

# SL2420

Bright Field Spot Light

- Aii** Ai's most popular spot light - intense illumination in a small package
- Aii** High contrast on non-reflective objects



## Ordering Information

Standard Product:  
Shipped Next Day

Standard Product Variation:  
Shipped Within Two Weeks

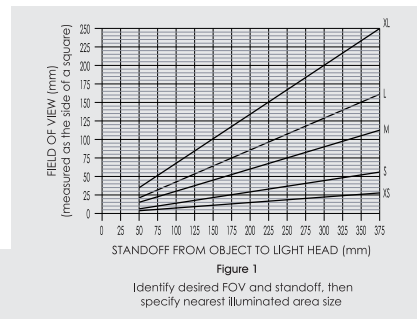
### SL2420-660100L

Configured for use with Ai Power Supply

### SL2420-660100L24

Configured for use with user supplied 24vDC Power Supply

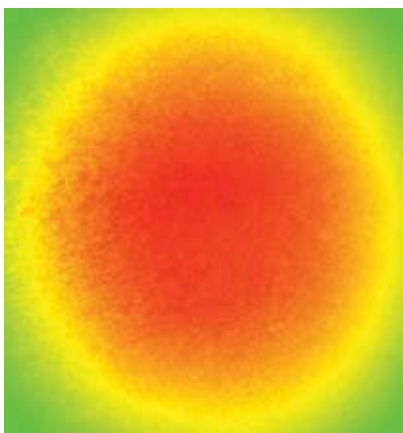
SL2420 -	Spectral wavelength	Stand off	Field of view	Optional power Compatibility	Optional Light Conditioning
XXX	XXX	XX	XX	X	
(blue)	470†	See chart to compute standoff.	XL	IC	D (Diffuser)
(green)	520†		L	12	P (Polarizer)
(yellow)	590		M	24	
(orange)	625		S		
(red)	660		XS		
(infra-red)	880				
(white)	WHI†				



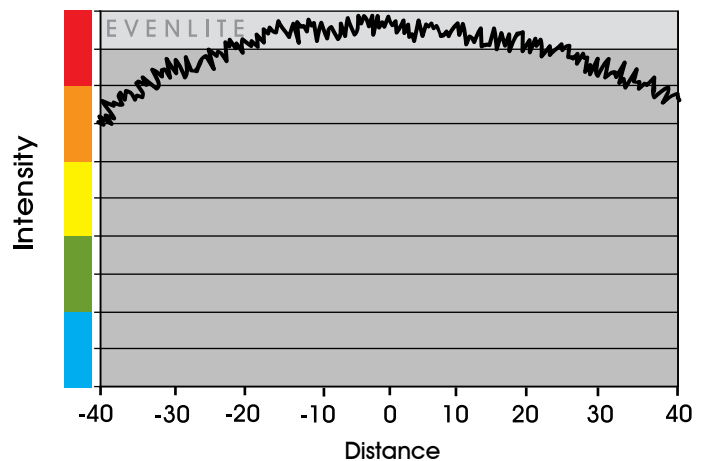
†Not available in 12v

## Light Consistency Information

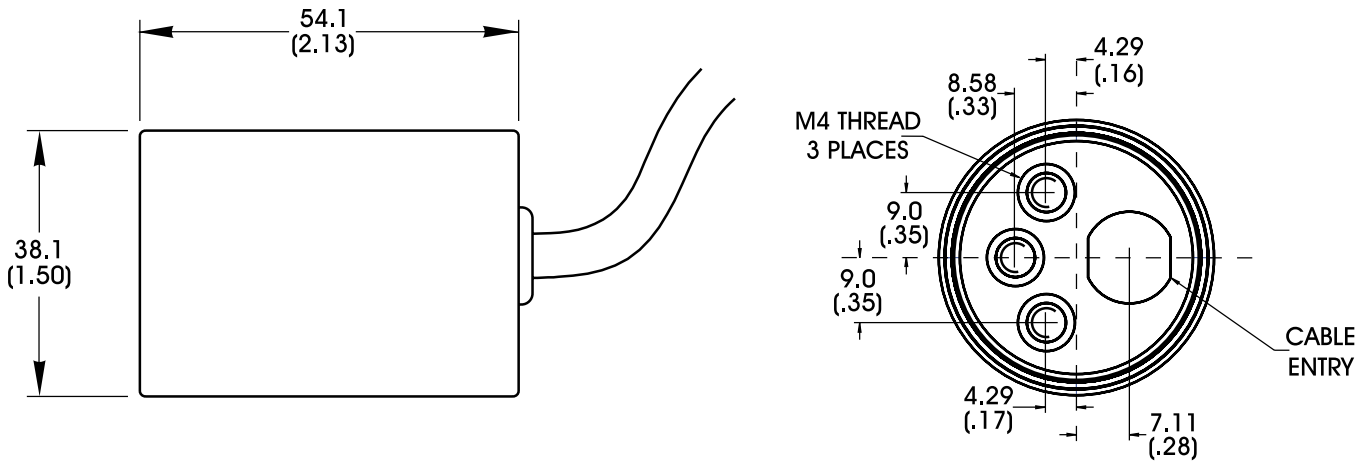
Intensity Distribution



Intensity Cross Section



## Dimensional Information



DIMENSIONS ARE IN MILLIMETERS (INCHES)

### Standard Variation Current Specifications

	blue	green	yellow	orange	red	infra-red	white	RGB	
@12	N/A	N/A	80	80	120	130	N/A	N/A	mA
@24	75	75	40	40	60	80	75	N/A	mA
Ai	80	80	80	80	120	120	80	N/A	mA

### General Specifications

Weight:	194.1 g (6.8oz)
Finish:	Black Anodized
Operating Temperature:	0-60°C
Meets Specifications:	CE, RoHS

### Standard Product Information

Red	Max. Illumination	Irradiance (mW/cm <sup>2</sup> )	Illuminance (Lux)
	Working Distance: 100mm	.82	N/A
	Lifetime	50,000 hrs	

White	Max. Illumination	Irradiance (mW/cm <sup>2</sup> )	Illuminance (Lux)
	Working Distance: 100mm	1.3	3,800
	Lifetime	10,000 hrs	

### Additional Information