

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*

P/N: 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")

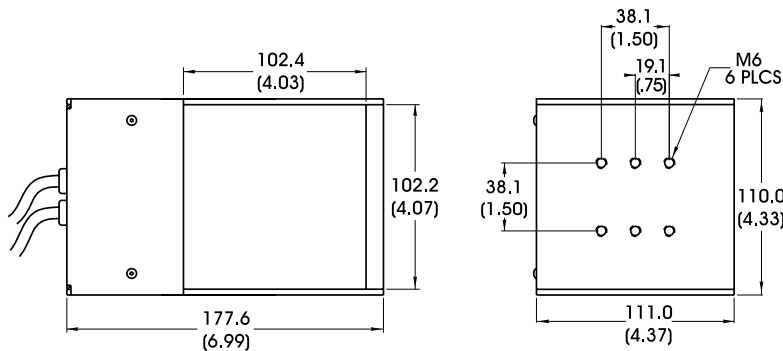
Standard Product Variation:
Shipped Within Two Weeks

	Spectral wavelength	Optional power Compatibility	Optional light Conditioning
DL38144 -	XXX	XX	X
	(UV) 395*	IC	D (Diffuser)
	(blue) 370†	12	
	(green) 520†	24	
	(yellow) 590†		
	(orange) 625†		
	(red) 660		
	(infra-red) 880		
	(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.

†Not available in 12v

Dimensional Information



DIMENSIONS ARE IN MILETERS (INCHES)

Standard Variation Current Specifications

	blue	green	yellow	orange	red	infra-red	white	RGB	
@12	N/A	N/A	N/A	N/A	540	810	N/A	N/A	mA
@24	480	480	450	450	460	380	480	N/A	mA

Standard Product Information

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