

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 [◇]	IC	D (Diffuser)	M12* (male)
(blue)	470 [†]	IS		
(green)	520 [†]	C2		
(yellow)	590	C3		
(orange)	625	C5		
(red)	660	12		
(infra-red)	880	24		
(white)	WHI [†]			

◇ 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.

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

† Not available in 12v

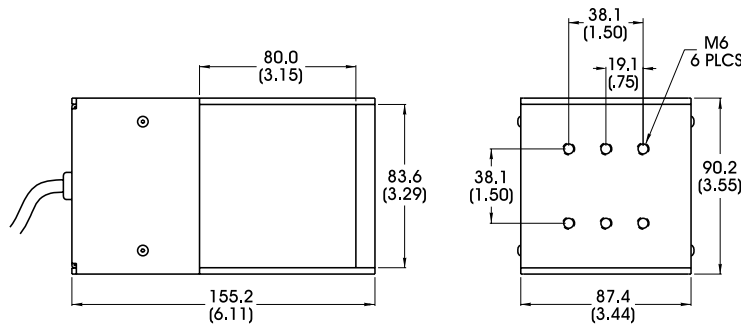
Optimal working distance:

25.4mm (1")

Effective Working Range:

12.7-50mm (.5"-2")

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	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