX real time manipulation
Up to 4 NDI Streams

 Photo: Carsten Klick | Lighting design: Gunther Hecker

JDC2 IP – TECHNICAL DATA

to product page

LIGHT SOURCE

Type	
Strobe Line	White Strobe LED
RGB Plates	RGB LED
Count	
Strobe Line	84
RGB Plates	1,728

OPTICAL SYSTEM

Total Output	
Strobe Line	47,000 lm
RGB Plates	20,000 lm
Strobe and Plates	70,000 lm
Peak Luminous Intensity	80 kcd
Light distribution	
Strobe Line	150° / 49°
RGB Plates	160° / 160°
Pixel Pitch RGB Plates	7 mm / 0.27 in
Pixel Quantity	
physical	54 x 32 px (1,728 px)
virtual	54 x 36 px
Dimension Output Lens	2x 377 x 111 mm / 2x 14.8 x 4.4 in
Nit	78,000 nt up to 10 times brighter than LED Video Panels

DYNAMIC EFFECTS

Dimmer	16 bit

MOVEMENT

Tilt	184°, 16 bit

CONTROL & PROGRAMMING

Control Modes	M1: Dual Strobe (CH24 / 21 Fixture) | M2: Segment 1-1 (CH46 / 11 Fixture) | M3: Segment 12-12 (CH91 / 5 Fixture) | M4: Segment 12-24 (CH127 / 4 Fixture; DEFAULT) | M5: JDC1 Spix Patch (CH68 / 7 Fixture)
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | ArtNet / sACN (in development) LumenRadio CRMX (optional) | iQ.Mesh
High-Res Kanäle	Dimmer | Tilt | X/Y Position
Dimming Curves	Linear | Soft
Performance Modes	Fast | Normal | Smooth
Fan Modes	Regulated | High | Medium | Low | Minimum
Setting and addressing	Control panel with backlit graphic display | 4 Button Menu Navigation | DMX | RDM | iQ.Mesh
Others	Beam Pattern Effect Engine | Plate DigiFX Engine | Beam/Plate Intensity Flash Effects
Firmware Update	iQ.Mesh

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out | Gigabit etherCON In/Out (failsafe)

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power	1,500 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range	-10 °C / 14 °F to 45 °C / 115 °F
Thermal Protection	automatic
Total heat dissipation	5,150 BTU/hr

INSTALLATION

Mounting	2 eyelets for safety cable | 2 pairs of 1/4-turn locks
Orientation	Any, with JDC2 Bracket
Location	Indoor permanently, outdoor temporary

SHIPPING

Tourpack	3-way

CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flameresistant thermo-plastic | Aluminum | Steel Metal Plates
Protection Rating	IP 65
Construction Features	Tilt-Lock-System | Alignment System | Head Handles | Attachment points for external accessories

DIMENSIONS & WEIGHT

Height head straight up	354 mm / 13.94 in
Height head vertical	452 mm / 17.8 in
Width across yoke	444 mm / 17.48 in
Depth head vertical	230 mm / 17.48 in
Weight netto	23.5 kg / 51.8 lbs

ARTICLE NUMBERS

JDC2 IP	7678

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THE NEXT EVOLUTIONARY STAGE OF THE JDC1

The GLP JDC Burst 1 is the evolution of the legendary JDC1, inspired by the JDC2. With three times the brightness, improved RGBW LEDs, and IP65 protection, it delivers maximum performance under all conditions. Color performance has been significantly enhanced: +120% in red, +60% in green, and +30% in blue.

Thanks to its segmented strobe line, RGBW LED plates, and motorized 185° tilt, the Burst 1 creates dynamic, impressive effects. It is maintenance-free, weather-resistant, and highly versatile, controllable via DMX, ArtNet, sACN, and GLP iQ.Mesh. Weighing only 14 kg, with ergonomic handles and flexible mounting options, it is highly portable and suitable for any setup.

JDC BURST 1 – TECHNICAL DATA*

to product page

LIGHT SOURCE

Type	
Strobe Line	White Light LED
RGBW Panels	RGBW LED
Power	1,400 W

OPTICAL SYSTEM

Total Output	
Plate	42,000 lm
Beam	63,000 lm

DYNAMIC EFFECTS

Dimmer	16 bit

MOVEMENT

Tilt	185°

CONTROL & PROGRAMMING

DMX Channels	19 | 37 | 227 | 245
Control Modes	4
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
High-Res Kanäle	Dimmer | Tilt
Dimming Curves	Linear | Soft
Performance Modes	Fast | Normal | Smooth
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	Control panel with backlit graphic display | 4 Button Menu Navigation | DMX | RDM
Others	Stand Alone Scene | Pattern FX Engine | Multi-patch for media servers | FVP Protocol
Firmware Update	DMX Link via DProg | iQ.Mesh

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out | etherCON In/Out (failsafe)

ELECTRICAL SPECIFICATIONS

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

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range	-10 °C / 14 °F to 45 °C / 113 °F

INSTALLATION

Mounting	2 eyelets for safety cable | Safety cable attachment point | 2 pairs of 1/4-turn locks
Orientation	Any
Protection Rating	IP 65
Location	Indoor permanently, outdoor temporary

CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flameresistant thermo-plastic | Aluminum | Steel Metal Plates
Protection Rating	IP 65
Construction Features	Head Handles | Attachment points for external accessories

DIMENSIONS & WEIGHT

Height	315 mm / 12.4 in
Width across yoke	412 mm / 16.2 in
Depth head vertical	172 mm / 6.7 in
Weight netto	14 kg / 30.8 lbs

SHIPPING

Tourpack	4-way

ARTICLE NUMBERS

Wild Bar 16	4900280

* Preliminary Data. Subject to change.

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WASH AND STROBE IN ONE POWERFUL FIXTURE

The XDC1 IP Hybrid merges two diffused, extremely powerful high-output strobe lines, with an ultra-powerful wash light, offering superior colour quality—all packaged in a weatherproof IP65 housing. Based on the innovative RGBL colour mixing of the X5 series, the XDC1 offers impressive light output and colour rendering quality.

GLP's proprietary iQ.Gamut colour algorithm also guarantees white points perfectly calibrated to the colour temperature curve in the XDC1. The 18 x 40W wash LEDs are arranged in three rows of six pixels each and, with a particularly narrow 10° optic, provide impressive mid-air effects, even at very long distances.

A clever alignment system allows comfortable and fast setup of horizontal and vertical lines, up to complex, large-scale light objects.

Photo: Ralph Larmann | Lighting design: Mark Cunniffe

XDC1 IP HYBRID – TECHNICAL DATA

to product page

LIGHT SOURCE

Type Strobe Line RGB Wash	 White LED 40 W RGBL LED
Count Strobe Line RGB Wash	 120 18
Lifetime	50,000 h
LED Refresh Rate	Optimal | High 1 | High 2 | Max
CCT RGB Wash	6.500 K
Duv RGB Wash	perfect white point matches with low Duv values
TLCI RGB Wash	6,500 K: 90 | 3,200 K: 75
TM-30-15 Rf/Rg 6.500 K 3,200 K	 87 / 105 85 / 110

OPTICAL SYSTEM

Total Output Strobe Line RGB Wash Strobe and Wash	 up to 66,400 lm up to 18,700 lm up to 85,100 lm
Beam Angle (without filter) Strobe Wash	 140°/45° field angle 10° beam angle

DYNAMIC EFFECTS

Color mixing	RGB | RGBL | xy
CTC	2,500 – 10,000 K
CQC	High Output (HO) High Quality (HQ) Desaturation
Color wheel	virtual, 64 LEE referenced colors
Flash Rate / Intensity Effects Speed	Strobe | continuous open | different Intensity Effects
Magenta/Green-Shift	yes
Tungsten Simulation	8 selectable curves
Pattern Effects	50 dynamic pattern macros with special effects
Color Mix Priority	different Layer Priority settings
Dimmer	0 – 100 %, 16 bit
Shutter	variable speed, with effects

CONTROL & PROGRAMMING

DMX Channels	M1: 21 | M2: 50 | M3: 58 | M4: 113 | M5: 80 | M6: 92 | M7: 53
Control Modes	7
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN | GLP iQ.Mesh | LumenRadio CRMX (optional)
Manual Tilt Movement Angle	180°
High-Res Channels	Dimmer | Colormix
Dimming Curves	Linear | Soft | S-Curve
Power Modes	Dynamic (Default) | Max Strobe | Max Wash | Balanced
Flash Style	Normal | Xenon
Duration Control	Normal | Percentage
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	Full | Rec.709 | Rec.2020 | DCI P3.65
PWM	Low | Optimal | High 1 | High 2 | Max
No-Signal	Blackout | Hold | Houselight | Stand Alone Scene
Hibernation	yes
Setting and addressing	backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM | iQ.Service App | internal web interface
Others	1 Scene Stand Alone | Art-Net/sACN Node | Data Conversion | GLP iQ.Mesh | FPO Port (Flexible Protocol Option) | SW Fixture2Fixture Push
Firmware Update	DMX Link via DProg | internal web interface | GLP iQ.Mesh | Fixture2Fixture Push

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	1,100 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Temperature range, operating	5 °C – 45 °C / -20 °F – 115 °F
Total heat dissipation	3,760 BTU/hr

INSTALLATION

Mounting	1 pair of 1/4-turn locks | eyelets for safety cable | 4 eyelets for hanging installation | 3x 13 mm hole for Rigging Clamp
Orientation	Any
Standort	Indoor permanent, Outdoor temporary

CONSTRUCTION

Housing color	Black
Material	High-impact flame-resistant thermoplastic | Aluminum | Steel
Protection Rating	IP 65
Construction Features	Alignment System | threads for external accessory | tiltable bracelet | same vertical Pixel Pitch (Wash)

SHIPPING

Single fixture	Carboard
Tourpack	4-way

DIMENSIONS & WEIGHT

Height Bracket straight up Bracket vertical	 361 mm / 14.21 in 300 mm / 11.8 in
Width across yoke	400 mm / 15.75 in
Depth with filter frame (bracket straight up)	206.3 mm / 8.12 in
Weight netto	22.5 kg / 49.6 lbs

ARTICLE NUMBERS

XDC1 IP Hybrid	7886
XDC Floorstand	787030
Filter Frame Holder (for three filter)	787015
Filter A, narrow (18° beam angle)	787016
Filter B, medium (28° beam angle)	787017
Filter C, wide (35° beam angle)	787018

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THE ULTIMATE HYBRID STROBE

When you look for a strobe, you look for power. The JDC1 from GLP delivers power in excess through a versatile and highly creative design, the likes of which has never been seen before.

The JDC1 contains a traditional single tube element created with LEDs that produce an incredible clear, bright white output. This is then combined with a surrounding full face of RGB power, utilizing a large array of complimentary LED sources. The possibilities are endless as these two elements have independent control and can be used as separate pieces, or combined for stunning effects.

Along with working as a powerful strobe light, both the tube and the full face sections can be run continuously for high output blinder and wash light effects, which never reduce output or have thermal cutouts.

To give even more functionality, the RGB face which can be divided into 12 separate ‘pixel’ sections, and additionally the bright white tube also can be divided into 12 sections and then the whole array can be fully pixel mapped through any standard controller.

The JDC1 also features dynamic movement with a 16 bit, 185 degrees tilt range, allowing you to place effects exactly where and when you want them to be – and get the most possible power and impact.

The JDC1 is a whole new class of strobe that offers an incomparable feature set that goes way beyond the definition of a hybrid.

JDC1 – TECHNICAL DATA

LIGHT SOURCE

STROBE PANEL LEDS

Type	RGB LED
Count	1,320
Segments	12 (2 x 6)

STROBE TUBE LEDS

Type	Cold White LED
Count	216
Segments	12

MOVEMENT

Tilt	185°, 8 – 16 bit

CONTROL & PROGRAMMING

Control Modes	Compressed | HighRes | Pixel-Mapping
Protocols	DMX (USITT DMX512) | RDM (ANSI/ESTA E1.20)
Setting and addressing	backlit graphic LCD | self charging buffer battery

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	Neutrik XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	1,600 W
Fuse	T8A 20mm

THERMAL SPECIFICATIONS

Max. ambient temperature	40 °C / 104 °F
Overheating protection	automatic

INSTALLATION

Mounting	eyelets for safety cable | Omega Bracket | rubber feet
Orientation	Any

CONSTRUCTION

Housing color	Black

SHIPPING

Single fixture	Cardboard
Tourpack	4-way | 6-way | Flightcase
inclusive	Omega Brackets

DIMENSIONS & WEIGHT

Height Head vertical	251 mm / 9.8 in
Width	390 mm / 15.3 in
Depth	150 mm / 5.9 in
Weight netto	11.6 kg / 25.6 lbs

ARTICLE NUMBERS

JDC1	7675

to product page

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THE HYBRID HIGHLIGHT-PRODUCT

The new JDC Line combines a powerful strobe line with a never seen powerful LED pixel mapping stick.

The JDC Line offers a much brighter RGB Pixel mapping effect mixed by a special 500 mm lens tube which gives great look and new design options.

The pixel pitch of the segments is 25 mm and the pixel are seamless next to each other. A super highlight feature is, that each pixel segment can be split into upper and lower part which gives additional creative options.

The second part of the fixture is a powerful strobe tube, well known from the JDC center beam LEDs. The JDC Strobe LEDs emit into the same lens tube as the RGB Pixel Mapping LEDs and also offer a segmentation of 25 mm for stunning dynamic effects.

The strobe and the RGB Pixel mapping output emitting through the same lens tube creates a very nice look and avoids seeing ugly separate LEDs or light reflections from white face LEDs.

 Photo: Henrik Mill | Lighting design: Jakob Larsson

JDC LINE – TECHNICAL DATA

to product page JDC Line 500
to product page JDC Line 1000

LIGHT SOURCE

Type	White LED | RGB LED
Count JDC Line 500 JDC Line 1000	 100x White | 200x RGB 200x White | 400x RGB
CCT White LED RGB LED	 6,600 – 7,100 K 6,500 K
CRI	78
TLCI	53
TM-30-15 Rf/Rg	97 / 71

OPTICAL SYSTEM

Total Output JDC Line 500 JDC Line 1000	 White LED: 20,400 lm | RGBW LED: 42,100 lm White LED: 40,800 lm | RGBW LED: 84,200 lm
Dimension Output Lenses (rectangular) JDC Line 500 JDC Line 1000	 494.15 x 22 mm / 19.4 x 0.8 in 2 lenses á 494.15 x 22 mm / 19.4 x 0.8 in
Beam Angle	150/64° half peak | 160/70° field angle | 160/88° cutoff angle

CONTROL & PROGRAMMING

DMX Channels JDC Line 500 JDC Line 1000	 M1: 16 | M2: 34 | M3: 83 | M: 47 | M5: 98 | M6: 158 | M7: 38 M1: 32 | M2: 68 | M3: 168 | M4: 94 | M5: 196 | M6: 316 | M7: 78
Control Modes	M1: RGBWStrobe | M2: Wstrobe, RGBStrobe | M3: Wstrobe, RGB Pixel | M4: RGBStrobe, W Pixel | M5: MultiPix | M6: MultiPix Advanced | M7: Multipix Quadpix
Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN
High-Res Kanäle	Intensity
Dimming Curves	Linear | Soft
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	Multicolor graphic display | 4 Button Menu Navigation | DMX | RDM
Others	Splitt Pixel Segments
Firmware Update	DMX Link via DProg

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	Neutrik XLR 5-Pin In/Out | Neutrik etherCON In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power JDC Line 500 JDC Line 1000	 800 W 1,600 W

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	5 °C / 40 °F

INSTALLATION

Mounting JDC Line 500 JDC Line 1000	 2 eyelets for safety cable | 2 pairs of 1/4-turn locks | Rigging Bracket with 2 pairs of 1/4-turn locks 4 eyelets for safety cable | 4 pairs of 1/4-turn locks | 2x Rigging Bracket with 2 pairs of 1/4-turn locks
Orientation	Any
Location	Indoor permanent

SHIPPING

Tourpack JDC Line 500 JDC Line 1000	 8-way 4-way
inclusive	Rigging Bracket | Alignment Bracket | Diffuser (1x for JDC Line 500, 2x for JDC Line 1000)

CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flameresistant thermo-plastic | Aluminum | Steel Metal Plates
Protection Rating	IP 20
Construction Features	Multicolor graphic display | 4 Button Menu Navigation | DMX | RDM

DIMENSIONS & WEIGHT JDC LINE 500

Height	74 mm / 2.9 in
Width	507 mm / 19.96 in
Depth	201.5 mm / 7.93 in
Weight netto	6 kg / 13.23 lbs

JDC LINE 1000

Height	74 mm / 2.9 in
Width	1,007 mm / 39.65 in
Depth	201.5 mm / 7.93 in
Weight netto	12 kg / 26.46 lbs

ARTICLE NUMBERS

JDC Line 500	7870
JDC Line 1000	7875
Alignment Bracket	787011
Diffuser A white black	787021 787023 787025

JDC Line 500

JDC Line 1000

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CREATIVE LED SYSTEMS

CREATIVE LIGHT 1 84
KNV SYSTEM 86

HOW TO ROCK THE TUNNEL

In March 2021, a small GLP team transformed a dreary motorway underpass into a pulsating dance temple within a few hours.

Boogie Pimps ('Somebody To Love') were tasked with making the project a very special audiovisual experience. The duo not only contributed a track ('Awesome'), but also agreed to perform on site in the tunnel.

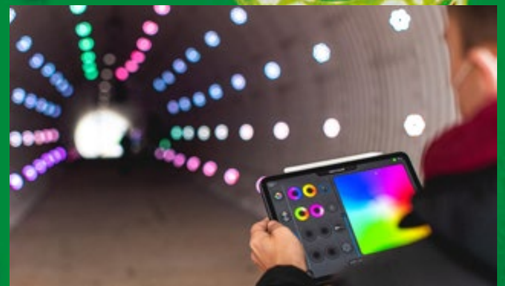
After the prerequisites for the implementation had been agreed with the authorities, a five-person GLP crew began setting up on the afternoon of 23rd March. With the help of a levelling laser and mobile scaffolding, over 200 GLP Creative Light 1's were precisely aligned on the tunnel wall within a few hours. Then the DJ set-up was arranged and the programming of the light show was given the final touches.

The Tunnel Video:

Although the staged light show in the tunnel looked highly professional and impressive, it was created exclusively with the help of the free Creative Light App.

Without any expensive lighting control, all devices communicated purely in the almost zero latency GLP iQ Mesh network. This network is created when the Creative Light 1 system is controlled via the smartphone app. It is generated in that all Creative Light 1's used receive and amplify the signal with one another.

„In this set-up we were able to impressively demonstrate the incredible flexibility of the Creative Light 1," said GLP product manager, Michael Feldmann. "The small device really fits everywhere and enables installations in places that would not be accessible for other lighting technology. The Creative Light 1 is the ideal tool that combines creativity, performance and flexibility in a coherent product."



Photos: Paul Gärtner
Lighting design: Yannik & Julian Künzler

to product page

CREATIVE LIGHT 1 – TECHNICAL DATA

LIGHT SOURCE

Type	RGBL LED
Count	24
Lifetime	50,000 h
LED Refresh Rate	19 kHz

CONNECTIONS

Power connection	USB-C | 2 charging ports

ELECTRICAL SPECIFICATIONS

Power input incl. charging unit	5 – 14 V DC 100 – 240 V AC / 50 – 60 Hz
Battery Type	Lithium Ion 10,000 mAh / 3.7 V

BATTERY PERFORMANCE

High Mode	4 h (full output) to 24+ h (Single Color)
Normal Mode	6 h (full output) to 24+ h (Single Color)
ECO Mode	9 h (full output) to 24+ h (Single Color)
Charging Time (0 – 100 %)	
Rapidcharge (GLP Charging Box)	approx. 5 h
Standard Charge (USB-Kabel)	approx. 10 h

THERMAL SPECIFICATIONS

Cooling Type	convection
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	0 °C / 32 °F
Überhitzungsschutz	automatic

INSTALLATION

Mounting	3x M6 threads | 2 eyelets for safety cable | Kensington Lock
Orientation	Any
Location	Indoor permanent

CONSTRUCTION

Housing color	Black with gray printing
Housing Material	High-impact flame-resistant thermoplastic | Aluminium | Steel Metal Plates
Protection Rating	IP 20
Construction Features	Rubber feet | magnetic front screen | Strong Magnet with anti slip rubber | IR Sensor for Remote Control | integrated microphone | Kensington Lock | 3x M6 Screw Threads | 2 eyelets for safety cable

SHIPPING

Single fixture	Cardboard
Tourpack	6-way | 10-way | charging case

DIMENSIONS & WEIGHT

Height	32 mm / 1.26 in
Diameter	156.5 mm / 6.61 in
Weight netto	570 g / 1.26 in
Weight Front Screen netto	35 g / 0.08 lbs

ARTICLE NUMBERS

Creative Light 1	7740
Creative Light 1 Plus	7741
Front Screens clear white diffuse	 774001 774005
IR Remote Control	774005
UFO1 (Universal Fixing Object)	87089

CREATIVE LIGHT 1 – CONTROL OPTIONS

CONTROL & PROGRAMMING

DMX Channels Creative Light 1 Creative Light 1 Plus	 none 5 | 15 | 75
Control Mode Creative Light 1 Creative Light 1 Plus	 none 3
Control Protocols	
Creative Light 1	IR Remote | iQ Mesh | mobile App
Creative Light 1 Plus	IR Remote | iQ Mesh | mobile App | DMX (USITT DMX512-A) | LumenRadio CRMX (DMX)
Power Modes	High | Normal | Eco
Setting and addressing	
Creative Light 1	OLED Display with 4 buttons
Creative Light 1 Plus	OLED Display with 4 buttons | LumenRadio CRMX (DMX)
Others	GLP iQ.Mesh | Stand Alone 1 captured Scene | IR Sensor for Remote Control | 2 Layer Pattern-FX-Engine | 40 dynamic Pattern Macros | Sound2Light via integrated microphone
Firmware Update	USB-C | iQ.Mesh

CREATIVE LIGHT APP

The Creative Light App makes it possible to access the devices, read out information, update firmware and to do fixture configurations. Groups of several devices in the network can be formed and each of these groups can be controlled individually.

To set different light scenes, general brightness and intensity effects, fixed colors and dynamic color loops can be created. Building on this, a second layer can be called up with a preprogrammed effect pattern, the brightness and color can be adjusted and pattern layer intensity effects can be added.

Available on the App Store

ANDROID APP ON Google Play

APP SYSTEM REQUIREMENTS

Bluetooth Version	min. 4.2
Operating System Android iOS	 min. 5.1 Lollipop min. iOS 8
Screen Resolution	min. 480 x 480 Pixel
RAM	min. 1 GB
Free Storage Android iOS	 min. 50 MB min. 80 MB

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THE KNV SYSTEM – FOR COUNTLESS DESIGNS

The KNV system from GLP brings a whole new dynamic to entertainment lighting, groundbreaking in both design and functionality. The four variants, the KNV Cube, the KNV Arc, along with the smaller KNV Line and KNV Dot, work as independent units or combine seamlessly together. In combination they provide a whole new level of versatility and freedom in design, all in an outdoor rated housing, allowing them to be used on a multitude of events and occasions.

A truly multi-functional fixture, the KNV system is equally happy being used as a pixel mapped surface, strobe, blinder, washlight, or scenic element.

KNV SYSTEM – TECHNICAL DATA

LIGHT SOURCE

Power Pixel	1 x 30 W Hyper White 16 x 0.25 W RGB LED
Power Pixel Count	
KNV Cube & Arc	25 (5x5)
KNV Line	5
KNV Dot	1

CONTROL & PROGRAMMING

Control Modes	Normal | Compressed | Pixel-Mapping | Multilayer
Protocols	DMX (USITT DMX512) | Art-Net
Setting and addressing	backlit graphic LCD | self charging buffer battery | backlit buttons

CONNECTIONS

Power connections	Neutrik powerCON True1 In/Out
Signal connections	Neutrik etherCON In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz

THERMAL SPECIFICATIONS

Cooling type	temperature conrolled
Max. ambient temperature	40 °C / 104 °F
Overheating protection	automatic

INSTALLATION

Mounting	combined hanging / floorstand yoke | KNV Module Connector
Orientation	any

SHIPPING

Single fixture	Cardboard
Tourpack	
KNV Cube	6-way
KNV Arc	4-way
KNV Line	10-way
KNV Dot	25-way

CONSTRUCTION

Housing color	Black
Protection Rating	IP 54

DIMENSIONS & WEIGHT KNV CUBE & ARC

Height	250 mm / 9.8 in
Widht	250 mm / 9.8 in
Depth	250 mm / 9.8 in
Weight netto	9.3 kg / 20.5 lbs

KNV LINE

Height	165 mm / 6.5 in
Widht	250 mm / 9.9 in
Depth	50 mm / 1.97 in
Weight netto	2 kg / 4.4 lbs

KNV DOT

Height	78 mm / 3.1 in
Widht	98 mm / 3.9 in
Depth	98 mm / 3.9 in
Weight netto	0.7 kg / 1.54 lbs

ARTICLE NUMBERS

KNV Cube	7780C
KNV Arc	7780A
KNV Line	7780L
KNV Dot	7780D

to product overview

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to product page

KNV PSU RIGGING – TECHNICAL DATA

CONTROL & PROGRAMMING

Compatible with	up to 5x KNV Line up to 25x KNV Dot
DMX Channels	10 | 23 | 40 | 86 | 35 | 102 | 202 | 116
Control Modes	6
Control Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | Art-Net | sACN
High-Res Kanäle	Dimmer | Layer-Master | RGBW Channels
Fan Modes	Regulated | High | Medium | Low
Setting and addressing	backlit graphic LCD | self charging buffer battery | backlit buttons | Stand Alone 1 captured Scene
Others	3 FX-Layer | Output Limitation | Pixel Rotation and Mirror
Firmware Update	DMX Link via Dprog

CONNECTIONS

Power connection	Neutrik powerCON True1 In/Out | 5x Power-Data Cable ODS 6 PIN Out
Signal connection	DMX 5pin In/Out | etherCON In/Out (fail-safe) | 5x Power-Data Cable ODS 6 PIN out

ELECTRICAL SPECIFICATIONS

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

THERMAL SPECIFICATIONS

Cooling Type	combined convection and forced air
Max. ambient temperature	45 °C / 115 °F
Min. ambient temperature	5 °C / 40 °F

INSTALLATION

Mounting	2x 13 mm installation hole | M10 screw thread | 2x 89 mm Camlock for Omega Bracket
Orientation	Any
Location	Indoor permanent

CONSTRUCTION

Housing color	Black
Housing material	Aluminum
Protection Rating	IP 54

DIMENSIONS & WEIGHT

Height	120.5 mm / 4.74 in
Width	314 mm / 12.36 in
Depth	167.5 mm / 6.59 in
Weight netto	6.82 kg / 15.04 lbs

ARTICLE NUMBERS

KNV PSU Rigging	7780P

KNV SYSTEM ACCESSORIES

to product page

ARTICLE NUMBERS

GLP Slide Connector (Dot)	767004
F31 semicircle, Ø 1,000 mm, 180°	778001
KNV Modul Connector (Cube & Arc)	778010
KNV Cube Floor Stand Bracket	778011
KNV Installation Bracket (Cube & Arc)	778012
KNV Rigging Connector	778016
KNV Connector-Plate CA (Cube & Arc)	778018
KNV Connector-Plate CC (Cube)	778019
KNV Connector-Plate Multi (Cube & Arc)	778020
KNV Dot Bracket	778022
KNV Installation Bracket Line	778023
KNV Connector Plate Line	778025

FRONT DIFFUSERS

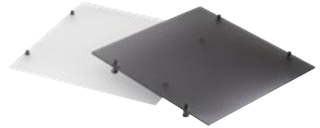
KNV Cube Front Diffuser white	778050
KNV Cube Front Diffuser dark	778051
KNV Arc Front Diffuser white	778052
KNV Arc Front Diffuser dark	778053
KNV Dot Front Diffuser dark	778054
KNV Dot Front Diffuser white	778055
KNV Line Front Diffuser dark	778056
KNV Line Front Diffuser white	778057

KNV Cube Floor Stand Bracket

Slide Connector

KNV Dot Bracket

KNV Cube Front Diffusers



KNV Installation Bracket Line

KNV Arc Front Diffusers

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SPORTS LIGHTING

ARENALED **92**

 Photo: Manfred H. Vogel | Lighting design: PRG Deutschland

ArenaLED1 Touring & ArenaLED3

WITH THE RIGHT LIGHTING TO THE HOME STRETCH!

The ArenaLED lighting systems offer solutions for professional sports and event venues, as well as for any kind of large-scale events that require dynamically innovative lighting for unforgettable visitor experiences. In addition to the prescribed conventional basic lighting, dynamic and color dynamic sceneries can be integrated at any time.

The core of the ArenaLED systems consists of an extremely efficient clusterable luminaire unit with high light generation efficiency.

The three heads within the ArenaLED3 can be individually aligned to the lighting requirements. The modules are available as two mounting types (Type A and Type B).

The ArenaLED1 Touring version has a single light head, an integrated power supply and DMX connection. The ArneaLED1 Touring bracket enables easy alignment of the light head.

The fixtures can be controlled in terms of intensity and light color (color version) via DMX. This means that brightness and light scenes can be easily adjusted.

 Photo: Manfred H. Vogel | Lighting design: PRG Deutschland

ARENA LED1 TOURING & ARENA LED3 – TECHNICAL DATA

to product page ArenaLED1 Touring
to product page ArenaLED3

	ARENALED1 TOURING		ARENALED3	
	WHITE	COLOR	WHITE	COLOR
LIGHT SOURCE				
Type	6W LED 5,700 K	RGB(L) LED	6W LED 5,700 K	RGB(L) LED
Count	36	9	108	27
Power	220 W	200 W	660 W	600 W
Lifetime	50,000 h			
LED Refresh Rate	Adjustable, UHD Safe PWM			
OPTICAL SYSTEM				
Output	22,900 lm	14,300 lm	68,700 lm	26,700 lm
CONTROL & PROGRAMMING				
DMX Channels	5 | 5		5 | 8	
Control Modes	Normal | Advanced			
Control Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)			
Intensity Dimming	10 – 100%			
Setting and addressing	RDM			
Firmware Update	DMX Link via Dprog			
ELECTRICAL SPECIFICATIONS				
Power input	180 – 305 VAC / 50 – 60 Hz			
Power supply unit	Auto-ranging electronic switch-mode			
Max. Power	220 W	200 W	660 W	600 W
THERMAL SPECIFICATIONS				
Cooling type	convection cooling			
Temperature range	-40 °C to 50 °C / -40 °F to 122 °F			
Total heat dissipation	750 BTU/h		2,255 BTU/h	
INSTALLATION				
Mounting	Installation Bracket		Installation Bracket eyelets for ceiling hanging cluster system for light-array Type A: optional tiltable Installation Bracket	
Orientation	any			
Location	Indoor permanent | Outdoor temporary			

	ARENALED1 TOURING		ARENALED3	
	WHITE	COLOR	WHITE	COLOR
CONSTRUCTION				
Housing color	grey (similar RAL 7035)			
Housing material	Aluminum | Steel Metal Plates			
Protection Rating	IP 65			
Construction Features	Head can be 90° installed		Head can be 90° installed +/-30° pan adjusting of single heads +/-25° tilt adjusting of units 50° tilt adjusting of whole construction	
DIMENSIONS & WEIGHT				
Height	without bracket: 208.6 mm / 8.21 in with bracket: 280.3 mm / 11.03 in		Type A: 407.5 mm / 16 in Type B: 95 mm / 3.74 in	
Width	without bracket: 208.6 mm / 8.21 in with bracket: 266.2 mm / 10.48 in		Type A: 772 mm / 30.4 in Type B: 794 mm / 31.26 in	
Depth	200 mm / 7.87 in		Type A: 174 mm / 6.85 in Type B: 220 mm / 8.7 in	
Weight netto	7.5 kg / 16.5 lbs	8.5 kg / 18.7 lbs	Type A: 17 kg / 374.8 lbs Type B: 7.6 kg / 167.6 lbs	

ArenaLED1 Touring

ArenaLED3

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Stage Effect
FORCE 120

MAY THE FORCE BE WITH YOU!

Practical and useable in many applications, the Force 120 features a high speed, variable direction fan unit with internal RGB LED lighting. It incorporates a high torque motor technology for fast movement and quick speed changes.

Coupled with internal lighting, this unit is multi-use for dramatic effects, a fun addition as a unique scenic element, or just being used to move air in a rugged versatile housing. The Force 120 measures 140 cm / 4.5 feet square. The large diameter variable speed fan, which can run at speeds as low as 30 rpm right up to 750 rpm, is designed to create stunning scenic effects, or be used as a great air mover. Internally, it features bands of LED tape which light the actual fan blades and can be controlled with differing levels of density, allowing multi-color projection onto the blades, or alternatively to turn them into a single striking element.

The Force 120 has an auto sensing power input, a sturdy construction, built in transport wheels and multiple rigging points, and secondary safety attachment points.

FORCE 120 – TECHNICAL DATA

to product page

FAN EFFECT

Max. Fan Speed	750 turns/minute
Min. Fan Speed	30 turns/minute

HARDWARE

Multiple rigging points
Safety attachement points
Easy to transport with built in wheels and multiple handles
Rugged construction

CONTROL & PROGRAMMING

Control Modes	Normal, Extended
Display	Backlit graphic LCD
Control Protocol	DMX (USITT DMX512)

CONNECTORS

Signal connection	XLR 5-Pin In/Out
Power connection	Neutrik powerCON

OPERATING CONDITIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power (@ 230 V)	1,000 W
EEC	B
EEI	0.663
Ec (kWh/1,000h)	920

INSTALLATION

Standing	Floor mounting
Rigging	4 foldout eyelets
Safety wire attachment	2 eyelets, foldout eyelets

SHIPPING

Single fixture	wooden crate

HOUSING COLORS

Standard color	Black

DIMENSIONS & WEIGHT

Fan diameter	120 cm / 27.2 in
Depth	40 cm / 15.7 in
Width	140 cm / 55 in
Height	145 cm / 57 in
Weight	94 kg / 207 lbs

ARTICLE NUMBERS

Force 120	7695

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to product overview

CASES

For the best protection of your equipment, GLP offers a suitable transport case for all our products. The original GLP cases are „made in Germany“ and feature heavy duty wheels, can be stacked, have a robust design and offer sufficient storage space for optional accessories.

Case for impression X5 Compact

Case for impression X5 Bar

POWER DISTRIBUTION

to product overview

POWER DISTRIBUTION PDP

PRODUCT	DESCRIPTION	ART. NO.
PDP-1	In: CEE 32 A, 2U, Out front: 1x CEE socket 32 A, 1x SCHUKO® 16 A, back: 6x SCHUKO® 16 A	6501
PDP-1S	RCBO Version of PDP-1, 6x RCBO	6502S
PDP-2/16	In: CEE 16 A, 2U, Out front: 1x CEE socket 16 A, 3x SCHUKO® 16 A, back: 6x SCHUKO® 16 A	6506
PDP-2S	RCBO Version of PDP-2, 3x RCBO	6507S
PDP-3/DFI63-16	In: CEE 63 A, 3U, Out back: 4x CEE socket 16 A, 12x C16A (pos.2)	6526

POWER DISTRIBUTION PDB

PRODUCT	DESCRIPTION	ART. NO.
PDB-6	In: CEE 16 A, Out front/back: 6x SCHUKO® 16 A, 1x CEE 16 A Socket	6502
PDB-7	In: CEE 16 A, Out front/back: 12x powerCON, 1x CEE 16 A Socket	6503

POWER DISTRIBUTION CASE PDS

PRODUCT	DESCRIPTION	ART. NO.
Case PDS-16	Waterproof Case (IP44), In: 1x CEE 16 A | Out: 6x SCHUKO®	6517
Case PDS-16-S	Waterproof Case (IP44), In: 1x CEE 16 A | Out: 6x SCHUKO®, 3x RCBO	6518
Case PDS-32	Waterproof Case (IP44), In: 1x CEE 32 A | Out: 6x SCHUKO®	6527
Case PDS-32-S	Waterproof Case (IP44), In: 1x CEE 32 A | Out: 6x SCHUKO®, 6x RCBO	6528

PDP 1 and PDP 1S

PDP 2/16 and PDP 2S

PDP-3/DFI63-16

PDB-7

PDS-16 and PDS-16-S

PDS-32 and PDS-32-S

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RAIN PROTECTION – AIR DOMES

to product overview

The GLP impression Air Domes provide a secure enclosure for fixtures that need to be protected from the environment in an IP 54 package that is fast and easy to set up and remove.

With three sizes available, even small fixtures can remain unobtrusive, yet safely protected from rain, snow and other outdoor elements.

Auto sensing power input along with both 3 pin and 5 pin XLR data connectors allow the Air Domes to be used with a wide variety of fixtures on the market, and around the world.

Standard features on all Air Dome models include sensor controls to monitor air pressure inside the dome, with easily visible warning LEDs, holders for ground anchors, separate power controls for the fixture and the fan, along with 4 selectable fan speeds.

Each Air Dome can be floor mounted or hung down from a truss, and features safety wire points.

GLP Air Domes come complete with clear protective covers in respective sizes which attach quickly via a solid, reusable hook and loop system that requires no tools to setup, and allows the unit to take up very little space when being transported or stored.

AIR DOMES

PRODUCT	DESCRIPTION	ART. NO.
Air Dome 400	Ø 400 mm, height: 460 mm, for impression X4, X4 S, small and medium fixtures; outdoor use, incl. Rain Cover	71704
Air Dome 600 Basic	Ø 600 mm, height: 800 mm, for impression XL, X4 L, S350, JDC1 and GT-1 FL; outdoor use, incl. Rain Cover	71726
Air Dome 850 Basic	Ø 850 mm, height: 1,100 mm, for large fixtures and Air Cones; outdoor use, incl. Rain Cover	71727
Air Dome 850 Basic PLUS	Ø 850 mm, height: 1,100 mm, for large fixtures and Air Cones; outdoor use, incl. Rain Cover, higher air pressure	71728

Air Dome 400

Air Dome 600 Basic

Air Dome 850 Basic

RAIN PROTECTION – RAIN COVER KITS

to product overview

All Rain Cover Kits consist of the cover base and a cover in the sizes S, M, L or XL. They are open at the bottom and therefore also provide rain protection for powerful discharge lamps that would destroy a closed air dome. Depending on the version, the bases have different usable diameters and a maximum payload of 85 kg. The covers are also available in the shape of a truncated cone.

RAIN COVER 400

PRODUCT	DESCRIPTION	ART. NO.
Rain Cover 400 S	Ø 400 mm, length: 300 mm	7172042
Rain Cover 400 M	Ø 400 mm, length: 450 mm	7172043
Rain Cover 400 L	Ø 400 mm, length: 600 mm	7172044
Rain Cover 400 XL	Ø 400 mm, length: 750 mm	7172045
Rain Cover 400T M	Truncated: Ø 400 mm (base) to 680 mm (end), length: 450 mm	7172043T
Rain Cover 400T L	Truncated: Ø 400 mm (base) to 772 mm (end), length: 600 mm	7172044T

RAIN COVER 600

PRODUCT	DESCRIPTION	ART. NO.
Rain Cover 600 S	Ø 600 mm, length: 300 mm	7172062
Rain Cover 600 M	Ø 600 mm, length: 450 mm	7172063
Rain Cover 600 L	Ø 600 mm, length: 600 mm	7172064
Rain Cover 600 XL	Ø 600 mm, length: 750 mm	7172065
Rain Cover 600T M	Truncated: Ø 600 mm (base) to 890 mm (end), length: 450 mm	7172063T
Rain Cover 600T L	Truncated: Ø 600 mm (base) to 960 mm (end), length: 600 mm	7172064T

RAIN COVER 500 SQUARE

PRODUCT	DESCRIPTION	ART. NO.
Rain Cover 500 Square S	500 x 500 mm, length: 300 mm	71725101
Rain Cover 500 Square M	500 x 500 mm, length: 450 mm	71725102
Rain Cover 500 Square L	500 x 500 mm, length: 600 mm	71725103
Rain Cover 500 Square XL	500 x 500 mm, length: 750 mm	71725104
Rain Cover 500 Square T8	Truncated: 500 x 500 mm (base) to 552 x 552 mm (end), length: 750 mm	71725105
Rain Cover 500 Square T15	Truncated: 500 x 500 mm (base) to 654 x 654 mm (end), length: 750 mm	71725106

RAIN COVER BASES

PRODUCT	DESCRIPTION	ART. NO.
Rain Cover Base 400 Black	for small and medium fixtures (base less than Ø 400 mm), color: black	7173041
Rain Cover Base 600 Black	for medium and large fixtures (base less than Ø 600 mm), color: black	7173061
Rain Cover Base 500 Square Black	for small, medium and large fixtures (base less than 500x500 mm), color: black	71725001

Rain Cover 400 M

Rain Cover 400T M

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IQ.TOOL & IQ.TOOL PRO

The new GLP iQ.Tool is a compact, battery-powered service tool designed for the maintenance and configuration of DMX/RDM-compatible devices. The iQ.Tools simplify daily work with lighting systems through a range of smart features that can be controlled via an intuitive mobile app.

The GLP iQ.Tool stands out with its universal compatibility, working seamlessly with most DMX/RDM devices on the market. With Bluetooth Low Energy (BLE 4.2), the tool connects effortlessly to mobile devices. Its compact design, complemented by a robust protective case and a practical belt clip, ensures easy and secure handling in everyday use.

The also available GLP iQ.Tool Pro features a spectral light sensor.

TECHNICAL DATA

to product page iQ.Tool

to product page iQ.Tool Pro

DETAILS

Battery type	Lithium Polymer 700 mAh
Control	Wireless: Bluetooth Low Energy (V4.2), 2.4 GHz
Dimensions	30 x 30 x 104 mm / 11.8 x 11.8 x 41.9 in
Weight	73 g / 33.1 lbs

CONSTRUCTION

Protection Rating	IP20
Construction Feature Pro Version	spectral light sensor

ELECTRICAL SPECIFICATIONS

Power Input	5 V DC

INSTALLATION

Location	Indoor permanent

ARTICLE NUMBERS

iQ.Tool	95201
iQ.Tool Pro	95202

iQ.Tool

iQ.Tool Pro
(with spectral light sensor)

GLP APPS & SOFTWARE

IQ.SERVICE APP

Service App for GLP Products. Maintain, update and analyse fixtures via Bluetooth, DMX and NFC.

Requires .NET Desktop Runtime.

Get it from Microsoft

Available on the App Store

ANDROID APP ON Google Play

IQ.CONTROL APP

The GLP iQ.Control App empowers users to effortlessly control their fixtures and generate impactful lighting effects. Additionally, you have the capability to mange and update your fixtures.

Get it from Microsoft

Available on the App Store

ANDROID APP ON Google Play

DOP CONVERTER

With the new DoP Converter (DMX over Powerline), GLP is offering a unique system that can transmit up to 10 DMX universes via a single power cable.

DoP can be used wherever DMX data is to be transmitted, but where laying separate DMX lines is either not possible or not economical. GLP is thus providing a sensible alternative to standard wireless connections (WDMX, CRMX, etc.) that are sometimes susceptible to interference, when each requires a transmitter and receiver, and can be subject to limitations of the locally available radio network.

GLP's DoP is therefore particularly suitable for integration into existing infrastructure within the entire architectural lighting sector, especially in historic buildings, with existing power rail systems (e.g. museums, galleries, hotels, restaurants and retail) as well as in the lighting of public spaces.

The GLP DoP Converter is available in two different versions, each with three DMX outputs.

GLP DoP Converter DINrail

GLP PLC Filter DINrail

GLP DoP Converter UM Standard

GLP DoP Converter UM Wallmount (with optional wall mount accessory)

ARTICLE NUMBERS

GLP DOP CONVERTER DINRAIL PRODUCT	INFO	ART. NO.
GLP DoP Converter TX512/RX24 DINrail	transmits 512, receives 24	78161
GLP DoP Converter TX512/RX128 DINrail	transmits 512, receives 128	78171
GLP DoP Converter TX512/RX512 DINrail	transmits 512, receives 512	78181
GLP PLC Filter DINrail	only compatible with DoP Converter DINrail	78169

GLP DOP CONVERTER UM PRODUCT	INFO	ART. NO.
GLP DoP Converter TX512/RX24 UM	transmits 512, receives 24	78162
GLP DoP Converter TX512/RX128 UM	transmits 512, receives 128	78172
GLP DoP Converter TX512/RX512 UM	transmits 512, receives 512	78182
Wallmount holder set for DoP Converter UM		358019

DOP CONVERTER – TECHNICAL DATA

to product overview

DOP CONVERTER DINRAIL INSTALLATION

Mounting	DIN EN 50222 rail mounting, 35 mm
Orientation	Any
Location	dry location only

CONNECTIONS

Power connection	Metz-Connect PT116xxHBBN 2-pole
Signal connection	Metz-Connect PR043xxHBBN 3-pole

DIMENSIONS

Height	111 mm / 4.37 in
Width	26 mm / 1.023 in
Depth	75 mm / 2.95 in

PLC FILTER DINRAIL ELECTRICAL SPECIFICATIONS

Power input	max. 275 V / 50 – 60 Hz
Power True	max. 275 V / 50 – 60 Hz
Max. Power Consumption	min. 500 µA
Max. Power True	max. 16 A
Blocking Frequency Range	3 – 32 MHz

INSTALLATION

Mounting type	Distribution board
DINrail	35 mm / 1.38 in
Others	no PE connection

CONSTRUCTION

Protection Rating	IP 20
Housing Width	36 mm / 1.41 in

DOP CONVERTER UM INSTALLATION

Mounting	Desktop or surface mounting
Orientation	Any
Location	dry location only

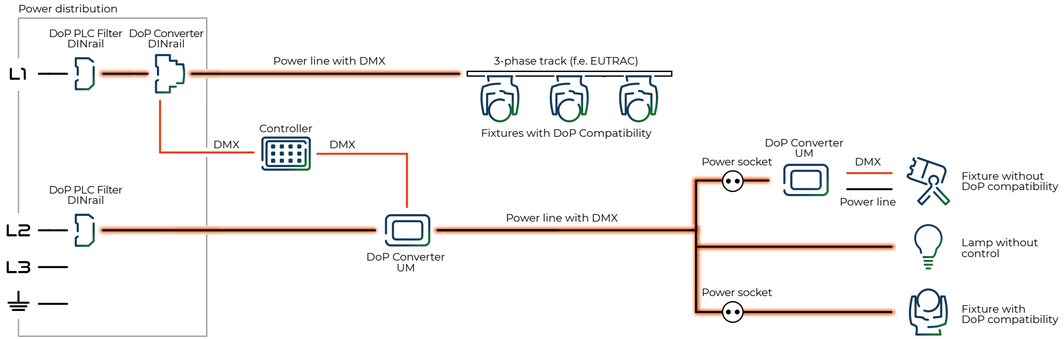
CONNECTIONS

Power & signal	Metz-Connect PT116xxHBBN 2-pole

DIMENSIONS

Height	47 mm / 1.85 in
Width	87 mm / 3.43 in
Depth	125 mm / 4.92 in

INSTALLATION OVERVIEW



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Cover Lighting design: Johannes Münsch

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