

IMPRESSION X5 COMPACT



Key Facts

- individual pixel control, circular aperture and circular ring and line arrangement
- super fast 540° or 650° extended Pan Range
- super fast zoom for punchy 3.5° narrow beam to 66° homogen wide wash

Technical Data (1/2)

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 aperture, diameter 1580 mm / 6.22 in |
|---------------|--|

DYNAMIC EFFECTS

| | |
|---------------------|---|
| Color mixing | RGB RGBL x,y |
| CTC | 2,500 – 10,000 K |
| CQC | High Output (HO) High Quality (HQ) Desaturation |
| Color wheel | virtual, 64 LEE referenced colors |
| Magenta/Green-Shift | yes |
| Tungsten Simulation | 8x linked to fix CCT 8x relative to Colormix |
| Pattern Effects | 50 dynamic pattern macros with special effects |
| Color Mix Priority | different Layer Priority settings |
| Zoom | 3.5° – 60° |
| Zoom Speed | super fast zoom mechanics |
| Dimmer | 0 – 100 %, 16 bit |
| Shutter | variable speed, with effects |

MOVEMENT

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|-----|------------------------------------|
| Pan | 540° normal, 650° extended, 16 bit |
|-----|------------------------------------|

Technical Data (2/2)

| | |
|---------------------------|------------------------------|
| Tilt | 236°, 16 bit |
| Pan / Tilt Movement Speed | Super Fast Pan/Tilt Movement |

CONTROL & PROGRAMMING

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|------------------------|---|
| 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

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

| | |
|------------|-------|
| Max. Power | 350 W |
|------------|-------|

THERMAL SPECIFICATIONS

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|------------------------------|--------------------------------------|
| 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

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|-------------|---|
| 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

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|-----------------------|--|
| 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

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|----------------|---------------|
| Single fixture | Carboard |
| Tourpack | 4-way 6-way |

DIMENSIONS & WEIGHT

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|----------------------|-------------------|
| 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 |