

# Spectrolab

Illumination Systems

www.spectrolab.com

## SX-5 Starburst®

### Illumination Characteristics

- Lamp Type: 500 Watt Short Arc Xenon
- Peak Beam Intensity: Min. 15 Million candlepower
- Beam Width: 2-10° (remote control focus)

### Application Information

- Typical Range: 500m (1650 ft)
- Peak Illuminance at 500m: 40 Lux (3.7 ft-cd)
- Diameter at 10% of Peak Illuminance: 44m (143 ft) at 500m

### Electrical System

- Input Voltage: 28 Volts DC Nominal
- Input Current: 25-30 Amperes
- Start Time: 3-5 Seconds
- Recycle Time: None Required
- Searchlight power requirements are compatible with standard aircraft type DC generators. Accessory power converters are available from other primary power sources from 117-480 VAC, 50-400Hz.

### Mechanical Configuration Searchlight

- Dimensions: Cylindrical 190mm (7.5") O.D. x 460mm (11.25") Long
- Weight: 4.5kg (10.0 lbs.)
- Cooling Provisions: Internal cooling fan with filtered air intake
- Lamp: Max. life expectancy 1000 hrs. 2 years operation

### Total System Weight

- Typical with installation, hardware, cable assemblies, 13.6 kg (30 lbs).



### Mechanical Configuration Junction Box

- Dimensions: 216mm x 159mm x 133mm (8.5"L x 6.25" W x 5.25" H)
- Weight: 2.9kg (6.3 lbs.)

### Mechanical Configuration Gimbal

- Type: Two-Axis Remote Electrical Control
- Weight: 3.8kg (8.5 lbs.)
- Slew Rate: 9° per second standard;

### Mechanical Configuration Control Box

- Dimensions: 127mm x 57mm x 44mm (5" L x 2.25" W x 1.75" H)
- Weight: 6 Ounces

ISO9001:2000  
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The information contained on this sheet is for reference only. Specifications subject to change without notice.