

## Laserglow Product Datasheet

---

### SafetyCast



### Overview:

#### Key Features:

- *Output Power:* 9/24 W
- *Fan Angle:* 5°
- *Color Options:* Red/Green/Blue/RGB
- *Expected Life:* 50,000 hours
- *Projection Type:* Dot/Line/Arrow
- *Package Includes:* LED mounted into enclosure with bracket

The Hazard Safety Projection Series was developed to address the safety concerns in warehouses, dock and loading areas, or any industrial workplace area where heavy mobile equipment shares workspace with pedestrians. These products were researched and developed by Laserglow in conjunction with some of the leading lighting manufacturers in the industry. Some of the products in this series are also ideal guidance systems for dock approach, load stacking and off-loading.

## Specifications:

This spec sheet has been generated specifically for part number HSC-SC2, per your request, and data for the entire series is also displayed for your reference. The specs which are specific to HSC-SC2 have been highlighted below in **red + bold**.

Laser Form Factor	SC1	<b>SC2</b>	SC6	SC3	SC4	SC5
Output Power (mW)	6000	<b>6000</b>	9000	18000	27000	120,000, 72000
Projection Type (See below for detail)	Spot	<b>Arrow</b>	Beacon	Line	Spot	Line Spot
Projection Fan Angle (°, full angle)	6			100	6	6, 50
IP rating	65	<b>65</b>	65	65	65	65
Storage Temperature Range (°C)	-20 to 40	<b>-20 to 40</b>	-20 to 40	-20 to 40	-20 to 40	-20 to 40
Total Power Consumption (W)	10	<b>10</b>	2	20	30	72, 120
Cooling Method	Passive	<b>Passive</b>	Passive	Passive	Passive	Passive
Standard Warranty (months)	12	<b>12</b>	12	12	12	12
MTTF (operational hours)	50000	<b>50000</b>	50000	50000	50000	50000
Weight of Laser Head (kg)	1.4	<b>1.4</b>	1.4	2	2.3	5.4
Laser Head Dimensions (mm)	110 (l) x 90 (w) x 140 (h)	<b>110 (l) x 90 (w) x 140 (h)</b>	100 (l) x 70 (w) x 130 (h)	110 (l) x 90 (w) x 140 (h)	140 (l) x 90 (w) x 165 (h)	229 (l) x 90 (w) x 234 (h)

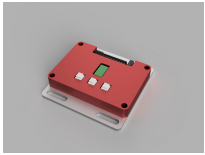
CW: All specifications are based on performance at full output power and after the specified warmup period. Output characteristics may change if the laser is run at a different power level.

Q-Switched: Specifications are based on the laser pulsing at the specified design frequency. Output characteristics may change if the laser is run at a different frequency.



**Accessories:**

The most popular accessories for model HSC-SC2 are shown below. For additional details regarding these or other accessories please see our website or contact us directly.

Part Number	Description	
Image Coming Soon! APH25VAXX	SafetyCast Class 2 Power Supply 25W Full Details: <a href="http://www.laserglow.com/APH">www.laserglow.com/APH</a>	
 HSTCRB1XX	Smart Trigger kit with Single Beam Break Photoelectric Sensor Full Details: <a href="http://www.laserglow.com/HST">www.laserglow.com/HST</a>	
Image Coming Soon! APH90VAXX	SafetyCast Class 2 Power Supply 90W Full Details: <a href="http://www.laserglow.com/APH">www.laserglow.com/APH</a>	

**FOR MORE INFORMATION PLEASE CONTACT:**

LASERGLOW TECHNOLOGIES  
873 St. Clair Ave West, Toronto, ON, Canada M6C1C4  
Tel. (416) 729-7976 Fax (480) 247-4864  
[sales@laserglow.com](mailto:sales@laserglow.com) [www.laserglow.com](http://www.laserglow.com)

E&OE: Data included in this sheet may be subject to change without notice.  
Please confirm critical specifications with our staff prior to ordering.