


Product Highlights

- Consistent diffuse illumination
- Improved performance with unique modular heat sink and circuit design
- Broad range of wavelengths available
- Five Sizes Available; 25, 50, 75, 100 and 150mm



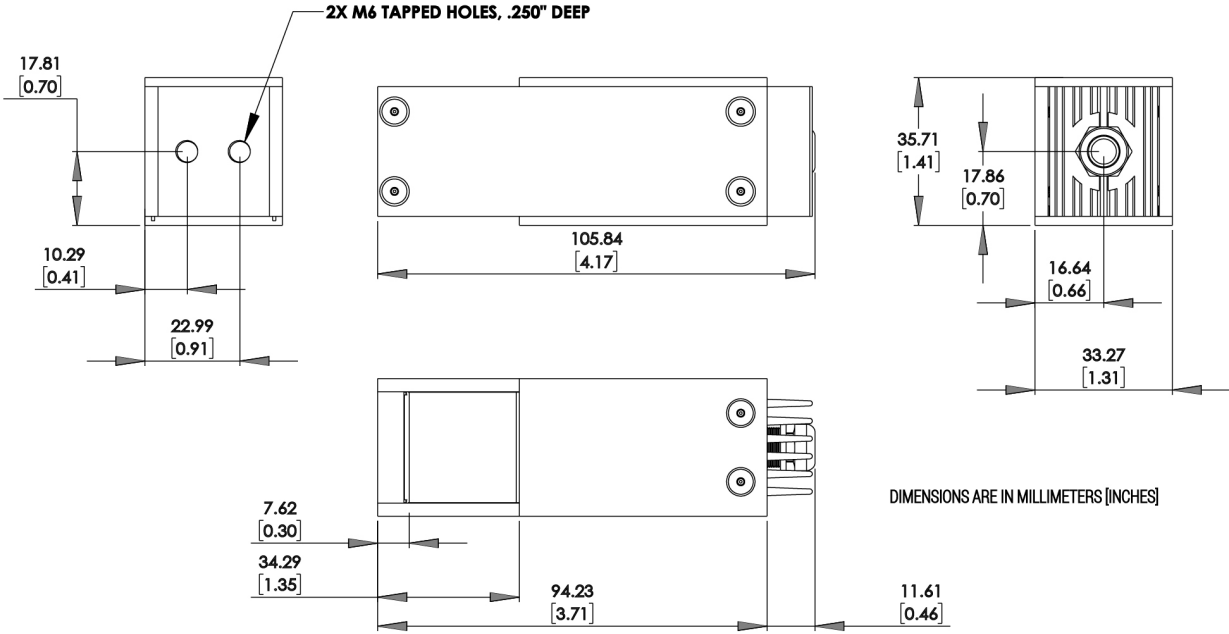
General Specifications

	Part Number	Color	24v Current	All Other Controls	
Electrical Specifications	DL225-025	365, 375, 385, 395, 405	N/A	0.8 A Max	
		590, 625	0.06 A	0.12 A Max	
		WHI, 455, 470, 530	0.06 A	0.15 A Max	
		850, 940	N/A	0.08 A Max	
	DL225-050	DL225-050	365, 375, 385, 395, 405	0.35 A	0.24 A Max
			625	0.12 A	0.24 A Max
			590	0.12 A	0.27 A Max
			455, 470, 530, WHI	0.24 A	0.27 A Max
			850	0.24 A	0.62 A Max
	DL225-075	DL225-075	940	0.23 A	0.66 A Max
			365, 375, 385, 395, 405	N/A	0.46 A Max
			590, 625	0.54 A	0.40 A Max
			455, 470, 530, WHI	0.54 A	0.55 A Max
			850	0.35 A	0.55 A Max
	DL225-100	DL225-100	940	N/A	0.55 A Max
			365, 375, 385, 395, 405	1.4 A	0.85 A Max
			625	0.48 A	0.96 A Max
			590	0.48 A	1.2 A Max
			455, 470, 530, WHI	0.96 A	0.85 A Max
	DL225-150	DL225-150	850	0.7 A	0.8 A Max
940			1.4 A	0.8 A Max	
365, 375, 385, 395, 405			2.1 A	1.19 A Max	
590, 625			1.08 A	1.09 A Max	
455, 470, 530, WHI			2.16 A	1.09 A Max	
		850	1.05 A	1.05 A Max	
		940	2.1 A	1.05 A Max	
Normal Operating Temperature	0 - 60°C				
Weight (Kg)	DL225-025: 187.89G (6.62OZ) (.414LB) DL225-050: 351.90G (12.4OZ) (.776LB) DL225-075: 818.30G (28.9OZ) (1.80LB) DL225-100: 1396.2G (49.3OZ) (3.08LB) DL225-150: 2863.1G (101OZ) (6.32LB)				
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, 940 Group 1 (Low-Risk) Applicable Wavelengths: 455, 470, 505, 530, 590, 625, 660, 730, WHI Group 2 (Moderate Risk) Applicable Wavelengths: 365, 375, 385, 395, 405				
Compliance					
IP Rating	IP50				
Lumen Maintenance	L70 = 50,000 hours				

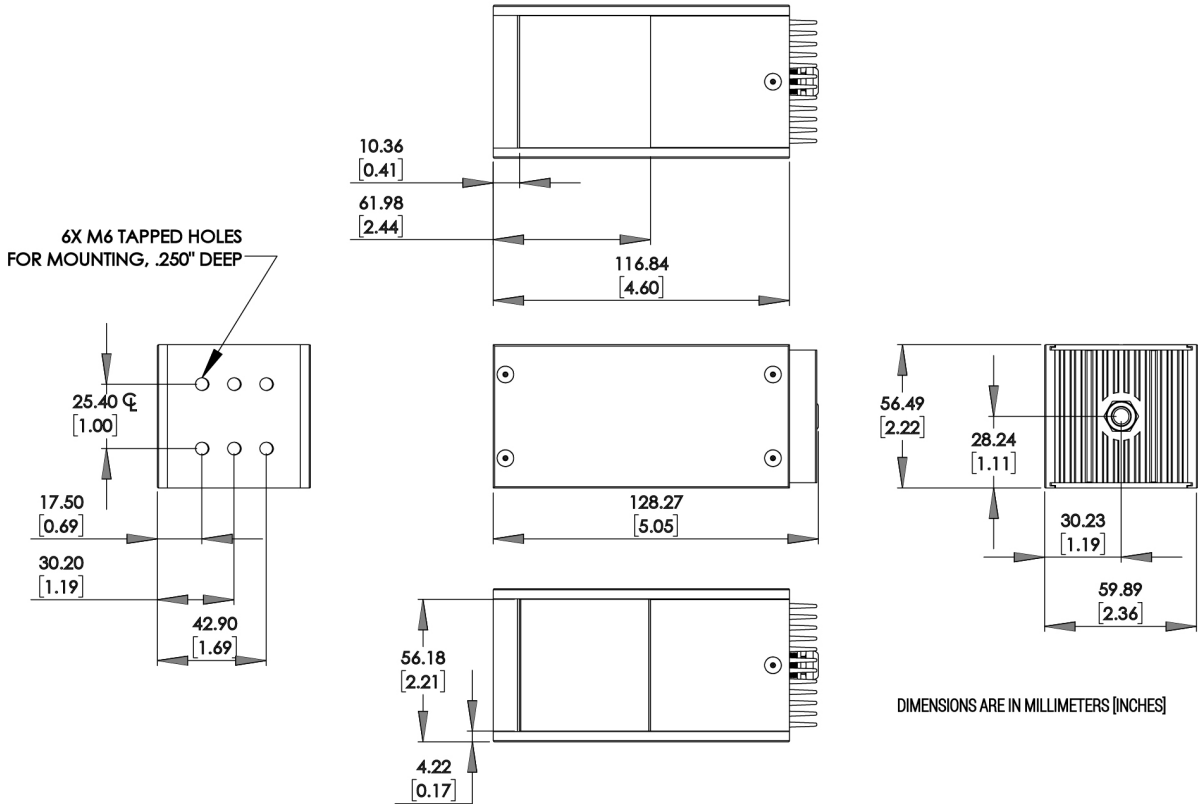
DL225 Series

Mechanical Specifications

DL225-025



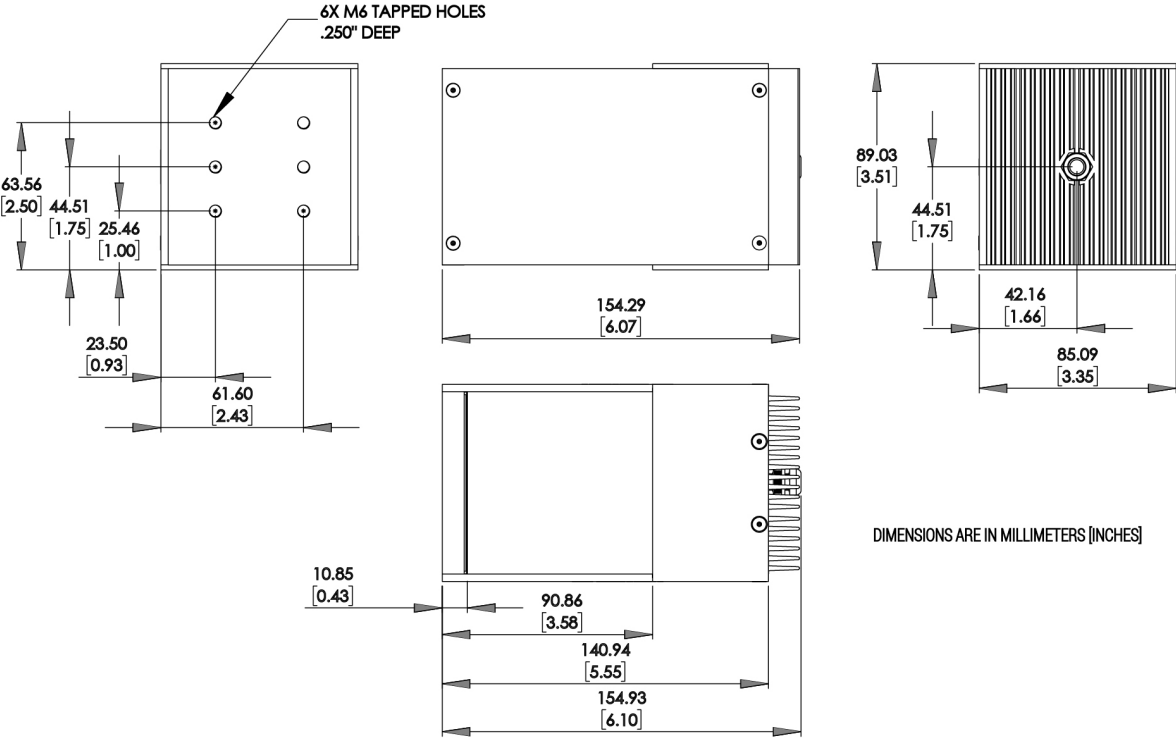
DL225-050



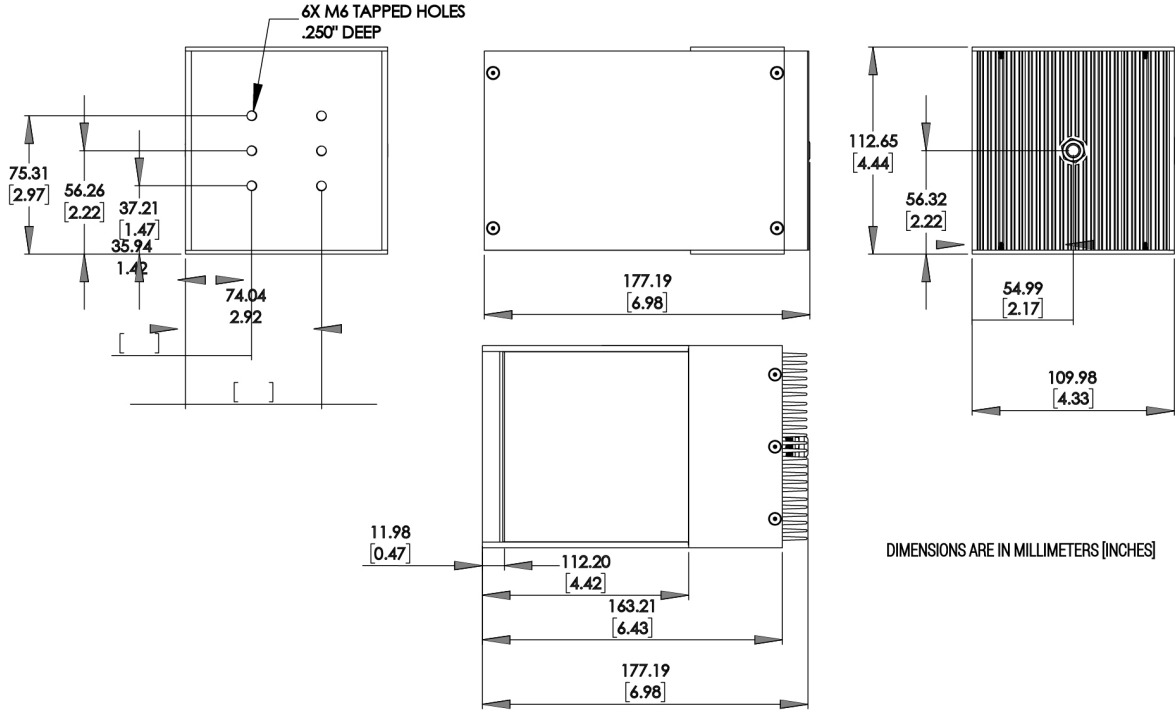
DL225 Series

Mechanical Specifications

DL225-075

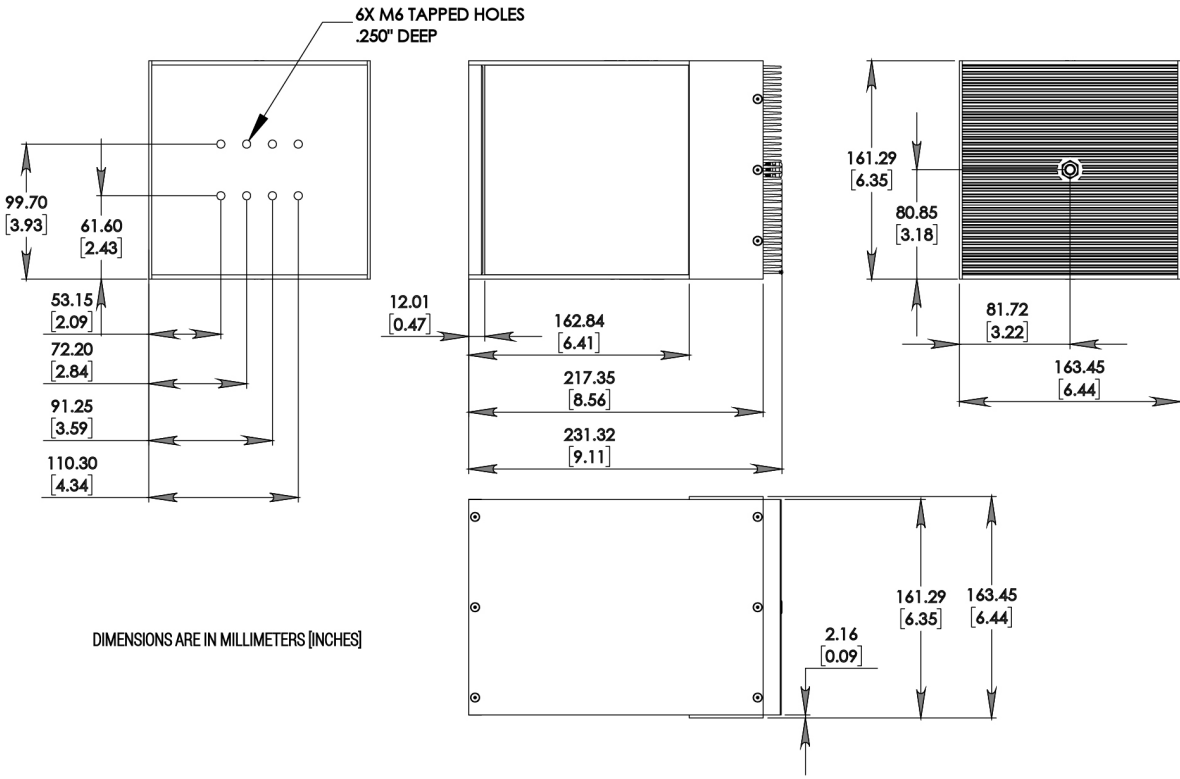


DL225-100



Mechanical Specifications

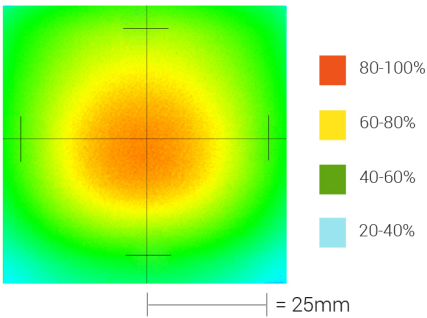
DL225-150



Optical Performance

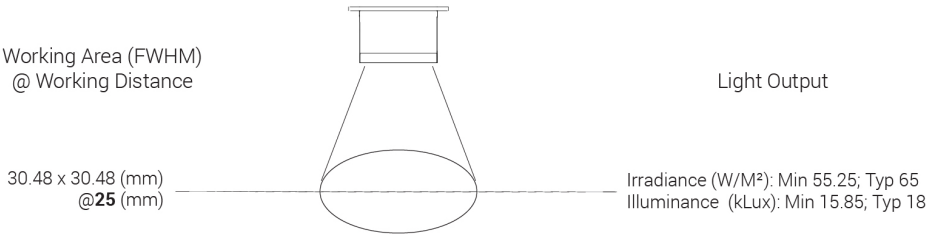
DL225-025

Intensity Distribution



Optical measurement taken using DL225-025WHIIC @ 25 mm

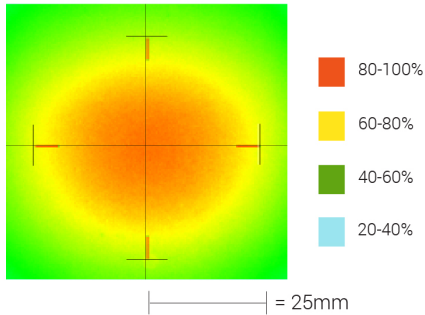
Area of Illuminance & Intensity



Optical Performance

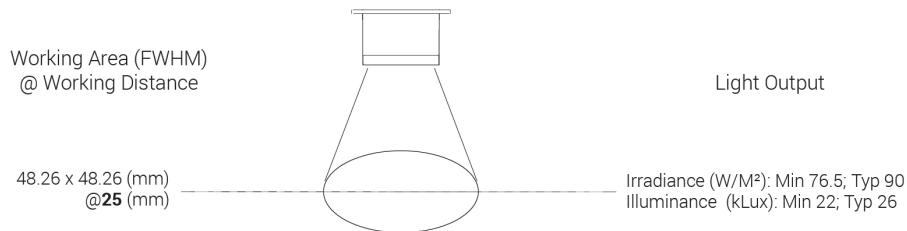
DL225-050

Intensity Distribution



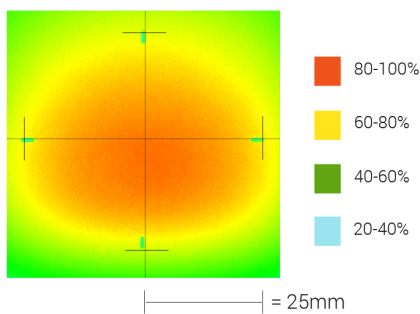
Optical measurement taken using DL225-050WHIIC @ 25 mm

Area of Illuminance & Intensity



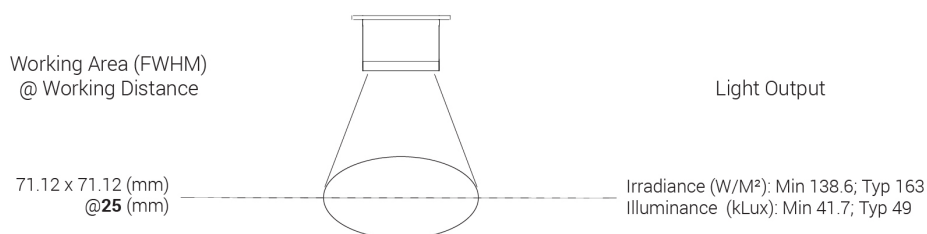
DL225-075

Intensity Distribution



Optical measurement taken using DL225-075WHIIC @ 25 mm

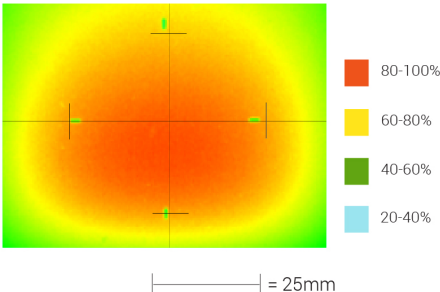
Area of Illuminance & Intensity



Optical Performance

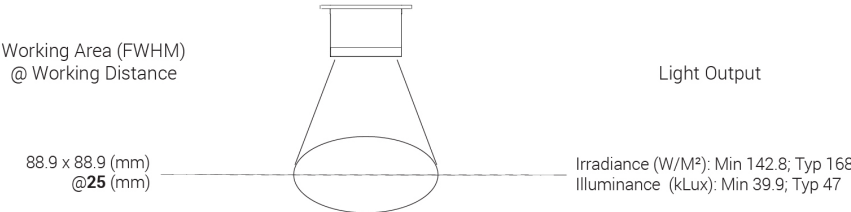
DL225-100

Intensity Distribution



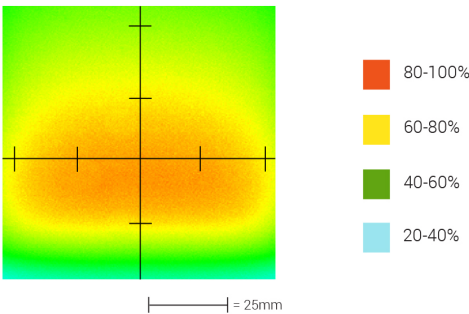
Optical measurement taken using DL225-100WHIIC @ 25 mm

Area of Illuminance & Intensity



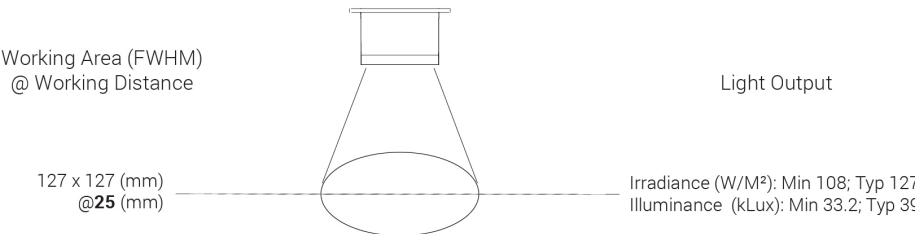
DL225-150

Intensity Distribution



Optical measurement taken using DL225-150WHIIC @ 25 mm

Area of Illuminance & Intensity



DL225 Series

Part Number Key

Model	—	Lighted Length	Spectral Wavelength	Connector/ Control	—	Alternative Connector
DL225	—	XXX	XXX	XX	—	XXX
DL225		025	(UV) 365	C1		M12 ¹
		050	(UV) 375	C5		
		075	(UV) 385	IC		
		100	(UV) 395	I3		
		150	(UV) 405	I3S		
			(deep blue) 455	24		
			(blue) 470			
			(green) 530			
			(amber) 590			
			(red) 625			
			(IR) 850			
			(IR) 940			
			(white) WHI			
Ex: DL225-050470C1 DL225-150WHIIC-M12				¹ Available with IC, I3, I3S and 24v options only		

Stock Product: *shipped within 3 days* **Build to Order:** *shipped within 2 weeks*
 DL225-050WHIIC
 DL225-050635IC

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.	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	Flying/tinned leads Powered with: 24V power supply

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

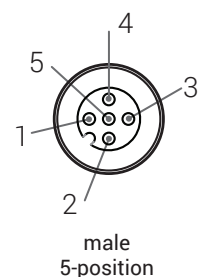
ICS 3 (I3 and I3S)

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

© 2015 Advanced Illumination Inc. All rights reserved