

SharpY Plus

CD3000

Specifications

01/2019



SHARPY PLUS is the first true 100% HYBRID unit, able to be a perfect beam light and a perfect spotlight. It is suitable for every occasion, with an extraordinary luminous efficiency which ensures substantial savings through lower power consumption. The SHARPY PLUS fits a totally new, top-ranking-performance **Osram Sirius HRI 330W X8 lamp** and weighs only 21.6 kg (47.6 lb). All its functions are extremely quick. Its body is slightly larger than the SharpY's, to house a high quality optical unit with a zoom that ranges from 3° to 36°. Its minimum beam angle of 3° makes it possible to generate the narrow parallel light beams essential for beam light mode. Its wide zoom range also allows large beam angles, which makes the SHARPY PLUS a perfect spotlight for all purposes. The SHARPY PLUS has two independent operating modes. **In BEAM mode**, the aerial effects are enhanced by the way the Sirius lamp is made. It is capable of extraordinary power output (over 300,000 lux at 10mt distance), which the optical unit enhances through a marked hot spot. **In SPOT mode**, the light is diffused in a more even way which means visual effects can be projected with excellent uniformity. Its **3° to 36° (1:9) zoom covers** the entire range **linearly**, both in spot mode and in beam mode. This feature makes the SHARPY PLUS unique on the market. The SHARPY PLUS has no match. With its wide range of effects and high light output, it beats all the lights in the same category and comes very close to those of higher wattages, but with a much more appealing price tag.

- 100% Hybrid projector
- Two modes: BEAM and SPOT
- 3°- 36° linear zoom
- 3° narrow beam angle
- Six beam reducers (down to 0.5°)
- 300,000 Lux At 10 Meters
- CMY color mixing
- 15 colors on 3 wheels
- 2 CTO filters
- Rotating Gobo Wheel: 8 interchangeable glass gobos
- Static Gobo Wheel: 18 fixed gobos
- Rotating 4-facet prism on dedicated channel
- Rotating 8-facet prism on dedicated channel
- Dynamic Animation disc
- Linear soft edge frost filter
- Dimmer and stop/strobe
- Dense, Sharp, Parallel Light Beams
- Extremely quick movements
- Excellent visual effect projections
- Wide and sharp aerial effects

POWER SUPPLIES

AC power input Neutrik PowerCON True1 (IP65)
100-240V, 50/60 Hz

INPUT POWER

540 VA @230Vac - 50Hz

LIGHT SOURCE

Source: 330W X8 HRI Sirius Osram arc lamp

MOTORS

Stepper motors, operating with micro-steps, totally microprocessor controlled

CHANNELS

31 control channels

INPUTS

DMX 512 – Art-Net

IP RATING

IP 20 - Protected against the entry of solid bodies larger than 12mm (0.47"); No protection against the entry of liquids.

SAFETY SPECIFICATIONS

Minimum distance of illuminated objects 8 meters
Minimum distance from flammable materials 0.2 meters
Max ambient temperature 40°C (104°F)
Max temperature of the external surface 90°C (194°F)
Automatic break in power supply in case of overheating
Forced ventilation with axial fans

ELECTRONICS

Long life self-charging buffer battery
Function reset from the lighting desk
"AUTOTEST" function from menu
Electronic monitoring with status error
Cooling system monitoring
DMX level monitoring on all channels
Internal data transmission diagnostics
Firmware Upgrade via Web Server
Firmware upload from another fixture
Protocols/Functions: RDM, Web Server

OPTICS

Zoom 3°- 36°, Linear and motorized

EFFECTS SECTION

Six beam reducers (down to 0.5°)
CMY color mixing
15 colors on 3 wheels
2 CTO filters
Rotating Gobo Wheel: 8 interchangeable glass gobos
Static Gobo Wheel: 18 fixed gobos
Rotating 4-facet prism on dedicated channel
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Dense, Sharp, Parallel Light Beams
Extremely quick movements
Excellent visual effect projections
Wide and sharp aerial effects

CONTROL AND PROGRAMMING

DMX 512 control channels
Control signal USITT DMX 512
Protocols RDM, WebServer and Art-Net
Display Graphic LCD backlit b/w Display
Display battery Long life self-charging buffer battery
Pan/Tilt Resolution 16 bit
Focus Resolution 16 bit
Gobo Resolution 16 bit
Dimmer Resolution 16 bit
DMX signal connection 5 pole XLR input and output
Ethernet Input
Firmware update Software upload through Ethernet input

BODY

Aluminum and steel structure with plastic covers
Two side handles for transportation
Device locking PAN and TILT mechanisms for transportation and maintenance

MOVING BODY

PAN range 540°
TILT range 270°

WORKING POSITION

Working in any position

Hanging system: with fast-lock omega clamps (1/4 turn) on the base

CE MARKING

In conformity with the European Directives:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU - Electromagnetic Compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

WEIGHT & DIMENSIONS

23.0 Kg

