

# S500 S500

PROFILE HC PROFILE HO



## 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 impression S350 to 500W LED power and 30% to 65% 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 Profile comes in two versions (Profile HC and Profile HO) and targets specific needs of different markets.

The S500 Profile HC Version houses a white LED Engine with 26,000 lm at native 6,000 K and generates a very balanced light spectrum for great color rendering of CRI and TLCI above 90. Its great light quality guarantees natural and realistic skin colors and a total lumen output of 10,700 lm.

The Profile HO Version houses a white LED Engine with 40,000 lm at native 7,000 K. This highly efficient light source generates more output for powerful projections and mid-air effects with a total lumen output of 14,800 lm.

Both versions share a very homogenous field illumination in the range of 7.5° 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, a gobo wheel with 7 rotating gobos plus open, a second gobo wheel with 10 static gobos plus open, a 90° adjustable animation wheel, a fadeable frost system from soft to medium, a precise 4-blade framing system with blade tilt and framing rotation, a rotating 8-facet prism and motorized 540°/565° pan and 256° tilt movement.

## 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                  |                        |
| S500 Profile HC      | 90+                    |
| S500 Profile HO      | 70                     |
| 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°             |
| Zoom ratio           | 1:6             |
| 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 / 45 °F – 115 °F |
| Thermal Protection       | Overheating protection        |
| Total heat dissipation   | 2,600 BTU/hr                  |

## INSTALLATION

|             |                   |
|-------------|-------------------|
| Orientation | Any               |
| 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  |
| Tourpack inclusive | 2-way   Flightcase<br>Omega Brackets with handle |

## DIMENSIONS & WEIGHT

|                       |                    |
|-----------------------|--------------------|
| Height without tripod | 651 mm / 25.6 in   |
| Height with tripod    | 676 mm / 26.6 in   |
| Width                 | 472 mm / 18.5 in   |
| Depth                 | 230 mm / 9 in      |
| Weight netto          | 26.9 kg / 57.4 lbs |

## ARTICLE NUMBERS

|                 |      |
|-----------------|------|
| S500 Profile HC | 7950 |
| S500 Profile HO | 7955 |