

# DL38144

4" x 4" Axial Diffuse Illuminator



**Aii** Even illumination over the full 100mm x 100mm field of view.

**Aii** Designed for large object inspection of specular objects.

## Ordering Information

Standard Product:  
Shipped Next Day

**DL38144-660°**

Configured for use with Ai  
Power Supply

° Standard product requires  
a dual output power supply.

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

Standard Product Variation:  
Shipped Within Two Weeks

	Spectral wavelength	Optional power Compatibility	Optional light Conditioning	Alternative Connector
DL38144 -	XXX	XX	X	XXX
	(UV) 395° (blue) 470 (green) 520 (yellow) 590 (orange) 625 (red) 660° (infra-red) 880° (white) WHI	IC IS <sup>∞</sup> C2 C3 C5 24	D (Diffuser)	M12* (male)

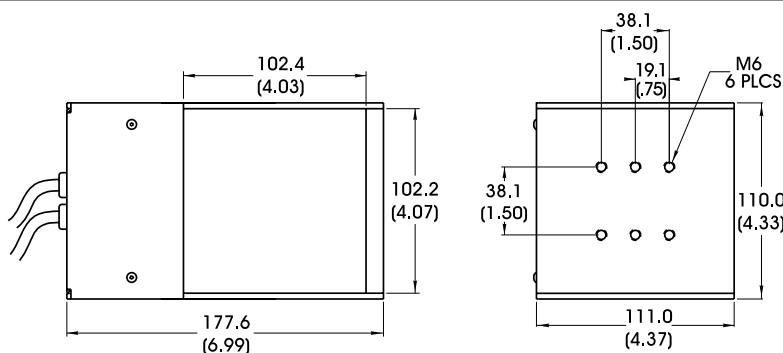
° UV LEDs have a considerably shorter  
half-life than other LEDs (< 1000hrs).  
For this reason Ai recommends these  
LEDs be used in strobe mode only. For  
applications requiring continuous 24v  
power, contact Ai for assistance.

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  
∞ - Dual cable light requires dual ISUs  
° IS option not available

## Dimensional Information



[Click for Installation  
Models & Drawings](#)

Cable Length: 1.5 Meter (59")

DIMENSIONS ARE IN MILETERS (INCHES)

### Standard Variation Current Specifications

	blue	green	yellow	orange	red	infra-red	white	
@24	480	480	450	450	460	380	480	mA

### Standard Product Information

Weight:	1397.7g (49.3 oz)
Finish:	Black Anodized
Operating Temperature:	0-60 C
Meets Specifications:	CE, RoHS
Product Lifetime:	50,000 hours