



THE IMPRESSION SPOT ONE & IMPRESSION WASH ONE BOTH FEATURES...



**OPTICAL SYSTEM**  
Motorized Zoom: 6° – 60°  
with 18 cm Fresnel lens

**UNIQUE BEAM SHAPE EFFECT**

**SPECIAL 3° NARROW BEAM MODE**

**3 PHASE STEPPER MOTORS**

**DMX & OPTIONAL ARTNET IN/OUT**

**LIGHT SOURCE**  
400 Watt RGB LED Chipset  
Average service life:  
20 000 hours

**OPTICAL SYSTEM**  
Full red green and blue  
additive color mixing system

**ELECTROMECHANICAL EFFECTS**  
Dimmer: Electronic  
dimmer 0-100%  
Shutter: Electronic  
high-speed shutter 0-10Hz

**MOVEMENT**  
8 or 16 bit resolution  
selectable  
540° Pan / 280° Tilt  
Position feedback:  
High precision 3 phase  
stepper motor control

**CONTROL**  
USITT DMX 512 protocol  
Optional ArtNet

**spot one:**  
24 DMX channel: normal mode  
31 DMX channel: high resolution mode  
**wash one:**  
18 DMX channel: normal mode  
24 DMX channel: high resolution mode  
Backlit graphic LCD menu  
with 2 illuminated buttons  
Over temperature protection  
Internal color presets

**POWER SUPPLY**  
Power consumption:  
Max. 550VA (Watt)  
Power Input: Auto sensing  
100-240V AC 50-60 Hz  
Fuse protection

**CONNECTORS**  
DMX Data: XLR 3 pin in/out  
DMX Data: XLR 5 pin in/out  
Optional ArtNet  
Mains power: Neutrik Powercon

**OPERATING CONDITIONS**  
Maximum ambient temperature:  
45°C / 113°F

**MOUNTING OPTIONS**  
Omega bracket attachment  
2 attachment points  
for safety wire  
Upright: tripod (supplied) with  
brackets for ratchet belt  
Hanging (vertical): M10  
nut with lockable installation  
position for half coupler or other clamp  
Hanging (horizontal):  
adjustable bar for  
sideways truss  
installation (optional)  
Any orientation

**SHIPPING**  
Cardboard Box  
2 way tourpack  
(complete with half couplers  
with handle) in flight case

**HOUSING COLORS**  
Black available as standard  
Other colors available  
on request

**DIMENSIONS**  
Length x Width x Height  
(head vertical):  
472 x 229 x 618 mm /  
18.6 x 9 x 24.3 inches

**NET WEIGHT**  
Weight: 22 kg / 48.5 lbs.



Key benefits for owners

Significantly lower handling and service costs · No starters · No expensive ballast · No cost for discharge lamps  
No fragile dichroic colors · No broken reflectors · Tight LED binning for identical fixture performance · RDM feedback with  
service information · More than 20,000 hours lifetime · Auto ranging power supply with low current draw · On-board  
diagnostic testing · Designed and built by a proven moving head manufacturer



Spot are & Wash are  
...the dynamic duo!

impression &  
series



## impression Spot One & impression Wash One – the Dynamic Duo

The impression Spot One & impression Wash One fixtures represent a breakthrough in LED technology for today's entertainment lighting market. Whilst soft edge wash-light fixtures such as the original impression from GLP, have been around for a few years, the tricky task has been to create a high output performance spot & wash fixture to match. The impression Spot One & impression Wash One, from GLP, are the first fixtures of their kind to be released to the global market.

Harnessing the output of enough LED sources and being able to run it through the optical system of a spot and wash fixture to create an even beam for color mixing, and achieve a focusable area for gobo projections, has been a fixture that lighting designers around the world have been asking for ever since LED became a viable source for entertainment lighting. The impression Spot One's & impression Wash One's design harnesses that raw power in an optical system that gives them leading edge performance. A designers' wish come true.

The impression Spot One & impression Wash One feature RGB LED engines with 8 or 16 bit control over each color allowing for incredibly delicate color changes or instantaneous color bumps. The spectrum they achieve has been calibrated to be as wide as possible from soft pastel colors to deep saturated shades – and everything in between.

The color field also remains even across the entire beam, no matter the size or sharpness of focus. The electronic

control of the LED engine allows full and smooth dimming over the entire range along with fast solid state intensity snaps and variable speed strobe rates of between 1 and 10 flashes per second.

But the wonder doesn't stop at the LED source as the impression Spot One & impression Wash One incorporate the latest technology for performance, maintenance and long term operation. They have been designed for operation in noise sensitive environments and will be perfectly at home on a balcony rail in a Broadway theatre as they will in a busy TV studio environment, or touring the world as part of a concert system.

Less is more is very much the case with the impression Spot One & impression Wash One as we have removed any kind of base unit, keeping size to a minimum – for rigging and transportation – yet still allowing the fixture to be rigged in any orientation.



OPTICAL SYSTEM  
Motorized Zoom: 10° – 32°  
Motorized Focus: 2m – infinity

ELECTROMECHANICAL EFFECTS  
Gobo wheel 1: 7 gobos + open rotating and indexable interchangeable  
Gobo wheel 2: 7 gobos + open rotating and indexable interchangeable  
Effect wheel: Rotating and indexable effect wheel different designs interchangeable  
Iris: High-speed iris 100%-4% (aperture time 0.2 sec)  
Prism: Rotating and indexable interchangeable 3-facet prism

SEPARATED LED ENGINE PREVENTS CONTAMINATION

3 PHASE STEPPER MOTORS

DMX & OPTIONAL ARTNET IN/OUT



## The impression experience - now Spot on!

The impression Spot One is indeed a fully featured spot making it an ideal design tool for today's lighting world. Beam flexibility is achieved through a fully motorized optical zoom system with a range of 10 to 32 degrees. Coupled with this is a fully motorized focus system allowing beam projections to be focussed at any range.

In terms of projection possibilities, the impression Spot One has a packed graphics engine comprising of two gobo wheels. Both wheels are fitted with 7 interchangeable gobos plus open. All of the gobos are fully rotating at various DMX controlled speeds and fully indexable with 16 bit precision.

Supplementing these is an additional effects wheel which allows an oversized gobo to be used in the beam to give animation and movement to the standard gobos at various speeds and directions. The combination of these three wheels gives endless combinations and effects that can be called upon. The soft break up of light through trees, the sensation of drifting water or the harshness of a driving winter rainstorm are all easily achievable along with many, many more.

To control beam size output, the impression Spot One features a high speed, fully variable iris allowing control over beam sizing, and for effect use. The iris has an incredibly high speed of just 0.2 seconds from fully open to closed.

Also in the optical effects section of the fixture is a variable speed and bi-directional rotating prism, giving additional effects to the output beam, whether to create additional gobo images, to add an extra dimension to effects from the graphic wheel or to expand the beam even further in its simplest form.

Being an LED based fixture we have been able to keep the weight and the size of the fixture as low as possible. Matching the impression Meisterstück in terms of its baseless yoke, the Spot One weighs just 22 kg / 48.5 lbs. For ease of use anywhere around the world, the fixture also features a fully auto sensing power supply which operates anywhere from 100-240V at 50/60 Hz.

