SX-5 Starburst

Product Highlights

Key Specifications & Characteristics:

- 20 Million Candlepower Peak Beam Intensity, typical
  - 15 Million Candlepower, minimum
- 13,500 Lumens Lamp Output
- 500 Watt Xenon Short Arc Lamp
- 1,650 ft. (502 m) Typical Range
- 40 Lux (3.7 ft-cd) Peak Illuminance @ 1,680 feet (500 m)
- Beam Width = 2° to 10° w/bi-directional focus
- Diameter of Beam at 10% Peak Illuminance =
  - 143 ft. (44m) wide @ 1,640 ft. (500 m)

Applications

SX-5 Starburst Searchlight systems provides an alternative for your mobile high intensity searchlight requirements when size and weight may be a factor. Can be installed on helicopters, fixed wing and also ground based applications.

System Description:

The SX-5 Starburst Searchlight system provides a lighter weight, smaller envelope option for installations that may be limited by weight or power concerns. It is in use by a large number of EMT users or departments that may not have a heavy SAR use for the Searchlight. This system uses a 500 Watt Lamp, so in installations where current draw may be a concern, this is also a viable option. High Speed Gimbal Motors are available as an option to achieve 18° per second slew rate. SX-5 Starburst can also be paired with SpectroLink Linking System.
**Input Voltage** | 28 Volts DC, Nominal
---|---
**Input Current** | 25-30 Amperes
**Start Time** | 3-5 Second, typical

**Dimensions** | **Weight**
---|---
8.26"L x 6"W x 5.2"H (21.9cm x 15.2cm x 13.2cm) | 6.3 lbs. (2.9kg)

**Type** | **Weight**
---|---
Two Axis Remote Controlled | 8.5 lbs. (3.8kg)

**Slew Rate**
- 9° per second, standard
- 18° per second, high speed

**Dimensions** | **Weight**
---|---
5" L x 2.25" W x 1.75" H (12.7cm x 5.7cm x 4.4cm) | 6 ounces (170 grams)

**Total System Weight** | 30 lbs. (13.6 kg)

**Dimensions** | **Weight**
---|---
Cylindrical 7.5" OD x 11.25" Long (19 x 46 cm) | 10 lbs. (4.5kg)
**Cooling Provisions** | Internal Vane-axial Cooling Fan

**Lamp**
Maximum life expectancy 1,000 hours or 2 years typical

**Tel:** 818-365-4611
**US Toll Free:** (800) 936 4888
**Email:** DL-SYLCustomerservice@boeing.com
www.spectrolab.com

The information contained on this sheet is for reference only. Specifications subject to change without notice. (REV. 06/17)