

## 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

#### DL085-66024

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	Alternative Connector
DL085 -	XXX	XX	X	XXX
	(UV) 395 <sup>◇</sup>	IC	D (Diffuser)	M12*
	(blue) 470	C5		
	(green) 520	24		
	(red) 660			
	(infra-red) 880			
	(white) WHI			

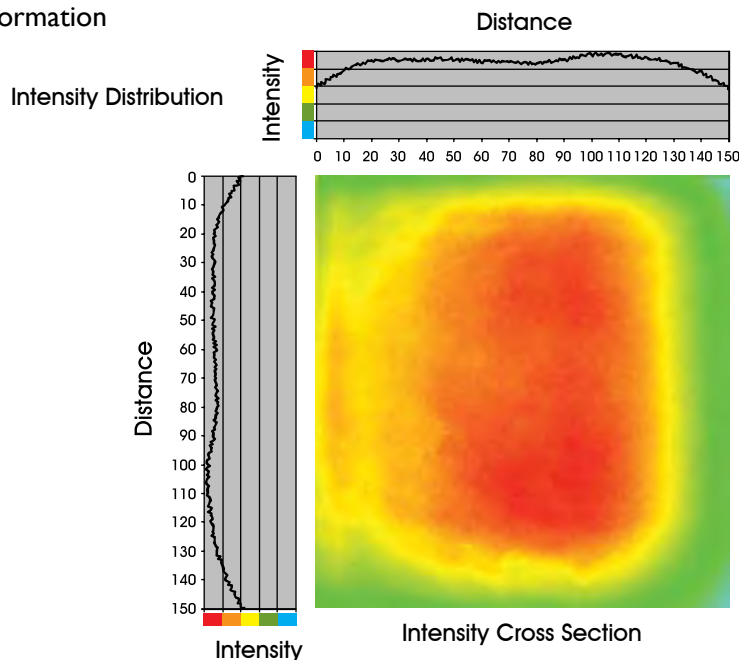
IC = ICS (requires 24v power supply)  
C5 = Pulsar 320 Connector  
\* Available with IC and 24v options only

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

<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.

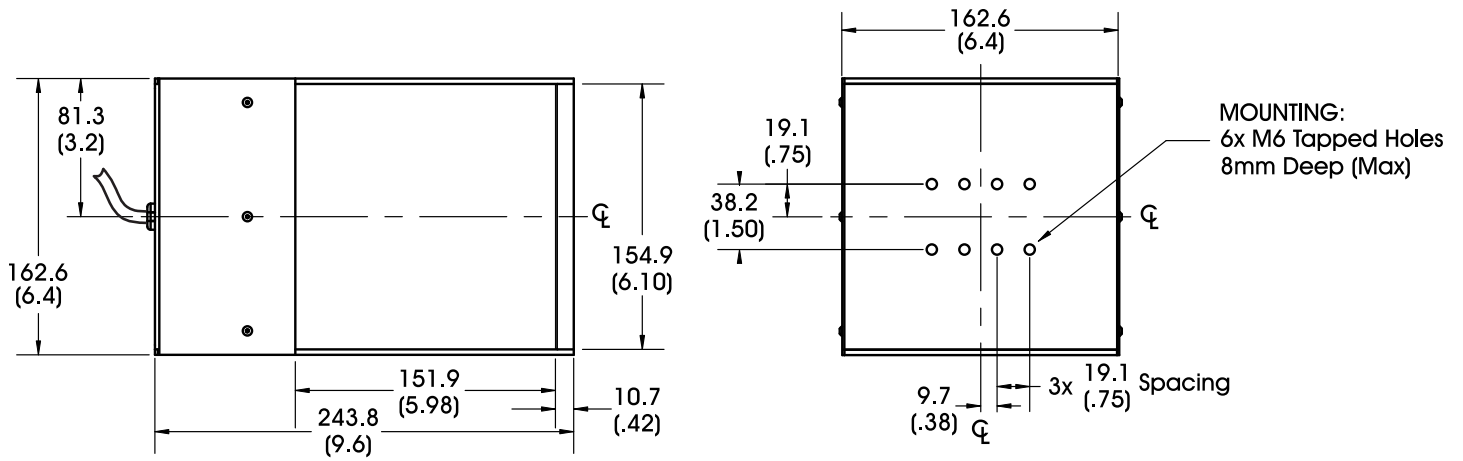
Built-to-order lights are non-returnable.

#### Light Consistency Information



Dimensional Information

[Click for Installation Models & Drawings](#)



Cable Length: 1.5 Meter (50")

DIMENS

DIMENSIONS ARE IN MILLIMETERS (INCHES)

Standard Variation Current Specifications

	UV	blue	green	red	infra-red	white
@24	540mA	1.08A	1.08A	1460mA	1460mA	1.08A

Standard Product Information

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

General Specifications

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

Additional Information