

Product Highlights

- High-Intensity Illumination in a Compact Package
- Available in a broad range of wavelengths
- Washdown Version Available
- Convenient M4 T-Slot for Mounting



General Specifications

	Color	24V Current	All Other Controls
Electrical Specifications	470, 505, 530, WHI	N/A	0.19 A Max
	590, 625, 660, 730	N/A	0.18 A Max
	850, 940	N/A	0.14 A Max
	365, 375, 385, 395, 405, 455	N/A	0.13 A Max
Normal Operating Temperature	0 - 60°C		
Weight	42g (1.48 oz)		
Standard Cable Information	2 M long -0/+150 mm (80" -0/+6") - 105°C rated PVC jacket, foil shield with drain.		
Photobiological Risk Factor	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	CE, RoHS, IEC 62471		
IP Rating	TBD		
Lumen Maintenance	L70 = 50,000 Hours		

Part Number Key

Model	-	Wavelength	Connector /Control	Washdown (Optional)	Diffuser (Optional)	-	Alternative Connector (Optional)
SL244	-	XXX	XXX	X	X	-	XXX
SL244	-	(UV) 365 (UV) 375 (UV) 385 (UV) 395 (VIOLET) 405 (ROYAL BLUE) 455 (BLUE) 470 (CYAN) 505 (GREEN) 530 (AMBER) 590 (RED ORANGE) 625 (RED) 660 (FAR RED) 730 (IR) 850 (IR) 940 (WHITE) WHI	C1 C5 Q4 IC I3 I3S	W	D ²	-	M12 ¹

Ex: SL244-660I3D-M12
SL244-WHIC1

BUILD TO ORDER: SHIPS WITHIN 2 WEEKS

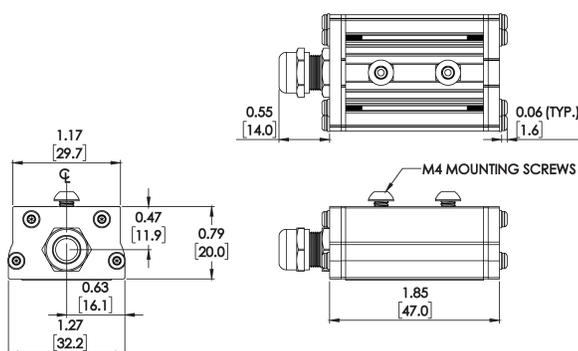
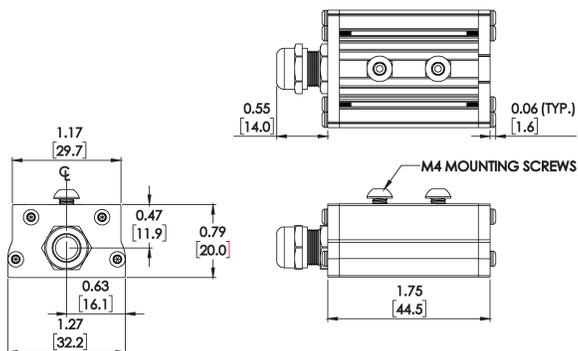
¹ AVAILABLE WITH IC, I3, I3S, AND 24V

² DIFFUSER NOT AVAILABLE WITH WAVELENGTHS OF 365, 375, 385, 395, AND 405

Mechanical Specs

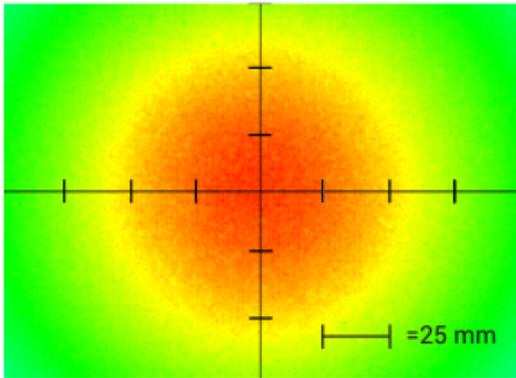
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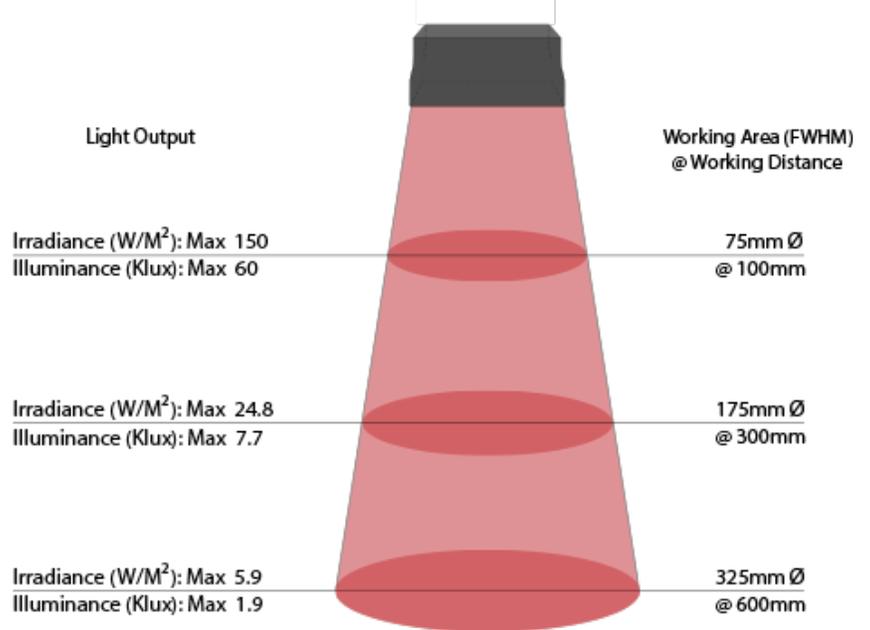
Optical Specs

Intensity Distribution



Optical measurement taken using SL244-625I3 @ 300 mm

Area of Illuminance & Intensity



Electrical Specs

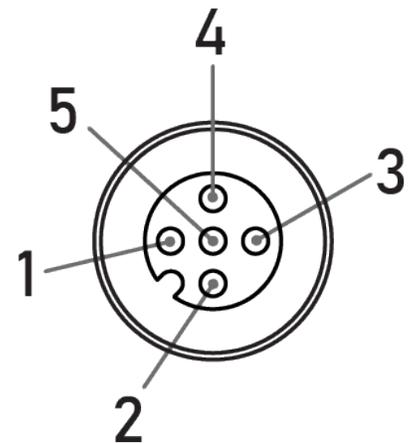
ICS 2 (IC)

PIN (M12)	FUNCTION	WIRE COLOR
1	24V DC	BROWN
2	0-10V ANALOG CONTROL	WHITE
3	DC GND	BLUE
4	GLO	BLACK
5	N/A	GRAY

ICS 3 (I3 & I3S)

PIN (M12)	FUNCTION	WIRE COLOR
1	24V DC	BROWN
2	SHIELD	WHITE
3	DC GND	BLUE
4	PNP/ACTIVE HIGH TRIGGER	BLACK
5	0-10V ANALOG CONTROL	GRAY

Optional M12 Pinout



MALE
5-POSITION

Control Specs

C1 CONNECTOR	C5 CONNECTOR	ICS 2 (IC)	ICS 3	ICS 3S (I3S)	24 VOLT
For use with: DCS Series Controllers Strobe/Continuous Controllers	For use with: Pulsar 320 High Power Strobe Only Controller	In-line Continuous Controller Powered with: 24V Power Supply	In-line Strobe/ Continuous Controller Default On Powered with: 24V Power Supply	In-line Strobe/ Continuous Controller Default Off Powered with: 24V Power Supply	Flying/Tinned Leads Powered with: 24V Power Supply

Note: Selecting a Q4 connection will result in 4 spot lights wired to 1 connector, each spot light operating on a single channel.

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 FIVE YEARS from the original date of purchase. Should a defect develop during this period, customers may return the complete product, freight prepaid, to one of Ai's distributors or to the Ai factory. All product warranty returns require a Return Merchandise Authorization (RMA) number which is obtained from Customer Service. The RMA number must be clearly marked on the outside of the package. Ai will inspect the unit, and if a defect is found will, at our option, repair or replace the product without charge. Ai disclaims liability for any implied warranties, including implied warranties of "merchantability" and "fitness for a specific purpose." For products under warranty that have since been discontinued, Ai will make an effort to replace with equivalent parts; for circumstances that do not allow for equivalent replacement, Ai reserves the right to repair or replace these products with an updated version. Ai cannot be held responsible for the unauthorized or inappropriate use of its products. Any unauthorized repair or modifications will result in a voided warranty.

No Liability for Consequential Damages: In no event shall Ai be liable for any consequential, special, incidental, or indirect damages of any kind arising from the sale or use of the products.

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 ET or send an email to orders@advancedillumination.com.

Company Information

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