

# DL3316

## 1" x 1" Axial Diffuse Illuminator



- Aii** Even illumination over the full 25mm x 25mm field of view.
- Aii** Designed for use on small parts, or in environments with space limitations.

### Ordering Information

Standard Product:  
Shipped Next Day

**DL3316**

Configured for use with Ai  
Power Supply

Standard Product Variation:  
Shipped Within Two Weeks

	Spectral wavelength	Optional power Compatibility	Optional light Conditioning	Alternative Connector
DL3316 -	XXX	XX	X	XXX
	(UV) 395 <sup>◇</sup>	IS	D (Diffuser)	M12* (male)
	(blue) 470 <sup>†</sup>	C2		
	(green) 520 <sup>†</sup>	C3		
	(yellow) 590	12		
	(orange) 625	24		
	(red) 660			
	(infra-red) 880			
	(white) WHI <sup>†</sup>			

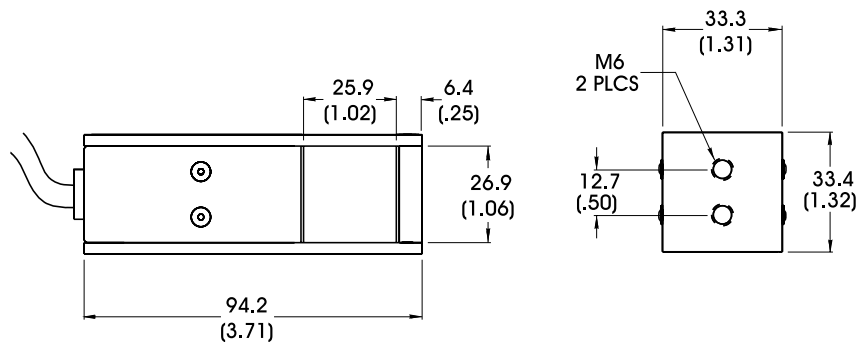
IS = ISU (requires 24v power supply)  
 C2 = Ai Connector  
 C3 = Pulsar 710 Connector  
 \* Available with IS and 24v options only  
 † Not available in 12v

**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](#)

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	80	80	120	120	N/A	N/A	mA
@24	80	80	40	40	60	60	80	N/A	mA

#### Standard Product Information

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