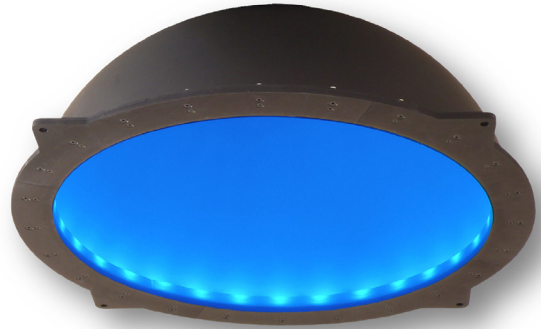





Product Highlights

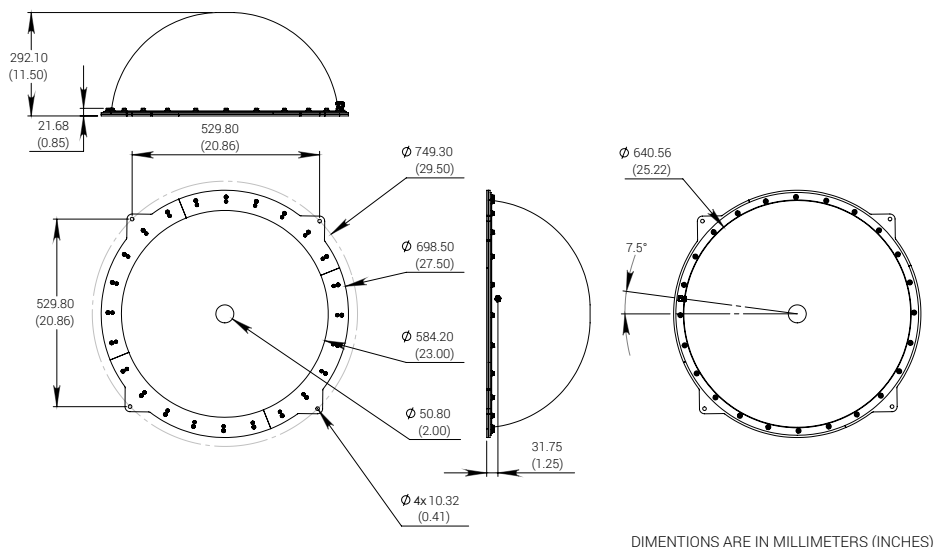
- Diffuse illumination for inspecting specular objects
- Designed for large object inspections
- 698.5mm (27.5") outside diameter



General Specifications

	Color	24v Current	All Other Controls
Electrical Specifications	625	N/A	0.53 A Max
	455, 530, WHI	N/A	0.97 A Max
Normal Operating Temperature	0 - 60°C		
Weight (g)	4998.59g (176.32oz) (11.02lb)		
Standard Cable Information	Up to 2 meters (80") long - 105°C rated PVC jacket, foil shield with drain.		
Photobiological Risk Factor IEC 62471	Group 1 (Low-Risk) Applicable Wavelengths: 455, 530, 625, WHI		
Compliance	  		
IP Rating	Not Rated		
Lumen Maintenance	L70 = 50,000 hours		

Mechanical Specifications



Part Number Key

Model	—	Spectral Wavelength	Connector/Control	—	Alternative Connector
DL080	—	XXX	XX	—	XXX
DL080		(blue) 455 (green) 530 (red) 625 (white) WHI	C1 C5 IC I3 I3S		M12 ¹
Ex: DL080-470C5 DL080-625C1-M12			¹ Available with IC, I3 and I3S options only		

Stock Product: *shipped within 3 days*
None

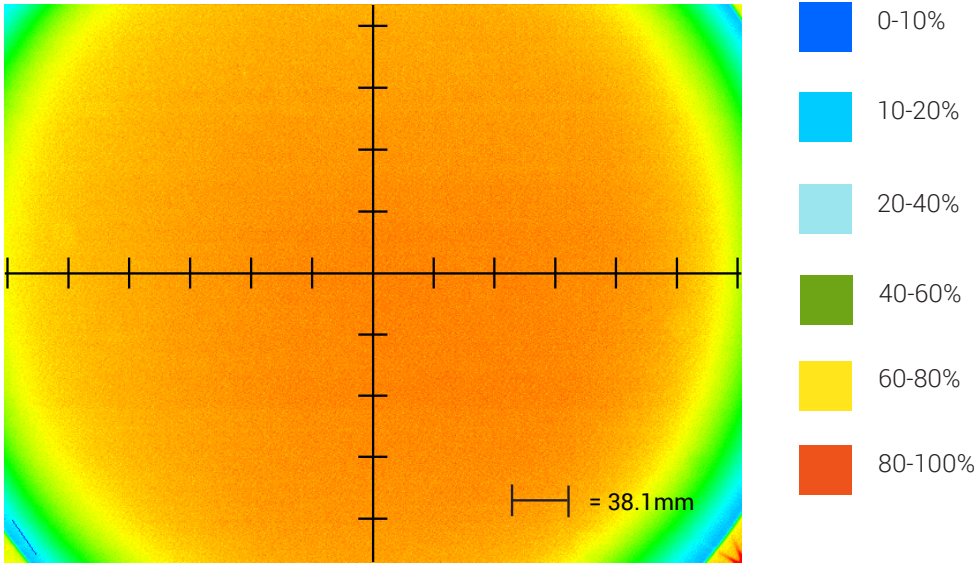
Build to Order: *shipped within four weeks*

Connector | Control Options

C1 Connector	C5 Connector	ICS 2 (IC)	ICS 3 (I3)	ICS 3S (I3S)
For use with: DCS Series Controllers	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	Default-OFF strobe/continuous in-line controller Powered with: 24V power supply

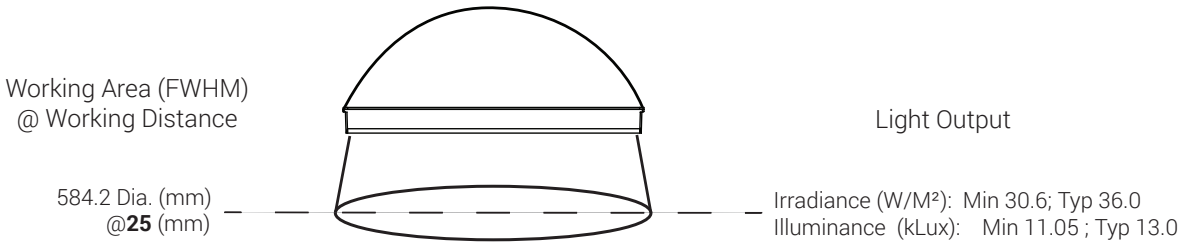
Optical Performance

Intensity Distribution



Optical measurement taken using DL080-WHIIC @ 25mm

Area of Illuminance & Intensity



Operation and Wiring

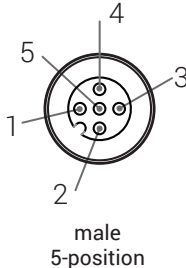
ICS 2 (IC)

Pin (M12)	Function	Wire Color
1	+24 VDC	Brown
2	0-10 VDC Analog Control	White
3	GND	Blue
4	GLO	Black
5	N/A	Gray

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

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

Advanced Illumination

440 State Garage Road, Rochester VT. 05767

Phone: 802.767.3830

Fax: 802.767.3831

Email: info@advancedillumination.com

Web: advancedillumination.com

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