

S500 WASH HC



Key Facts

- Output up to 13,100 lm
- CRI 90+
- 65° to 7° Zoom range
- 540° or 565° extended Pan

MORE OUTPUT AT SAME WELL LOVED LIGHT QUALITY

The new GLP impression S500 Series lifts the well-known 350W movinghead impression S350 to 500 W LED power and 30% more output. In addition, the optics, software and all connections and controls have been updated to the latest technology. Compact construction, the identical S350 size factor and GLP's baseless design allow for an easy fixture integration.

The impression S500 Wash comes with a high quality spectrum LED Engine and targets specific needs of applications where light quality and advanced wash light distribution is needed. The white LED Engine with 26,000 lm at native 6,000 K generates a very balanced light spectrum for great color rendering of CRI and TLCI above 90.

The 185mm fresnel lense offers a very homogenous illumination in the range of 7° Beam to 65° field angle. The vast feature package houses a CMY color mixing system, an innovative CTC color control system, a color wheel with 6 full colors and 4 color correction filters, an motorised Iris, a precise 4-blade framing system with blade tilt and framing rotation and motorized 540°/565° pan and 256° tilt movement.

The IP20 compact housing only weighs 26,6 kg (58.6 lbs.) and allows low-noise operation, making the fixtures perfect for noise sensitive professional applications such as TV studios, theatres and musicals.

Technical Data (1/2)

LIGHT SOURCE

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| Type | White Light LED Engine High CR Spectrum |
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|-------|-------|
| Power | 500 W |
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| Count | 1 |
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| Lifetime | 20,000 h |
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| Total Output | 26,000 lm |
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| CCT | 6,000 K |
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| CRI | 95+ |
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| TLCI | 95+ |
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| TM-30-15 Rf/Rg | 100 / 92 |
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OPTICAL SYSTEM

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| Output | up to 13,100 lm |
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| Min. Zoom | 7° |
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| Max. Zoom | 65° |
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| Zoom ratio | 1:6 |
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| Output Lens Diameter | 185 mm / 7.3 in |
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Technical Data (2/2)

DYNAMIC EFFECTS

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| 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

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

CONTROL & PROGRAMMING

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

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|-------------------|--|
| Power connection | Neutrik powerCON TRUE1 In/Out |
| Signal connection | Neutrik XLR 5-Pin In/Out 2x Neutrik etherCON port (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 | 750 W |

THERMAL SPECIFICATIONS

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

INSTALLATION

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

CONSTRUCTION

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

SHIPPING

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| Single fixture | Cartboard |
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DIMENSIONS & WEIGHT

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