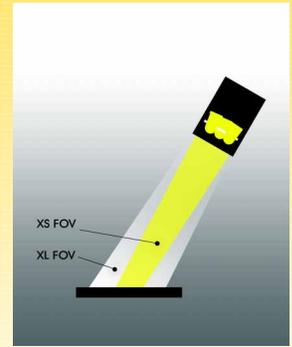




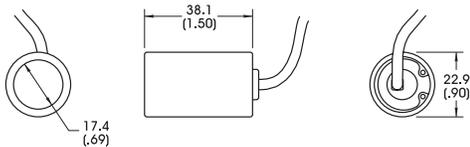
SL2507-660
(shown)

SL2507 Spotlight

- Compact design - 23mm diameter housing.
- High intensity illumination for non-specular objects.
- Two identical SL2507 spotlights can be connected to a single output via a Y-cable, allowing 4 spotlights to run off of any dual output controller.



Light Function Diagram



DIMENSIONS ARE IN MILLIMETERS (INCHES)

Wire Casing Solution

This SL2507 inspection looks for flaws in wire casing, and as part of the process measures the distance between the light bands in the casing material. The miniature spotlight provides sufficient illumination, when strobed, for a high speed application. The matte finish nature of the casing material allows the use of a direct light source.



Acquired Solution Image

Standard Product Maximum Illumination

	Working Distance	Watts/cm ²	Lux
Constant Current	75mm	3.1 mw	2,300
Strobed (100µs)	75mm	62mw	46,000

General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	91.6 g 3.2 oz

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	40	40	60	40	N/A	mA
@ 24v	20	20	20	20	30	40	20	mA

Part Number Designation

Standard Product *SHIPPED NEXT DAY*

Part Number: **SL2507-66075L** (Configured for use with Ai Power Supply)

Standard Product Variation *SHIPPED WITHIN TWO WEEKS*

Spectral wavelength	Stand off	Field of view	Optional power Compatibility	Optional Light Conditioning
SL2507 - XXX	XXX	XX	XX	X
(blue) 470 † (green) 520 † (yellow) 590 (orange) 625 (red) 660 (infra-red) 880 (white) WHI †	See fig.1 to Compute standoff.	L M S XS	12 24	D (Diffuser) P (Polarizer)

† Not available in 12v

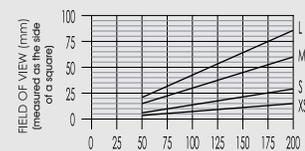


Figure 1

Identify desired FOV and standoff, then specify nearest illuminated area size

Have a question?

Call us @ 802.767.3830 or FAX @ 802.767.3831