

AL4424

4" Broad Area Linear Array



- Aii** Provides very even illumination along the 100mm length of the light, with controlled “fall off” in the transverse direction.
- Aii** Designed to provide low angle of incidence illumination over a long, wide area.

Ordering Information

Standard Product:
Shipped Next Day

AL4424-660

Configured for use with Ai
Power Supply

AL4424-66024

Configured for use with user
supplied 24vDC power

Standard Product Variation:
Shipped Within Two Weeks

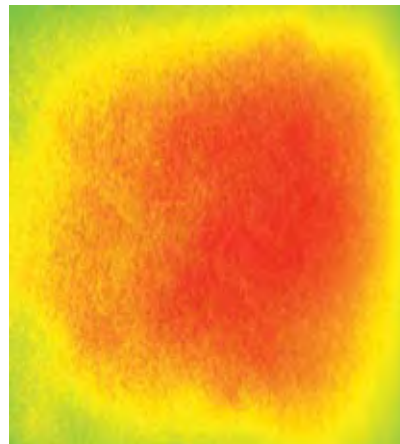
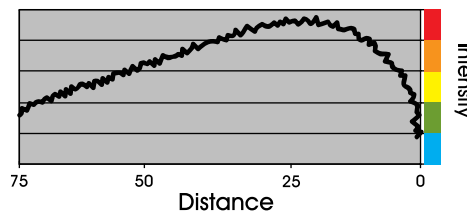
AL4424	-	Spectral wavelength XXX	Optional power Compatibility XX	Alternative Connector XXX
		(UV) 395 \diamond	IC	M12* (male)
		(blue) 470 \dagger	IS	
		(green) 520 \dagger	C2	
		(yellow) 590	C3	
		(orange) 625	C5	
		(red) 660	12	
		(infra-red) 880	24	
		(white) WHI \dagger		

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

\diamond 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

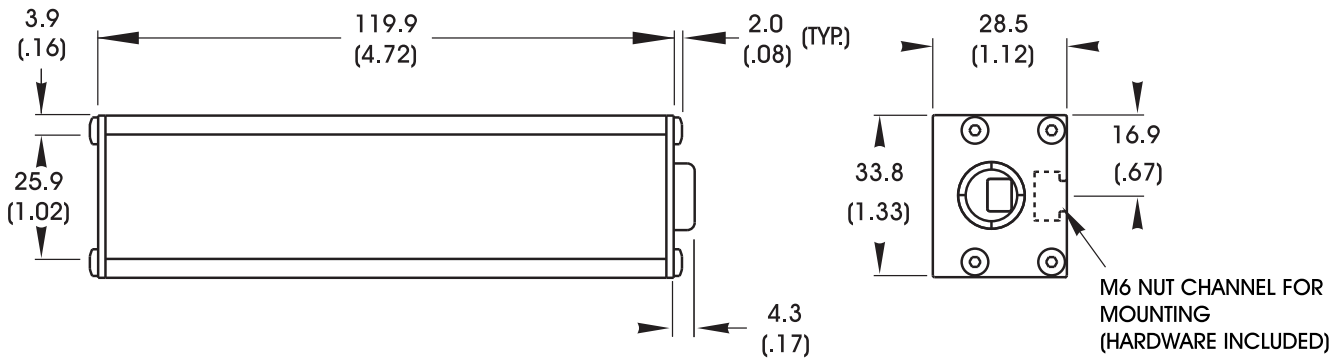
Intensity
Distribution



Intensity Cross Section

Dimensional Information

Click for Installation Models & Drawings



Cable Length: 1.5 Meter (59")

DIMENSIONS ARE IN MILLIMETERS (INCHES)

Find installation models at advancedillumination.com/drawandmodels.html

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	80	80	80	80	120	120	80	N/A	mA

General Specifications

Weight: 227 g (.51lb)
 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: 1.5"/.5"	.26	N/A
	Working Distance: 3.0"	.95	N/A
	Lifetime	50,000 hrs	
White	Max. Illumination	Irradiance (mW/cm ²)	Illuminance (Lux)
	Working Distance: 2.0"/.5"	.61	2,000
	Working Distance: 3.0"	1.47	4,500
	Lifetime	10,000 hrs	

Additional Information

Light Set Up Diagram

