

DL2230 General Purpose Diffuse Light

Product Highlights

- A modified, extremely efficient integrating light source
- Compact, space saving design ideally suited for inspecting small, specular objects

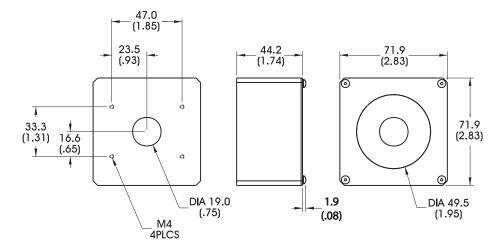


General Specifications

	Color	24v Current	All Other Controls
Electrical Specifications	880, 625	0.15 A	0.075 A Max
	395, 470, 520, WHI	0.10 A	0.05 A Max
Normal Operating Temperature	0 - 60°C		
Weight (g)	364.7g (12.9 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: 880 Group 1 (Low-Risk) Applicable Wavelengths: 470, 520, 625, WHI Group 2 (Medium-Risk) Applicable Wavelengths: 395		
Compliance	CE ROHS IEC		
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
DL2230	XXX	XX	-	XXX
DL2230	(UV) 395 (blue) 470 (green) 520 (red) 625 (white) WHI (infra-red) 880	C1 C2 C5 IC I3 I3S 24v		M121
Ex: DL2230-47 DL2230-62		Ava	ilable with IC	C, I3, I3S and 24v

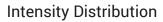
Stock Product: shipped within 3 days Build to Order. shipped within 2 weeks None

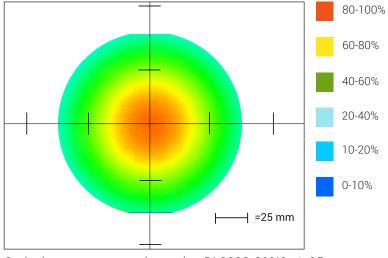
Connector | Control Options

C1 Connector	C5 Connector	ICS 2 (IC)	ICS 3 (I3)	ICS 3S (I3S)	24
For use with: DCS Series Controllers	For use with: Pulsar 320 Strobe Controller.	Continous in-line controller <i>Powered with:</i> 24V power supply	Combination strobe/continous in-line controller <i>Powered with:</i> 24V power supply	Default-OFF strobe/continous in-line controller <i>Powered with:</i> 24V power supply	Flying/tinned leads <i>Powered with:</i> 24V power supply



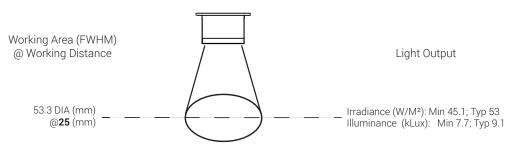
Optical Performance





Optical measurement taken using DL2230-66013 @ 25 mm

Area of Illuminance & Intensity



Operation and Wiring

ICS 2 ((IC)
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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

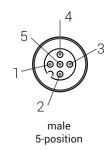
ICS 3 (I3 and I3S)

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
	(M12) 1 2 3 4	(M12)1+24 VDC2Reserved3GND4PNP/Active High Trigger50-10 VDC Analog

24 Volt

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

Optional M12 Pinout



DL2230

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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