

# DL37100

## 3" x 3" Axial Diffuse Illuminator



**Aii** Even illumination over the full 75mm x 75mm field of view.

**Aii** Designed for inspecting large specular objects.

### Ordering Information

Standard Product:  
Shipped Next Day

Standard Product Variation:  
Shipped Within Two Weeks

#### DL37100

P/N: DL37100-660  
Configured for use with Ai  
Power Supply

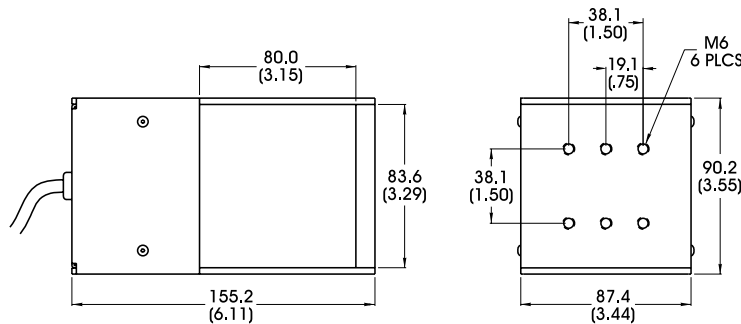
	Spectral wavelength	Optional power Compatibility	Optional light Conditioning	Alternative Connector
DL37100 -	XXX	XX	X	XXX
(UV)	395 <sup>◇</sup>	IC	D (Diffuser)	M12*
(blue)	470 <sup>†</sup>	IS		
(green)	520 <sup>†</sup>	C2		
(yellow)	590	C3		
(orange)	625	C5		
(red)	660	12		
(infra-red)	880	24		
(white)	WHI <sup>†</sup>			

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 and 24v options only  
† Not available in 12v

**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.

### Dimensional Information



[Click for Installation Models & Drawings](#)

DIMENSIONS ARE IN MILLIMETERS (INCHES)

### Standard Variation Current Specifications

	blue	green	yellow	orange	red	infra-red	white	RGB	
@12	N/A	N/A	400	400	600	600	N/A	N/A	mA
@24	400	400	200	200	300	300	400	N/A	mA

### Standard Product Information

Product Lifetime:	50,000 hours
Operating Temperature:	0-60° C