

Spotlight white light

LSLW001

Part Number



- Compact M30 standard design with IP67 degree of protection and zoom lens
- Continuous mode or strobe mode synchronized with the camera
- Homogeneous illumination of small areas

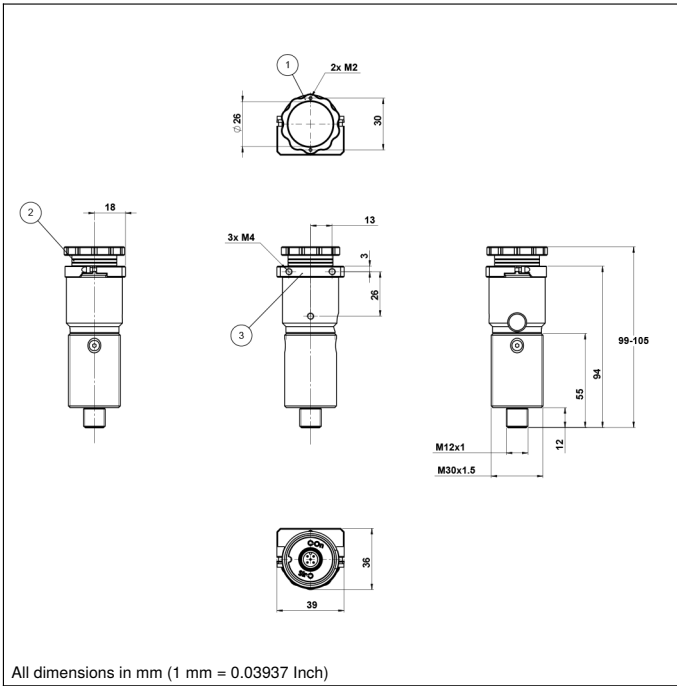
The LSL spotlight has a built-in, lockable zoom lens that provides an exceptional range of visual field, working distance and brightness variability. The illumination can be operated in continuous mode or synchronized with the camera in overdrive strobe mode.

Technical Data

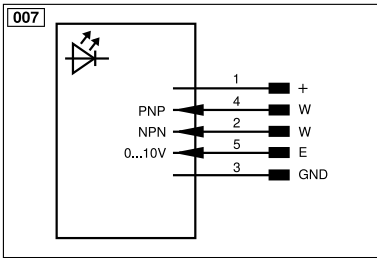
Optical Data	
Light Source	White Light
Color temperature	5700 K
Risk Group (EN 62471)	1
Aperture angle	4...26 °
White light output	360000 Lux
Measuring point distance	100 mm
Environmental conditions	
Temperature Range	-10...40 °C
Storage temperature	-20...60 °C
Atmospheric humidity	< 80%, non-condensing
Electrical Data	
Supply Voltage	21,6...26,4 V DC
Current consumption flash mode overdrive (operating voltage = 24 V)	550 mA
Current Consumption Continuous Mode (U _b = 24 V)	200 mA
Flash Duration	10 ms
Duty Cycle	< 0,2
Dimming	0...10 V ± 100...30%
Overdrive	yes
Rise time	4 μs
Fall time	25 μs
Input signal	PNP/NPN
Short Circuit and Overload Protection	yes
Reverse Polarity Protection	yes
Protection Class	III
Mechanical Data	
Housing Material	Aluminum, anodised
Housing Material	Glass
Housing Material	Plastic, PMMA
Optic Cover	Plastic, PMMA
Degree of Protection	IP67
Connection	M12 × 1; 5-pin
Connection Diagram No.	007
Suitable Mounting Technology No.	130

Complementary Products

Connection cables
ZSLG001 polarization filter
ZSLZ001 mounting adapter



All dimensions in mm (1 mm = 0.03937 Inch)



Legend					
+	Supply Voltage +	nc	Not connected	EN _{BR5422}	Encoder B/B̄ (TTL)
-	Supply Voltage 0 V	U	Test Input	ENA	Encoder A
~	Supply Voltage (AC Voltage)	Ū	Test Input inverted	EN _B	Encoder B
A	Switching Output (NO)	W	Trigger Input	AMIN	Digital output MIN
Ā	Switching Output (NC)	W-	Ground for the Trigger Input	AMAX	Digital output MAX
V	Contamination/Error Output (NO)	O	Analog Output	AOK	Digital output OK
ȳ	Contamination/Error Output (NC)	O-	Ground for the Analog Output	SY In	Synchronization In
E	Input (analog or digital)	BZ	Block Discharge	SY OUT	Synchronization OUT
T	Teach Input	Amv	Valve Output	OLT	Brightness output
Z	Time Delay (activation)	a	Valve Control Output +	M	Maintenance
S	Shielding	b	Valve Control Output 0 V	rsv	Reserved
RxD	Interface Receive Path	SY	Synchronization	Wire Colors according to DIN IEC 60757	
TxD	Interface Send Path	SY-	Ground for the Synchronization	BK	Black
RDY	Ready	E+	Receiver-Line	BN	Brown
GND	Ground	S+	Emitter-Line	RD	Red
CL	Clock	±	Grounding	OG	Orange
E/A	Output/Input programmable	SnR	Switching Distance Reduction	YE	Yellow
	IO-Link	Rx+/-	Ethernet Receive Path	GN	Green
PoE	Power over Ethernet	Tx+/-	Ethernet Send Path	BU	Blue
IN	Safety Input	Bus	Interfaces-Bus A(+)/B(-)	VT	Violet
OSSD	Safety Output	La	Emitted Light disengageable	GY	Grey
Signal	Signal Output	Mag	Magnet activation	WH	White
BI_D+/-	Ethernet Gigabit bidirect. data line (A-D)	RES	Input confirmation	PK	Pink
EN _{o RS422}	Encoder 0-pulse 0/0̄ (TTL)	EDM	Contactor Monitoring	GNYE	Green/Yellow
PT	Platinum measuring resistor	EN _{AR5422}	Encoder A/Ā (TTL)		

