

## DL9160

### Diffuse Dome Light



- Aii** Traditional diffuse light for use with reflective objects.
- Aii** Rugged metal construction; available in RGB “All color” version.

#### Ordering Information

Standard Product:  
Shipped Next Day

### DL9160

P/N: DL9160-660  
Configured for use with Ai  
Power Supply

Standard Product Variation:  
Shipped Within Two Weeks

	Spectral wavelength	Optional power Compatibility
DL9160 -	XXX	XX
	(UV) 395*	IC
	(blue) 470 †	12
	(green) 520 †	24
	(yellow) 590	
	(orange) 625	
	(red) 660	
	(infra-red) 880	
	(White) WHI †	
	(all color) RGB †	

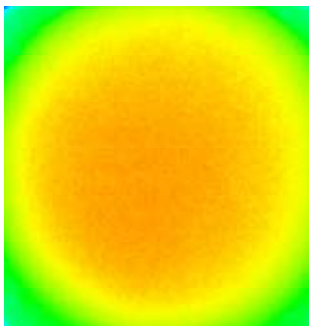
**Optimal working distance:**  
12.5mm (.5")  
**Effective Working Range:**  
12.7-50mm (.5"-2")

\*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.

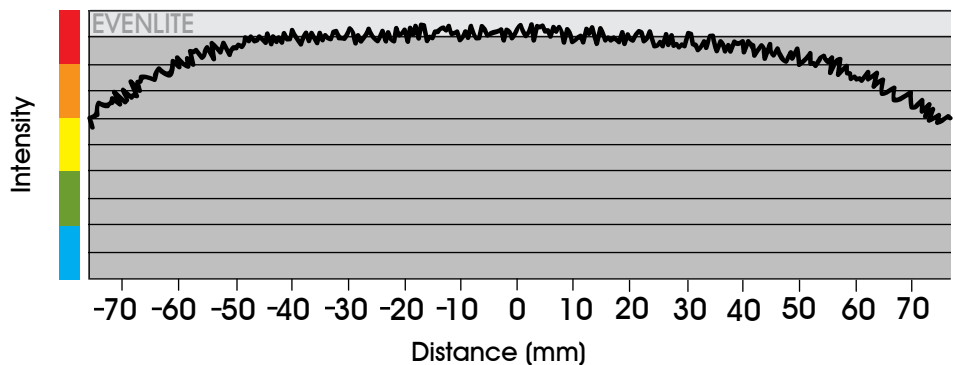
† Not available in 12v

#### Light Consistency Information

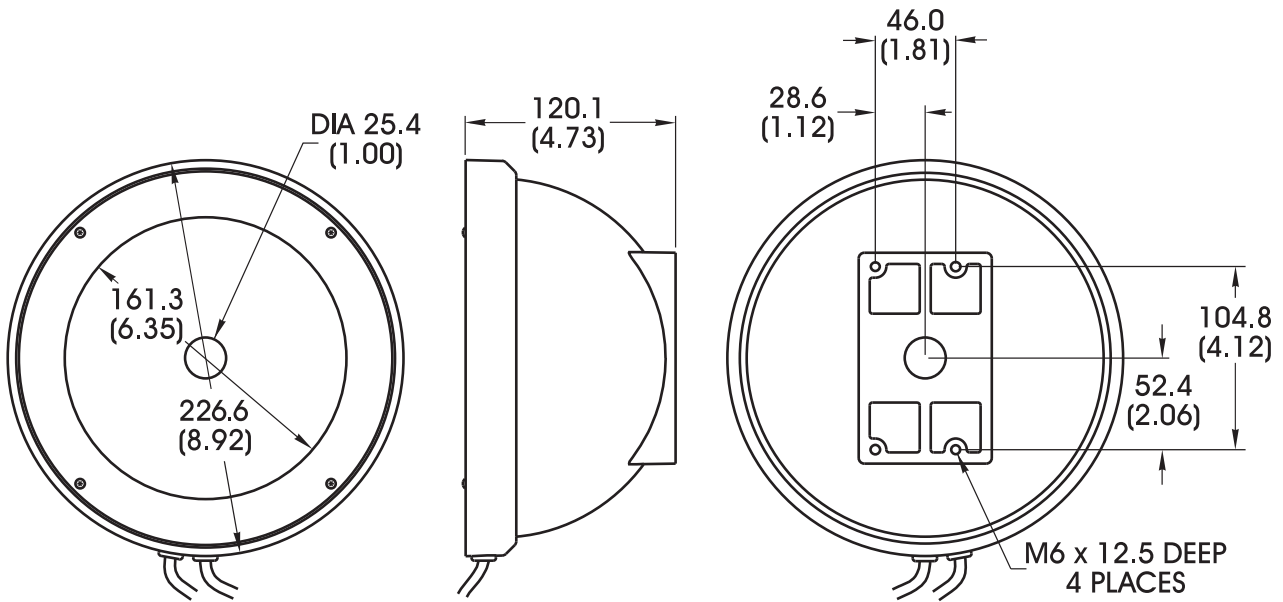
Intensity Distribution



Intensity Cross Section



Dimensional Information



Dual Cable  
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	360	360	360	360	N/A	N/A	mA
@24	480	480	360	360	360	360	480	720	mA
Ai	580	580	460	460	460	460	580	820	

Standard Product Information

Red	Max. Illumination	Irradiance (mW/cm <sup>2</sup> )	Illuminance (Lux)
	Working Distance: 12.5mm	1.69	1,350
	Working Distance: 25.4mm	1.50	1,180
	Lifetime	50,000 hrs	

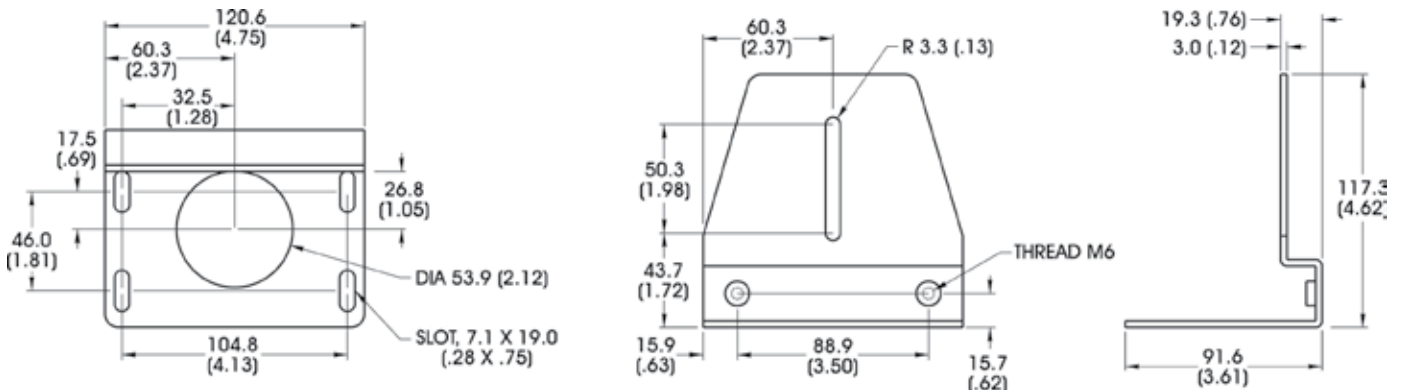
White	Max. Illumination	Irradiance (mW/cm <sup>2</sup> )	Illuminance (Lux)
	Working Distance: 12.5mm	1.27	5,100
	Working Distance: 25.4mm	1.12	4,420
	Lifetime	10,000 hrs	

General Specifications

Weight: 1,724 g (60.8 oz)  
 Finish: Painted  
 Operating Temperature: 0-60°C  
 Meets Specifications: CE, RoHS

Additional Information

Mounting Bracket (included) dimensions:



802.767.3830