

**ELECTRICAL / MECHANICAL SPECIFICATIONS****Power supply**

- 220 - 240V 50Hz
- 200 - 220V 60Hz

**Lamp**

Metal halide type with special built-in power supply unit.

- Type HMI 575W
  - Cap SFC 10-4
  - Colour temperature 6000 K
  - Luminous flux 49000 lm
  - Average life 750 h

**Power consumption**

1500 VA at 230V 50Hz

**Motors**

N. 14 microstepping motors with full microprocessor control.

**CONTROL SYSTEMS****Channels**

N. 8 control channels.

**Inputs**

TORNADO is set up to accept digital control signals from controllers or computers.

- Digital serial input  
RS232/423(PMX) or DMX 512

**MIRROR HEADS**

- In diecast aluminium with epoxy powder coating.
- Very high luminous efficiency mirrors.

**Movement**

- Produced by two microprocessor controlled microstepping motors.
- Infinitely variable speed of rotation; maximum values:
  - PAN = 0.4 sec (150°)
  - TILT = 0.3 sec (110°)
- Continuous and uniform movement.  
Resolution:
  - PAN =  $\pm 0.3^\circ$  (150°)
  - TILT =  $\pm 0.2^\circ$  (110°)

**CONSTRUCTION FEATURES****Safety devices**

- Power supply shuts off automatically in the event of overheating or cooling system failure.
- Power shuts off automatically when cover is opened.

**Cooling**

Forced ventilation cooling system using axial flow fans.

**Housing**

In steel sheet with epoxy powder coated finish.

**Mounting**

- Steel bracket with epoxy powder coated finish.
- Bracket adjustable through 95°.

**Operating position**

Will function in any position.

**Weights and dimensions**

Weight: 35 kg (77 lbs)

