Sharpy Plus Aqua

Shield Family (IP66)



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Designed in the spirit of the award-winning Sharpy Plus platform, the Sharpy Plus Aqua luminaire is an IP66-rated moving head fixture perfect for outdoor events, touring, permanent installations, cruise ships, and much more. This new fixture maintains the same performance features of its predecessor, the Sharpy Plus luminaire, in a new weather-resistant package; giving you greater flexibility in a single luminaire. When designing a weather-resistant moving light, performance and features are often sacrificed. Not with the Sharpy Plus Aqua luminaire. Claypaky addressed and enhanced the design of the Sharpy Plus Aqua in critical areas to make sure this fixture maintains the brightness, efficiency, and performance you need and expect. The cooling system was redesigned and optimized specifically for this new outdoor configuration for the Osram Sirius HRI® 330W X8 lamp currently used in the Sharpy Plus fixture. This lamp is a proven performer in its reliability, output, and being consistent in both brightness and colour temperature. Just like the Sharpy Plus, the Sharpy Plus Aqua fixture offers two distinct operating modes – beam or spot. The 3° to 36° zoom covers the entire zoom range linearly with a beam that is always perfectly sharp and uniform in either mode. The Sharpy Plus Aqua offers the same complement of prisms, rotating and static gobos, colour wheels, CMY colour mixing, and more. So, if you need to use both the Sharpy Plus and Sharpy Plus Aqua on a production, you can be assured of a consistent look and performance from these fixtures. The Sharpy Plus Aqua is also an appealing unit when you consider the value. At a price point every rental company will appreciate, you can take home a light with truly excellent performance, which you can use in a wide range of environments and entertainment venues, whether your requirements are for a beam or spot fixture, for indoor or outdoor applications.

Specifications

- **Light Source**
  Osram Sirius HRI® 330W X8 arc lamp

- **Light Output**
  12000 Lumen Output

- **Zoom range**
  3°- 36°

- **Effects**
  Linear CMY colour mixing; 15 colors on 3 wheels (2 CTO filters); 1 Static gobo wheel with 18 gobos, 6 beam reducers; 1 Rotating gobo wheel with 8 HD gobos; Linear soft edge frost filter; Animation wheel; 4 Facets prism; 8 Facets prism; Motorized Zoom and Focus; High resolution Dimmer; High speed electronic Shutter and Strobe

Light Source

Source type

330W X8 HRI Sirius Osram Arc Lamp

Colour Temperature

8000K ±300

Lamp life expectancy

1500 hrs*

*It may vary depending on various factors, as type of use and environment

Photometric Data

Zoom range

3°- 36°

Lumen output

12000

Front lens diameter

135mm

ptical system

High efficiency

Noise Level

Lamp Off

Dimmer @ 0%: 43.0 dBA

Lamp On

Dimmer @ 100%: 54.5 dBA

Control and Connections

Personalities

Single mode with 31 control channels

Integrated Wireless DMX system as standard (Wireless Solution)

Control Protocol

DMX, Art-Net, RDM, sACN

DMX and RDM connectors

Locking 5 pin XLR IN/OUT

Ethernet port

RJ45 IN

Power connector

PowerCon True1 IN

Web Server

Built In

Dynamic Effects

Colors

- Linear CMY colour mixing
- 15 colors on 3 wheels (2 CTO filters)

Gobos

- 1 Static gobo wheel with 18 gobos, 6 beam reducers (down to 0.5°)
- 1 Rotating gobo wheel with 8 HD Indexable and replaceable gobos
- Ext diam.15.9mm
- Image diam. 12mm
- Thickness 1.1mm

Frost

Linear soft edge frost filter

Rotating Effects

- Aluminum animation wheel with continuous rotation in both direction at variable speed
- 4 Facets prism with rotation in both direction at variable speed
- 8 Facets prism with rotation in both direction at variable speed

Movement

- Tilt: 270° – 16bit
- Pan: 540° – 16bit
- Accuracy: Resolution ± 0,28° (Range 0,56°)
- Automatic repositioning
- Fast/Standard speed selectable by Function channel
- Mechanical Pan/Tilt lock for safe transportation and maintenance

Beam

Motorized Zoom and Focus

Dimmer/Shutter

- Shutter and Strobe effect
- High resolution dimmer 16 bit

Hardware and

Software

- Long life self-charging battery
- Display Graphic LCD backlit b/w Display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM
- CloudIO compatibility

Housing

- Aluminum and steel structure with plastic covers
- Two side handles for transportation
- IP66 protection rate
- IK10 impact resistance rate

Working Position

- Working in any position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base pn 183102/805
- Optional safety chain

Electrical

Operating Voltage	100-240V, 50/60 Hz
Power Supply	Electronic auto range with active PFC
Max Power consumption	560VA

Thermal Specification

Max ambient temperature	40°C (104°F)
Min ambient temperature	-10°C (14°F)

	Max temperature of the external surface	90°C (194°F)
	Total heat dissipation	1128 BTU/hr ±10% / 1188 kJ/hr ±10%
Saftey Specs	**Minimum distance of illuminated objects**	8 meters (26’ 3”)
	Minimum distance from flammable materials	0.2 meters (8”)
		• Thermally protected power supply (overheating and cooling failure)
		• Forced ventilation with axial fans
Compliance	**CE Marking (in conformity to the following)**	• 2014/53/EU – Radio Equipment Directive (RED) • 2011/65/EU – Restriction of the use of certain hazardous substances (RoHS) • 2009/125/EC – EcoDesign requirements for Energy-related Products (ErP)
	UKCA: conforms to UK Regulations	• S.I. 2017 N. 1206 • S.I. 2012 N. 3032 • S.I. 2010 N. 2617
	cMETus Listed	• UL 1573:2003 • CSA C22.2 N.166:2015

Packaging

Carton box + Polystyrene

Carton box + Foam shell

Flight case + Foam shell (2 positions)

Weight - Size

Weight

37,5 Kg (82,8 lbs)

Base dimensions

336x420mm

Height with vertical head (h)

731mm with vertical head (h)

Distance between two fixtures

700mm

Accessories

Omega clamps

2x 183102/805 (included)

Power cord

CAB02B/802 (Included)

Foam shell

F21319/001 (optional)

Flight case

CF1005F (optional)

Safety Chain	105041/003 (optional)
Frost assembly 5°	371081/802 (optional)
Linear Prism assembly	371020/803 (optional)