

PRODUCT HIGHLIGHTS

- ✓ High uniformity
- ✓ High intensity
- ✓ Reverse polarity protection
- ✓ Built-in driver & trigger
- ✓ Optional built-in dimmer



GENERAL SPECIFICATIONS

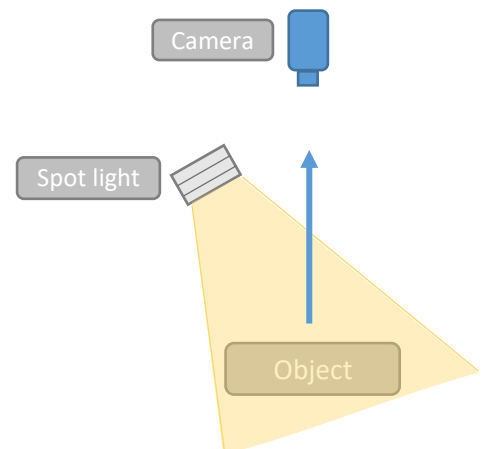
Specifications	SL09
Power supply	24Vdc
Max. current	0.31 Amp
Connector	M8 3-pin or M8 4-pin
Size	97x97x25.4mm
Light window area	80x80mm
Trigger	24V active high
Working temperature	0-50 °C

APPLICATIONS

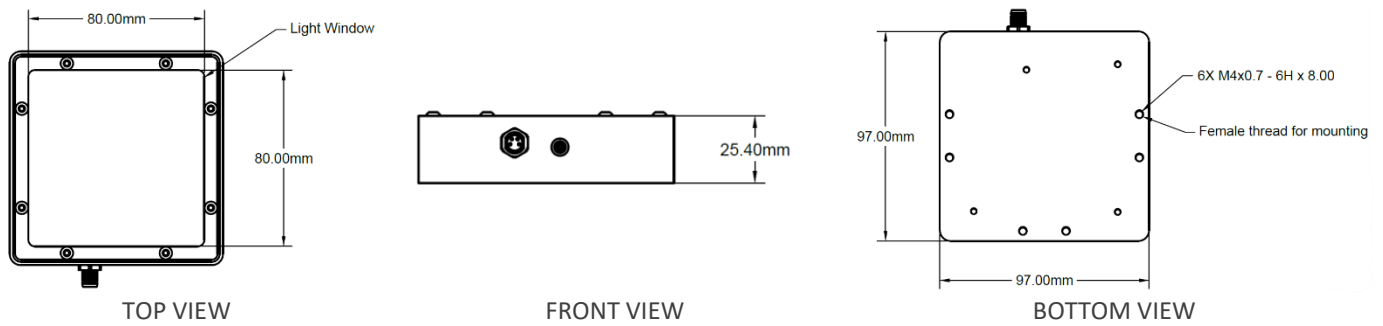
This lighting is designed to directly project the light to the object to be inspected highlighting the textures and producing contrast so that any imperfection produces a clear shadow.

Application examples:

- Locate or measure outside dimensions
- Illuminate flat, diffused surfaces
- Product defect inspection
- Label inspection and placement verification
- Non-diffuse incident (front) lighting



MECHANICAL SPECIFICATIONS



Dimensions are in millimeters

PART NUMBER KEY

SL09 - [] - [] - [] - []

COLOR **LENSES** **WINDOW** **DIMMER**

W57 **625** **014**= 14° T= Transparent **Leave blank** for built-in PWM dimmer
530 **470** **045**= 45° S= Semi-diffuse **A**= Built-in Analog dimmer
850 **O**= Opaline

Part Number Example:

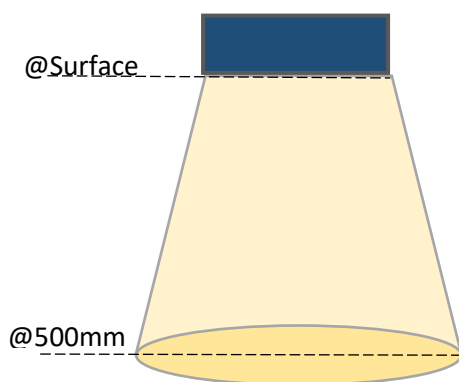
SL09-625-014-S

Spot light, Red, Semi-diffuse, Built-in PWM dimmer

SL09-W57-045-T-A

Spot light, White, Transparent, Built-in Analog dimmer

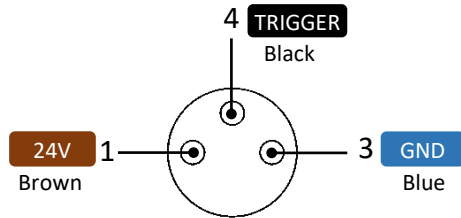
LIGHT PATTERNS



DISTANCE	ILLUMINATION INTENSITY (LUX)
Surface	145,000
500mm	16,900

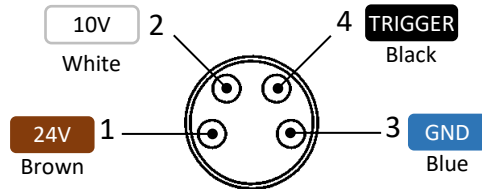
Illuminance measurement taken on White Light

WIRING INFORMATION



Connector front view

PIN	FUNCTION	WIRE COLOR
1	24 V	Brown
3	GND	Blue
4	TRIGGER	Black



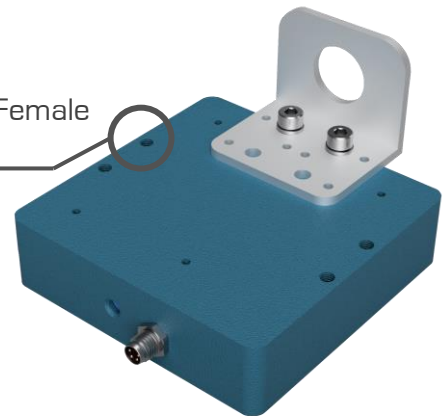
Connector front view

PIN	FUNCTION	WIRE COLOR
1	24 V	Brown
2	DIMMER *	White
3	GND	Blue
4	TRIGGER *	Black

MOUNTING

MV Lighting recommends the **M5x10 screws** to mount a SLO9 spot light.

M5x0.8 - 6H ↓ 8.00 Female thread for mounting



- All images are representative only, by way of reference.
- The design and specifications of this product are subject to change without notification for product improvement
- The total or partial reproduction of this document is prohibited without the express permission of the owner.

"mvlighting" is a commercial brand of company "ALT INGENIERÍA INDUSTRIA Y TECNOLOGÍA SA DE CV"