

Luminys Systems Corp.

presents

The Solution to High-Speed Photography

SunSource

150 LD



adept
electronic solutions

The Machine Vision and
Imaging Specialists

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High-Speed photography has been plagued by the problems of amount and quality of light. The SunSource system solves both. Its specially designed ESL lamp combined with state of the art reflector optics fills the area with soft, flicker-free light reducing harsh shadows and hotspots thus increasing available light and depth of field to allow better overall imaging in any high-speed application.

○ Flicker-free

Up to 1,000,000 frames per second

○ Instant Power On

Instant full power and full color temperature

○ Powerful

Add 100,000 lux to an existing area

○ Energy Efficient

30 amp feed for up to 150,000 watt output

○ Shadowless

Soft, reflected light wraps around objects to fill in shadows and decrease hotspots



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LUMINYS Illuminating ideas in high-intensity lighting™

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SunSource

System Specifications

SunSource Fixture

Electrical and Physical Specifications	
Operating AC Voltage	220V-1PH
AC Current Draw During Idle Mode	30A
Idle Power Level	3KW
SunBurst Power Level	25KW-150KW
Tilting Angle	120° arc
Physical Dimensions (H x D x W)	20in x 23.6in x 62in / 50.8cm x 60cm x 157.5cm
Weight	111 lbs / 50 Kg
Idling On-Time (before cool down period is required)	500 minutes
SunBurst On-Time*	10 seconds
Vertical Beam Spread	40°
Horizontal Beam Spread	100°

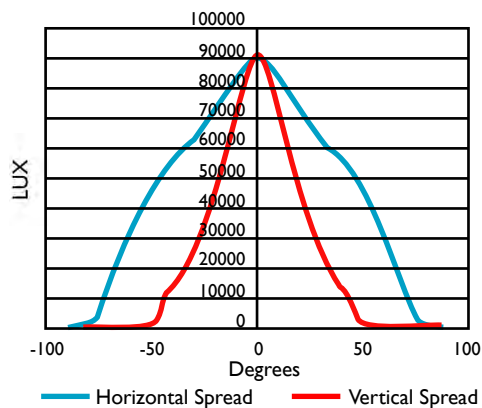
* Longer SunBurst durations available up to 25 seconds



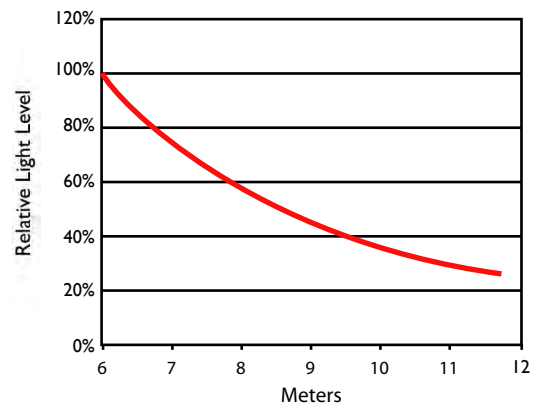
SunSource Power Supply

Electrical Specifications	
Input Power (Main Connect)	220VAC-1PH, 30 amps
Output DC Power during Flash Mode	Up to 150,000 watts
Operating Temperature	-40°F to 104°F / -40°C to 40°C
Dimensions and Weight	Available upon request

100KW SunSource Output at 6m



Light Level vs. Distance from Object



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