

## DL085

### 6" x 6" Axial Diffuse Illuminator



**Ai** Even illumination over the full 150mm x 150mm field of view.

**Ai** Ai's largest ADI, designed for inspecting objects of a specular nature.

#### Ordering Information

Standard Product:  
Shipped Within 2 to 4 Weeks

#### DL085

P/N: DL085-66024  
Configured for use with User  
Supplied 24v Power Supply

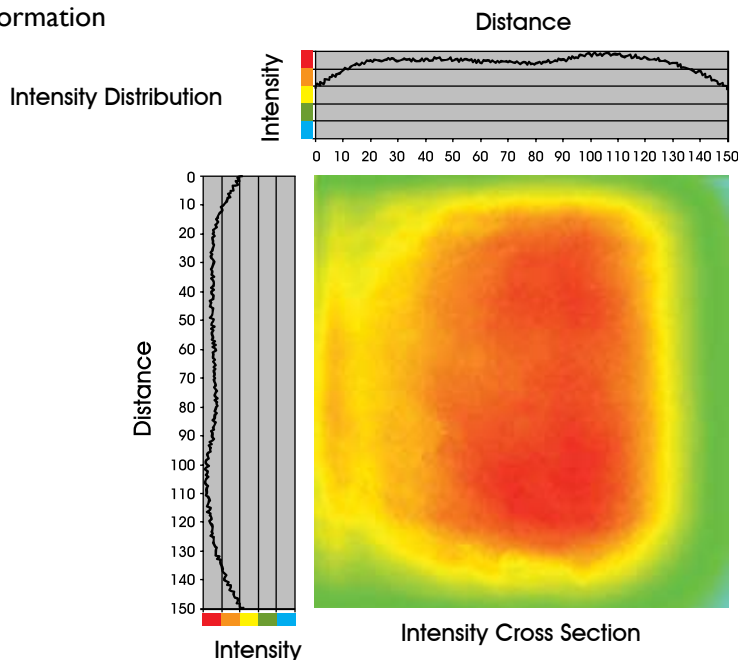
Standard Product Variation:  
Shipped Within 2 to 4 Weeks

	Spectral wavelength	Optional power Compatibility	Optional light Conditioning
DL085 -	XXX	XX	X
	(UV) 395*	IC	D (Diffuser)
	(blue) 470	24	
	(green) 520	C3	
	(red) 660		
	(infra-red) 880		
	(white) WHI		

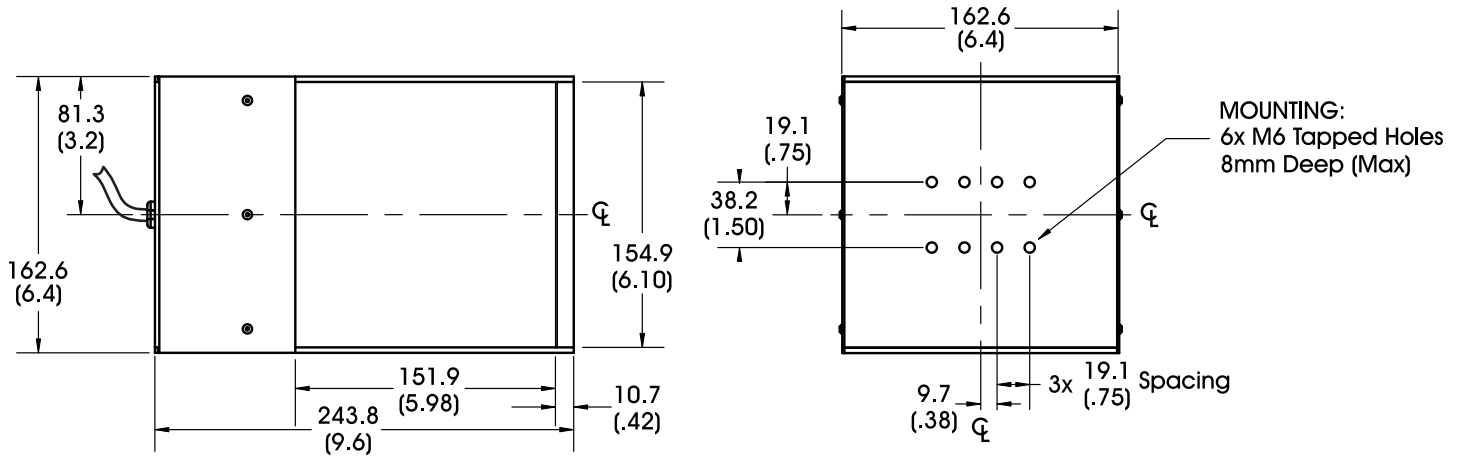
**Optimal working distance:**  
25.4mm (1")  
**Effective Working Range:**  
12.7-50mm (.5"-2")

\*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



## Dimensional Information



DIMENSIONS ARE IN MILLIMETERS (INCHES)

### Standard Variation Current Specifications

	blue	green	red	infra-red	white
@24	1.08A	1.08A	1460mA	1460mA	1.08A
Ai (C3) (Constant)	1.08A	1.08A	1460mA	1460mA	1.08A

### General Specifications

Weight:	2054.4 g (72.5 oz.)
Finish:	Black Anodized
Operating Temperature:	0-60°C
Meets Specifications:	CE, RoHS

### Standard Product Information

Red	Max. Illumination	Irradiance (mW/cm <sup>2</sup> )
	Working Distance: 25mm	1.26
	Lifetime	50,000 hrs

### Additional Information

802.767.3830