

Product Highlights

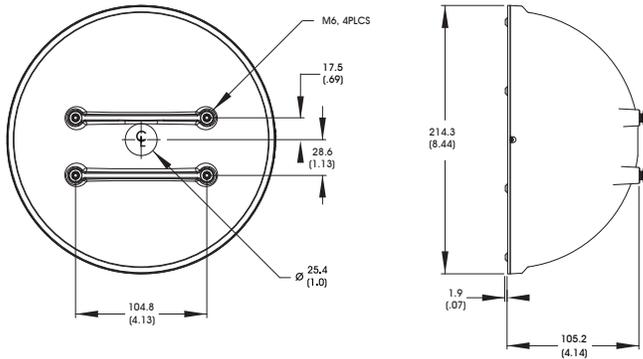
- 3x brighter than standard LEDs in the DL9160 dome
- Rugged metal construction



General Specifications

Electrical Specifications	Color	24v Current	All Other Controls
	850	0.7 A	0.33 A Max
	WHI	0.7 A	0.49 A Max
	470, 530, 625	0.7 A	0.54 A Max
	RGB	N/A	N/A
Normal Operating Temperature	0 - 60°C		
Weight (g)	1,728 g (60.8 oz.)		
Standard Cable Information	Up to 2 meters (80") long - 105°C rated PVC jacket, foil shield with drain.		
Photobiological Risk Factor IEC 62471	Exempt Applicable Wavelengths: 850 Group 1 (Low-Risk) Applicable Wavelengths: 470, 530, 625, RGB, WHI		
Compliance			
IP Rating	Not Rated		
Lumen Maintenance	L70 = 50,000 hours		

Mechanical Specifications



DIMENSIONS ARE IN MILLIMETERS (INCHES)

Part Number Key

Model	—	Spectral Wavelength	Connector/ Control	—	Alternative Connector
DL097	—	XXX	XX	—	XXX
DL097		(blue) 470 (green) 530 (red) 625 (infra-red) 850 (white) WHI (all color) RGB	C1 C2 C5 IC ³ I3 ³ I3S ³ 24v ²		M12 ¹
Ex: DL097-470C5 DL097-625I3-M12		¹ Available with IC, I3, I3S and 24v options only ² Not available for 625 or RGB ³ Not available for RGB			

Stock Product: *shipped next day*
DL097-WHIIC

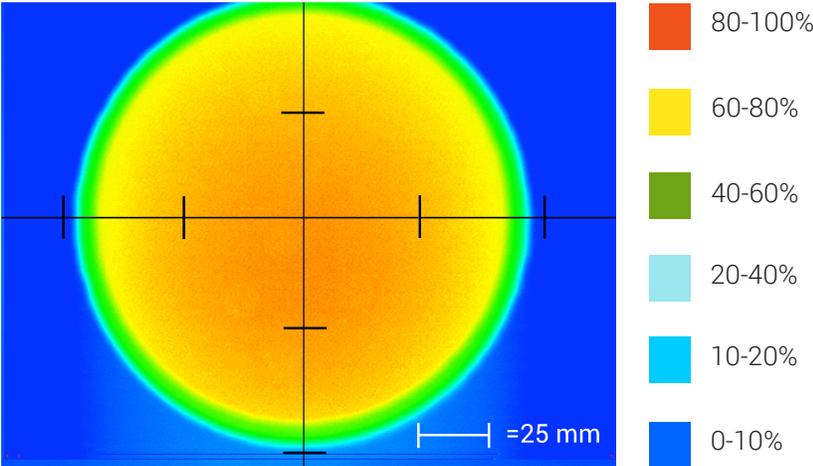
Build to Order: *shipped in two weeks*

Connector | Control Options

C1 Connector	C2 Connector	C5 Connector	IC	I3	24
For use with: DCS Series Controllers	For use with: Legacy Controllers (Not recommended for new applications)	For use with: Pulsar 320 Strobe Controller.	Continuous in-line controller Powered with: 24V power supply	Combination strobe/continuous in-line controller Powered with: 24V power supply	Flying/tinned leads Powered with: 24V power supply

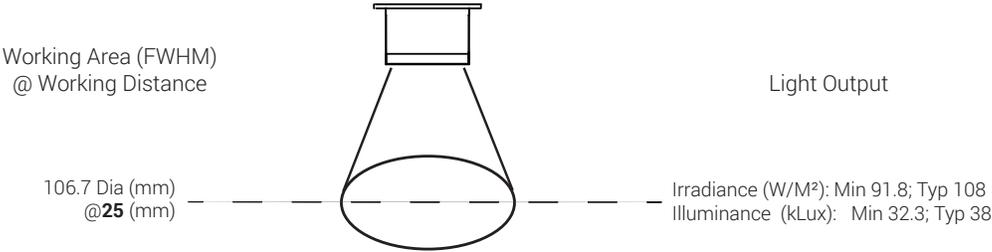
Optical Performance

Intensity Distribution



Optical measurement taken using DL097-WHIIC @ 25 mm

Area of Illuminance & Intensity



Operation and Wiring

ICS 2 (IC)

Pin (M12)	Function	Wire Color
1	+24 VDC	Brown
2	GHI	White
3	GND	Blue
4	GLO	Black

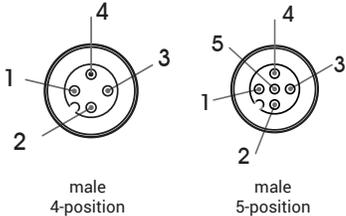
ICS 3 (I3 and I3S)

Pin (M12)	Function	Wire Color
1	+24 VDC	Brown
2	Reserved	White
3	GND	Blue
4	PNP/Active High Trigger	Black
5	0-10 VDC Analog Control	Gray

24 Volt

Pin (M12)	Function	Wire Color
1	+24 VDC	Brown
2	N/A	White
3	GND	Blue
4	N/A	Black

Optional M12 Pinout



Warranty Information

Every Advanced illumination, Inc. (Ai) product is thoroughly inspected and tested before leaving the factory. Products are warranted to be free of defects in workmanship and materials for a period of two years from the original date of purchase. Should a defect develop during this period, please contact Ai Customer Service or your Ai distributor for a Return Merchandise Authorization (RMA), and return the complete product, freight prepaid, to Ai. If a defect is found, Ai will - at our discretion - repair or replace the product without charge. Ai claims no liability for any implied warranties, including "merchantability" and "fitness for a specific purpose."

Electromagnetic Compatibility

This product was tested and complies with the regulatory requirements and limits for electromagnetic compatibility (EMC) as stated in the product specifications. These requirements and limits are designed to provide reasonable protection against harmful interference only when the product is operated in its intended industrial electromagnetic environment. To minimize the potential for electromagnetic interference or unacceptable performance degradation, install and use this product in strict accordance with the instructions in the product documentation.

Customer Service

For information on existing orders, or to make an order adjustment, contact us Monday through Friday 8:00 am to 5:00 pm, EST or send an email to orders@advill.com.

Company Information

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