

SX-5 Starburst

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Product Highlights

Small Package – Great Output

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 .

preliminary

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Envelope



Mechanical Configuration: Junction Box

Dimensions	<ul style="list-style-type: none"> 8.26"L x 6"W x 5.2"H (21.9cm x 15.2cm x 13.2cm)
Weight	<ul style="list-style-type: none"> 6.3 lbs. (2.9kg)

Mechanical Configuration: Gimbal

Type	<ul style="list-style-type: none"> Two Axis Remote Controlled
Weight	<ul style="list-style-type: none"> 8.5 lbs. (3.8kg)
Slew Rate	<ul style="list-style-type: none"> 9° per second, standard 18° per second, high speed

Electrical System

Input Voltage	28 Volts DC, Nominal
Input Current	25-30 Amperes
Start Time	3-5 Second, typical

Mechanical Configuration: Control Box

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

Total System Weight

Total System Weight	30 lbs. (13.6 kg)
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Mechanical Configuration: Searchlight

Dimensions	Cylindrical 7.5" OD x 11.25" Long (19 x 46 cm)
Weight	10 lbs. (4.5kg)
Cooling Provisions	Internal Vane-axial Cooling Fan
Lamp	Maximum life expectancy 1,000 hours or 2 years typical



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