

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 500W 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 lens offers a very homogenous illumination in the range of 6,9° Beam to 40° 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

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

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