

# DL2449

## 2" x 2" Axial Diffuse Illuminator

**Aii** Even illumination over the full 50mm x 50mm field of view.

**Aii** Heat sinking to cool the illumination source.



### Ordering Information

Standard Product:  
Shipped Next Day

#### DL2449-660

Configured for use with Ai  
Power Supply

#### DL2449-66024

Configured for use with user  
supplied 24vDC Power Supply

**Optimal working distance:**  
25.4mm (1")

**Effective Working Range:**  
12.7-50mm (.5"-2")

Standard Product Variation:  
Shipped Within Two Weeks

	Spectral wavelength	Optional power Compatibility	Optional light Conditioning	Alternative Connector
DL2449 -	XXX	XX	X	XXX
	(UV) 395 <sup>◇</sup>	IC	D (Diffuser)	M12* (male)
	(blue) 470 <sup>†</sup>	IS		
	(green) 520 <sup>†</sup>	C2		
	(yellow) 590	C3		
	(orange) 625	C5		
	(red) 660	12		
	(infra-red) 880	24		
	(white) WHI <sup>†</sup>			
	(all color) RGB <sup>†</sup>			

IC = iCS (requires 24v power supply)

IS = iSU (requires 24v power supply)

C2 = Ai Connector

C3 = Pulsar 710 Connector

C5 = Pulsar 320 Connector

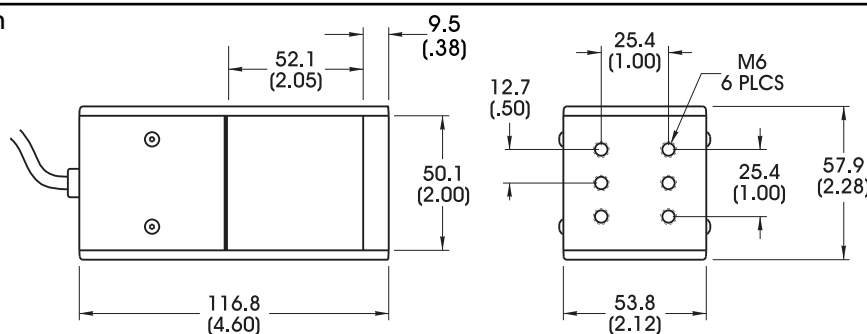
\* Available with IC, IS, and 24v options only

<sup>†</sup> Not available in 12v

! - Not available in IC, IS or C5

<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.

### Dimensional Information



[Click for Installation Models & Drawings](#)

Cable Length: 1.5 Meter (59")

DIMENSIONS ARE IN MILLIMETERS (INCHES)

### Standard Variation Current Specifications

	blue	green	yellow	orange	red	infra-red	white	RGB	
@12	N/A	N/A	240	240	220	280	N/A	N/A	mA
@24	240	240	160	160	110	140	240	110	mA

### Standard Product Information

Product Lifetime: 50,000 hours

Operating Temperature: 0-60° C