

impression[®] S500



Key Facts

- HC Version: 10,700 lm
- HO Version: 14,800 lm
- CRI 90
- 40° to 7.5° Zoom range
- 540° or 565° extended Pan

HIGH-OUTPUT LIGHT QUALITY FEATURE PACKAGE

The new GLP impression S500 Series lifts the well known 350W-Movinghead to 500 W LED power and 30% to 65% more output. Compact construction with the identical S350-size factor and the GLP typical baseless design allows an easy fixture integration.

The impression S500 Profile HC offers the well-loved great light quality, natural color rendering and homogenous field illumination with the same smart feature package and low noise operation. That makes the fixture perfect for noise sensitive professional applications such as TV studios, theatre and musical shows.

For applications where more output is needed, the impression S500 Profile is also available as High Output (HO) Version. The more efficient 7,000 K LED Engine gives 65% more output for intensive MidAir and projection performance.

Thanks to smart development based on an existing construction platform, the impression S500 Series can be offered very price attractive for quickest ROI.

Technical Data (1/2)

LIGHT SOURCE

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

OPTICAL SYSTEM

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

Technical Data (2/2)

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 / 40 °F – 115 °F |
| Thermal Protection | Overheating protection |
| Total heat dissipation | 2,100 BTU/hr |

INSTALLATION

| | |
|-------------|-------------------|
| Orientation | Any |
| Location | dry location only |

CONSTRUCTION

| | |
|-----------------------|--|
| Housing color | Black Special colors on request |
| Housing material | High-impact flame-resistant thermoplastic Aluminum Steel |
| Protection Rating | IP20 |
| Construction Features | baseless design Tilt-Lock-System backlit graphic LCD |

SHIPPING

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

DIMENSIONS & WEIGHT

| | |
|----------------------|------------------|
| Height Head vertical | 642 mm / 25.3 in |
| Depth | 471 mm / 18.5 in |
| Weight netto | 26 kg / 57.4 lbs |