

# 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

### SL2420-660100L

Configured for use with Ai Power Supply

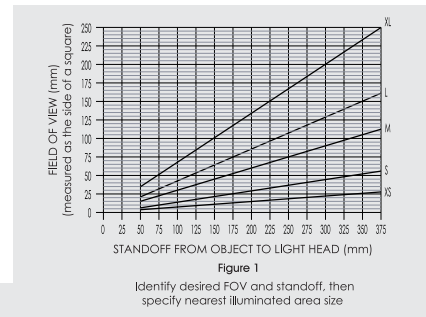
### SL2420-660100L24

Configured for use with user supplied 24vDC Power Supply

Standard Product Variation:  
Shipped Within Two Weeks

	Spectral wavelength	Stand off	Field of view	Optional power Compatibility	Optional Light Conditioning	Alternative Connector
SL2420 -	XXX	XXX	XX	XX	X	XXX
	(uv) 395 <sup>◇</sup>	See chart to compute standoff.	XL	IS	D	M12*
	(blue) 470 <sup>†</sup>		L	C2	(Diffuser)	
	(green) 520 <sup>†</sup>		M	C3	P	
	(yellow) 590		S	C5	(Polarizer)	
	(orange) 625		XS	12		
	(red) 660			24		
	(infra-red) 880					
	(white) WHI <sup>†</sup>					

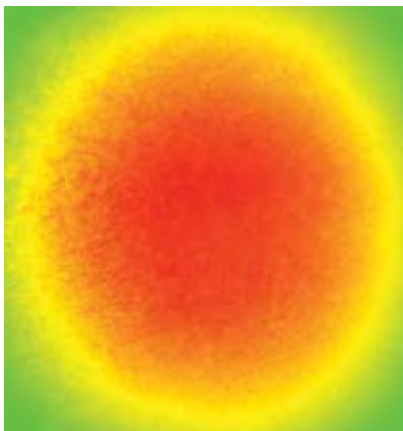
IS = ISU (requires 24v power supply)  
 C2 = Ai Connector  
 C3 = Pulsar 710 Connector  
 C5 = Pulsar 320 Connector  
 \* Available with IS and 24v options only  
 † Not available in 12v



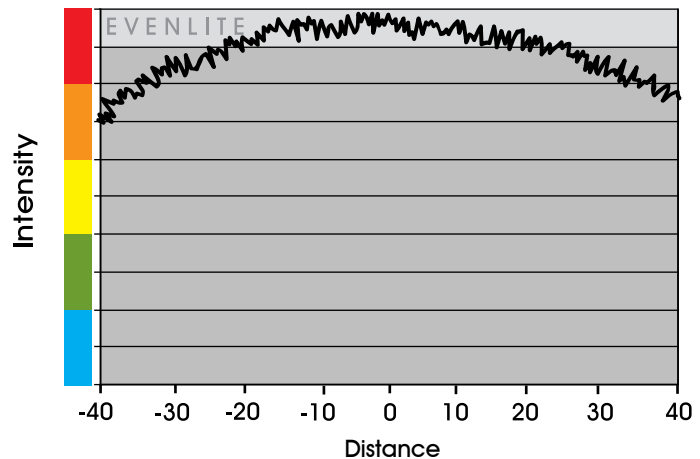
<sup>◇</sup>UV LEDs have a considerably shorter half-life than other LEDs (<1000hrs). For this reason Ai recommends these LEDs be used in strobe mode only. For applications requiring continuous 24v power, contact Ai for assistance.

## Light Consistency Information

Intensity Distribution

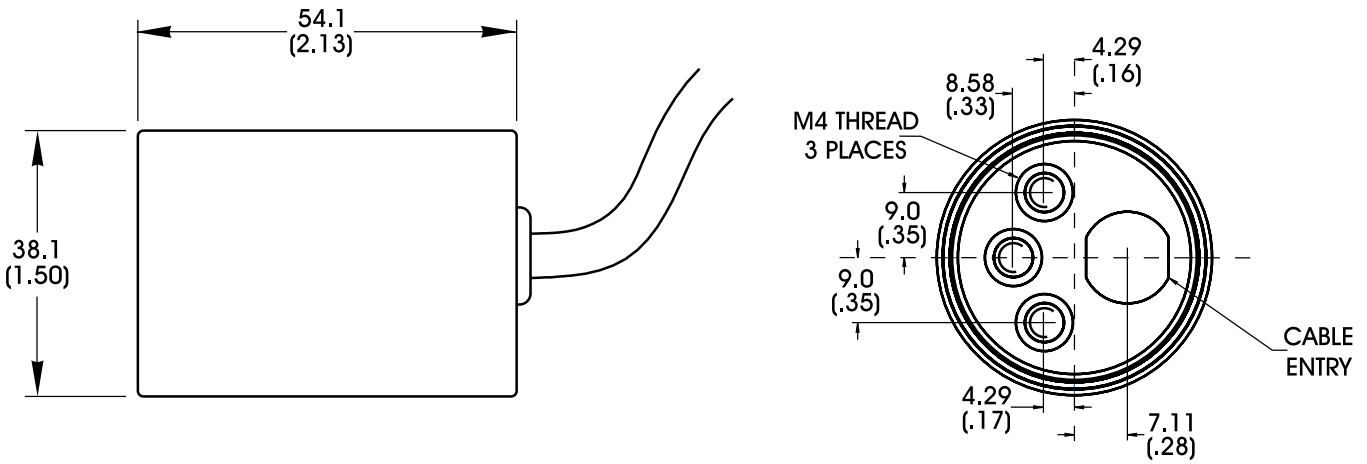


Intensity Cross Section



Dimensional Information

[Click for Installation Models & Drawings](#)



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