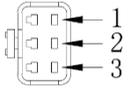
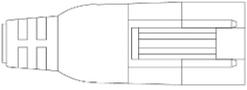


Spot Light 90 x 80



SMD LEDs with special user changeable optical lenses (30,60,90 degrees) . Mounting brackets for angle adjustability and connection brackets are included. Connected to the light is a 45cm cable with a M12 5-pin connector. Included in the package is also an 3 meter M12 to FCB-3 cable.

Technical specifications

Light color	White (W)	6500K
	Red (R)	On request
	Green (G)	On request
	Blue (B)	On request
	Infrared (IR)	On request
	Ultraviolet (UV)	On request
Opening angle	90°	Pre-installed lens
	60°	Included
	30°	Included
Voltage / Power	24Vdc / 36W	Continuous
	48Vdc / 156W	Strobed (configuration required)
		10ms max pulse length and 10% duty cycle
Connector	M12 (45cm)	 <p>1: +24V 3: GND</p>
	JST-SMR-03V-B / FCB-3 (300cm)	  <p>1 : +24V 2: NC 3: GND</p>
Operating environment	Temperature	-40~55 °C
	Humidity	20~85 %
Materials	Aluminum	Housing
	Polycarbonate	Lens
Dimension (mm)	100 x 140 x 54	
Weight	790 gram	
IP Rating	IP67	
Protection	Over-temperature protection built in	
Certification	CE / RoHS	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof. Neither VA Imaging nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document..

Accessories	VA-CABLE-MVL-FCB3-1	1 meter extension cable	
	VA-CABLE-MVL-FCB3-3	3 meter extension cable	
	VA-CABLE-MVL-FCB3-OE-3	3 meter open end cable	
	VA-CABLE-MVL-FCB3-5	5 meter extension cable	
Compatible Power Supply (Dimmable/Trigger)	VA-PS2-A4-60W-24V	Analog 4 Channel / 24V / Total 60W / Max. 36W per channel	
	VA-PS2-A2-150W-24V	Analog 2 Channel / 24V / Total 150W / Max. 72W per channel	
	VA-PS2-A4-150W-24V	Analog 4 Channel / 24V / Total 150W / Max. 48W per channel	
	VA-PS5-D4-150W-24V	Digital 4 Channel / 24V / Total 150W / Max. 72W per channel	

Cable exit with M12-5pin connector

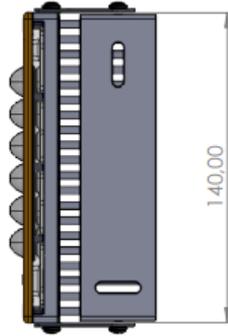
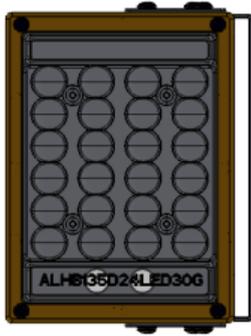
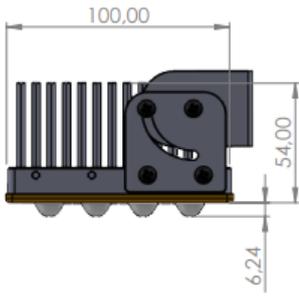


M12-5pin to FCB connection cable 3m



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Technical drawing



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Strobe configuration

Using the light strobed will enhance thermal management while maintaining the light output. Over strobing the light on 48 volt will significantly increase the light output while keeping thermal performance managed.

When using 48V, the configuration of the spot should be adjusted using jumpers (J2, J3, J4) on the PCB. Using the light continues on 48V will significantly decrease the lifespan of the light.



24V / 48V jumper configuration

Product number

VA - SL - Emitting surface 90x80 - Color W