



Sharpy X Frame

Sharpy



#CD3003

Sharpy X Frame: Changing the Frame of Lighting Design Sharpy X Frame is a groundbreaking **multifunction hybrid luminaire** that redefines what's possible in lighting. It combines cutting-edge technology, including the innovative **four-focal plane shutter system**, with the best features of the Sharpy line. This powerful fixture is housed in a **lightweight, compact design**, to meet the evolving needs of modern lighting professionals, delivering **exceptional performance** in a versatile and portable package, with a big punch. Step into the world of Sharpy X Frame, where every detail is designed to redefine your experience. Here's what sets it apart: **Unmatched Brightness and Color Quality:** Sharpy X Frame features a powerful 550-Watt arc lamp for extreme brightness and vivid, uniform colors, including an unmatched deep red. **One Fixture, Endless Possibilities:** A truly hybrid, multifunction luminaire – whether designing intricate beam effects, precise spot lighting, or smooth washes, the Sharpy X Frame gives you the flexibility to achieve perfect lighting for any scenario. **Big Impact, Small Package:** It combines the power of much larger luminaires in a lightweight, compact design without sacrificing any features. Packed with advanced capabilities like a rotating gobo wheel with eight gobos, a static gobo wheel, four- and eight-facet rotating prisms, linear frost, and an innovative color system with CMY, CTO, and a separate color wheel, it's designed to maximize your creative options. **Precision Framing at Your Fingertips:** The integrated four-focal plane shutter system allows for precise beam shaping and framing, setting new standards for creative control and making it possible to give life to “curtain effects” to introduce a performance, transition between scenes, or create a dynamic visual element during a live show. **Achieve Stunning Visual Effects:** Sharpy X Frame features a zoom range from 3° to 52° in spot mode and 2° to 29° in beam mode, delivering stunning effects across all settings. The 160mm front lens and Claypaky's renowned optics ensure sharp images and perfectly collimated beams every time. The Sharpy X Frame is the most versatile, compact hybrid fixture available today, ideal for bright spotighting, dynamic aerial effects, and precise framing—all at an accessible price point. Upgrade your creative lighting toolkit with the Sharpy X Frame, and discover a new level of creativity and efficiency.

Specifications

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Light Source



550W arc lamp

- **Light Output**
18,800 lm
- **Zoom range**
3°-52° (spot mode) and 2°-29° (beam mode)
- **Effects**
Linear CMY color mixing; Linear CTO; Fixed color wheel with 14 dichroic colors; 1 Rotating gobo wheel with 8 HD Indexable and replaceable gobos; 1 Static Gobo Wheel with 18 gobos; 4-blade Framing system; Linear heavy frost for wash effect; Animation wheel; 2 rotating prisms (4 and 8 facet); Motorized iris; Motorized Zoom and Focus; High resolution dimmer 16 bit; Shutter and Strobe effect

Light Source

Source type

Philips 25R 550W lamp

Colour Temperature

8000K

CRI

80+

Lamp life expectancy

1500 hrs*

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

Photometric Data

Zoom range

3° to 52° (Spot mode) – 2° to 29° (Beam mode)

Lumen output

18800 (Integrating Sphere)



	Front lens diameter	160mm
	Optical system	High efficiency
Noise Level	Auto fan mode	49.3 dBA
Control and Connections	Personalities	Single mode with 43 control channels
	Control Protocol	DMX, Art-Net, RDM, sACN
	DMX and RDM connectors	Locking 5 pin XLR IN/THRU
	Ethernet port	RJ45 IN
	Power connector	PowerCon True1
	Web Server	Built In
Dynamic Effects	Colors	<ul style="list-style-type: none">• Linear CMY colour mixing (brilliant and



lighter Magenta in the Sharpy X Frame FD model)

- Linear CTO
- Fixed color wheel with 14 dichroic colors

Gobos

- 1 Rotating gobo wheel with 8 HD Indexable and replaceable gobos
- Rotating gobo dimensions:
 - Ext diam. 19 mm
 - Image diam. 13.5 mm
 - Thickness 1.1mm
- 1 Static Gobo Wheel with 18 gobos

Framing system

- 4 blades with +/- 60° rotation of the full system
- "Total Curtain" effect allowing the full blackout with each single blade
- Built In macros

Frost

- Linear heavy frost 5° for wash effect Sharpy X Frame
- Linear light frost 2° for wash effect Sharpy X Frame FD

Rotating Effects

- Aluminum animation wheel with continuous rotation in both direction at variable speed
- 2 prisms (4 and 8 facet) with rotation in both direction at variable speed

Iris

Motorized with variable pulse and random effects

Movement

- Tilt: 270° – 16bit
- Pan: 540° – 16bit
- Accuracy: Resolution $\pm 0.27^\circ$ (Range 0.54°)
- 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

- High resolution dimmer 16 bit
- Shutter and Strobe effect

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

Housing

- Aluminum and steel structure with plastic covers
- Two side handles for transportation
- IP20 protection rate

Working Position

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

Electrical

Operating Voltage

100-240V, 50/60 Hz

Power Supply

Electronic auto range with active PFC

Max Power consumption

750VA



Thermal Specification

Max ambient temperature

45°C (113°F)

Min ambient temperature

-20°C (-4°F)

Max temperature of the external surface

90°C (194°F)

Total heat dissipation

2562 BTU/hr ±10% / 2700 kJ/hr ±10%

Safety Specs

Minimum distance of illuminated objects

8 meters (26' 3")

Minimum distance from flammable materials

0.2 meters (8")

Fuse

T10A – 250V

Thermally protected power supply (overheating and cooling failure)

Forced ventilation with axial fans

Compliance



- CE: conforms to the European Directives
- UKCA: conforms to UK Regulations
- EAC: conforms to EurAseC Regulations
- cMETus Listed

Packaging

**Carton box +
Polystyrene**

**Carton box + Foam
shell**

**Flight case + Foam
shell (2 positions)**

Weight - Size

Weight

28 Kg (61.7 lbs)

Base dimensions

306x350mm

**Height with vertical
head (h)**

668 mm with vertical head (h)

**Distance between
two fixtures**

505mm

Accessories

Omega clamps

2x183102/805 (included)

Power cord

CAB02B/802 (included)

Foam shell

F21326/001 (optional)

Flight case (2



positions)

CF1006 (optional)

Safety Chain

105041/003 (optional)

**Sharp X Frame to
Sharp X Frame FD
conversion kit**

CA3005000102 (optional)

**Sharp X Frame FD
to Sharp X Frame
conversion kit**

CA3006000102 (optional)
