

RL1424

Bright Field Ring Light



- 4i) Large inner diameter accommodates lenses up to 55mm in diameter
- 4i) Can be ordered with a variety of mounting options

Ordering Information

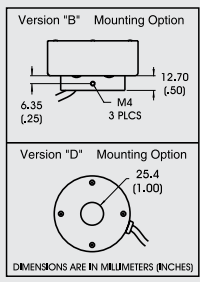
Standard Product:
Shipped Next Day

Standard Product Variation:
Shipped Within Two Weeks

RL1424

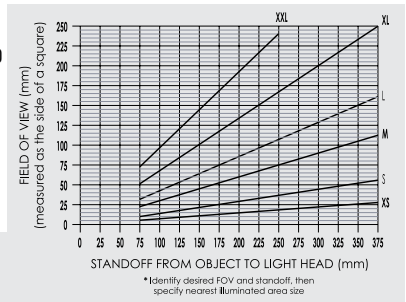
P/N: RL1424-660100L
Configured for use with Ai
Power Supply

Mounting option	Spectral wavelength	Stand off	Field of view	Optional power Compatibility	Optional Light Conditioning
RL1424 X	-	XXX	XXX	XX	X



* 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.

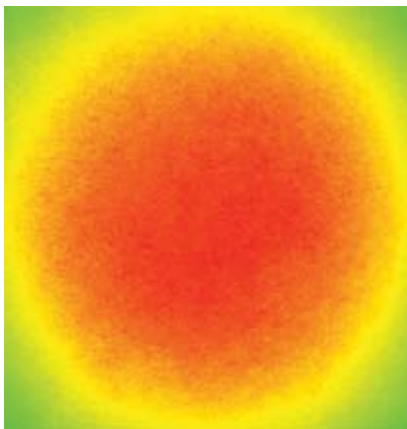
Mounting option	Spectral wavelength	Stand off	Field of view	Optional power Compatibility	Optional Light Conditioning
B	(UV) 395*	See chart to Compute standoff.	XXL	IC	D (Diffuser)
D	(blue) 470†		XL	12	p (Polarizer)
	(green) 520†		L	24	
	(yellow) 590		M		
	(orange) 625		S		
	(red) 660		XS		
	(infra-red) 880				
	(white) WHI†				



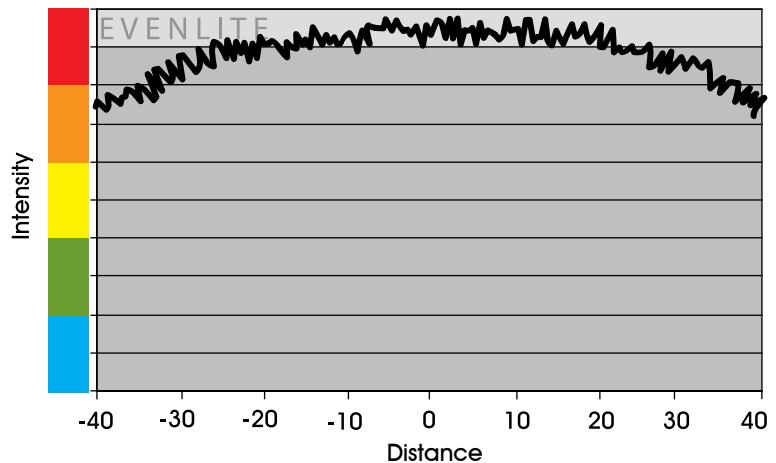
†Not available in 12v

Light Consistency Information

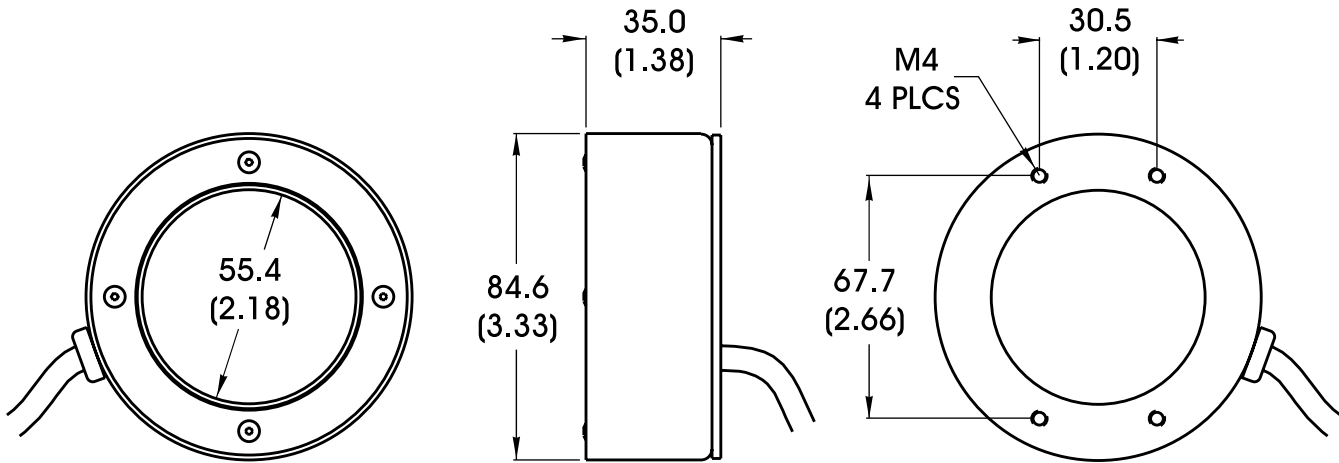
Intensity Distribution



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	120	N/A	N/A	mA
@24	80	80	40	40	60	60	80	N/A	mA
Ai	120	120	120	120	120	120	120	N/A	mA

General Specifications

Weight:	226.8 g (8.0 oz)
Finish:	Black Anodized
Operating Temperature:	0-60°C
Meets Specifications:	CE, RoHS

Standard Product Information

Red	Max. Illumination	Irradiance (mW/cm ²)	Illuminance (Lux)
	Working Distance: 100mm	.79	N/A
	Lifetime	50,000 hrs	

White	Max. Illumination	Irradiance (mW/cm ²)	Illuminance (Lux)
	Working Distance: 100mm	1.1	2,900
	Lifetime	10,000 hrs	

Additional Information