

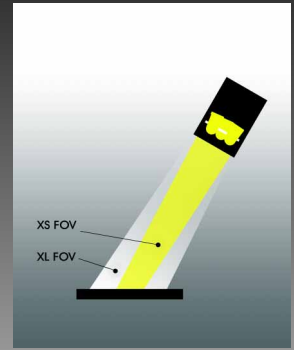


DVT Part No. IARS-2524  
 SPOT LIGHT, .9" O.D., 660nm (RED), 24v  
 All/DVT Strobe adapter compatible version: Part No. IARS-255

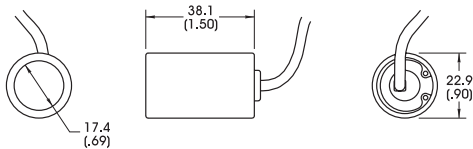


SL2507-660  
(Shown)

- 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 <sup>2</sup> | Lux    |
|---------------------------------------|------------------|-----------------------|--------|
| Constant Current                      | 75mm             | 3.1 mw                | 2,300  |
| Strobed (100µs)                       | 75mm             | 62mw                  | 46,000 |

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

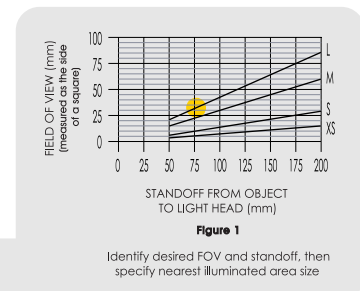
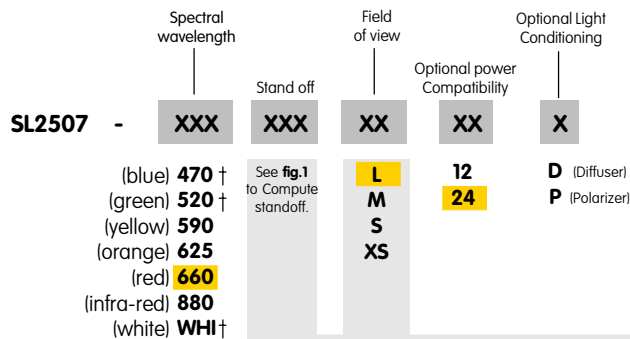
| General Specifications    |                  |
|---------------------------|------------------|
| Light distribution        | +/- 10%          |
| Operating temperature     | 0 to 65°C        |
| Standard product lifetime | 100,000 hrs      |
| Product weight            | 91.6 g<br>3.2 oz |

## 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**



Have a question?  
 Call us @ 802.767.3830 or FAX @ 802.767.3831