

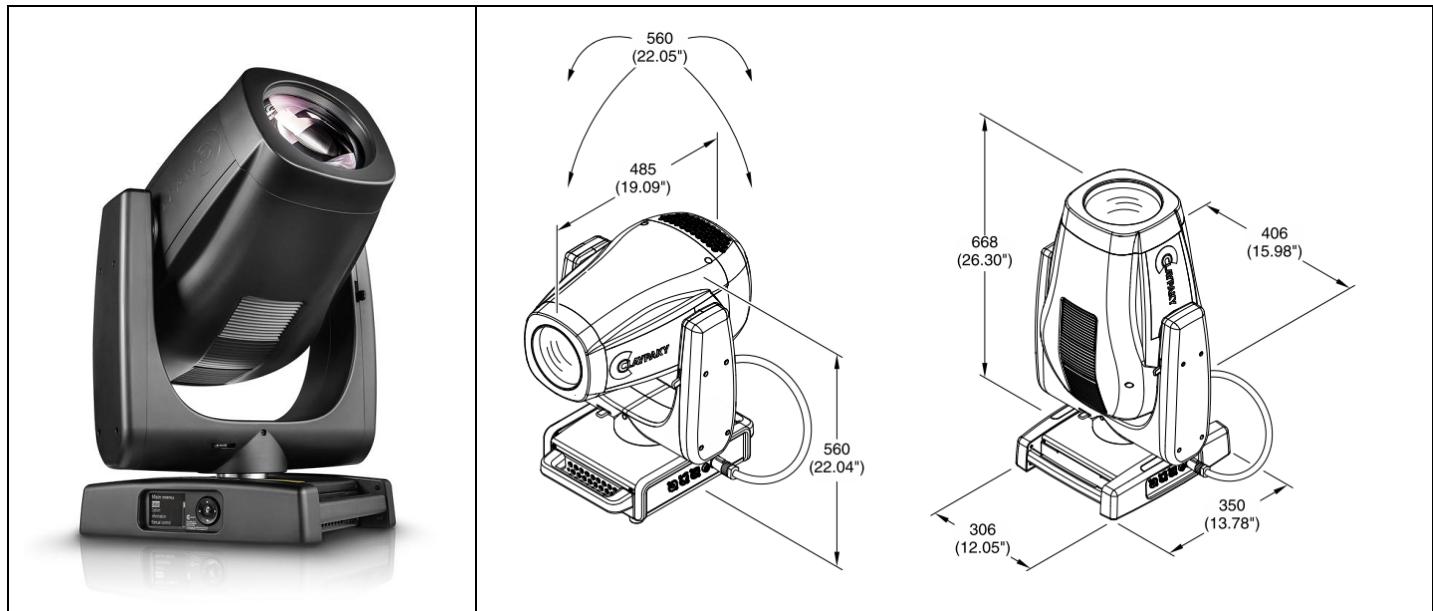


Sharpy X Frame

Sharpy X Frame FD

CD3003

Datasheet
06/2025



LIGHT SOURCE TYPE

- Philips 25R 550W lamp
- CRI: 80+
- Colour Temperature: 8000K
- 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)
- 18800 Lumen Output (Integrating Sphere)
- Front lens diameter: 160mm
- High efficiency optical system

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
- Built In Web Server



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DYNAMIC EFFECTS

- Colours:
 - 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 RDM
- CloudIO compatibility



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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

- 28 Kg (61.7 lbs)
- 306x350mm (base dimension) – 668 with vertical head (h)
- Distance between two fixtures 505mm



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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)
- "SharpyX-Frame" to "SharpyX-Frame-FD" conversion kit: CA3005000102 (optional)
- "SharpyX-Frame-FD" to "SharpyX-Frame" conversion kit: CA3006000102 (optional)
- "SharpyX-Frame" to "SharpyX-Spot" conversion kit: CA3011000100 (optional)