

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 500W 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	600 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