

# Low Angle Light

White infrared light, 130 mm

## LMLX202


Part Number



- 4 sectors selectable
- Bicolor
- No external control required
- Overdrive
- Quick and easy replacement of accessories

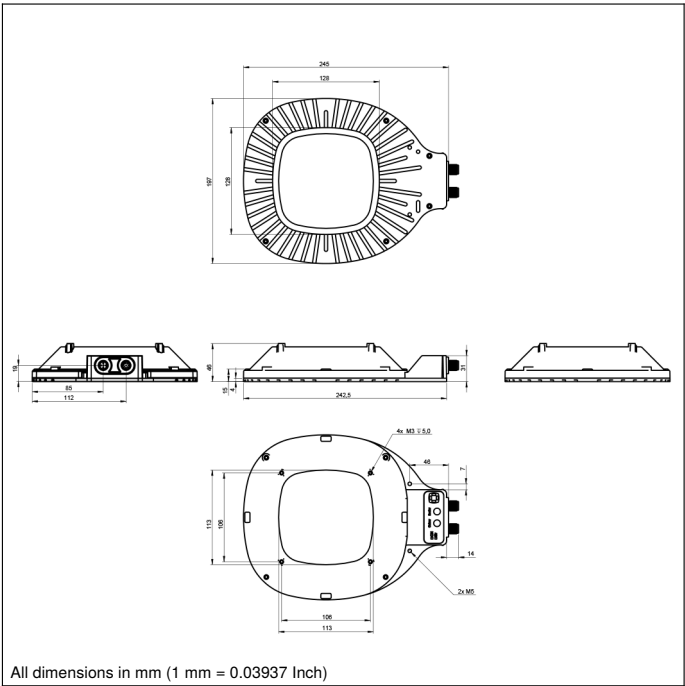
The LMLX lights are a series of low angle lights. In this case, "low angle" means that the light enters with an angle of incidence of 45°. This light is therefore perfect for inspecting edges and scratches on all types of surfaces. The light can be operated in continuous mode or synchronized with the machine vision camera in strobe mode or strobe mode with increased intensity (overdrive).

### Technical Data

Optical Data	
Light Source	White-infrared light
Color temperature	5000 K
Wavelength	860 nm
Risk Group (EN 62471)	1
White light output	63600 Lux
Infrared light output	38 W/m <sup>2</sup>
Measuring point distance	20 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
Power	10,08 W
Peak power	42 W
Current Consumption Continuous Mode (U <sub>b</sub> = 24 V)	0,42 A
Current consumption flash mode overdrive (operating voltage = 24 V)	1,75 A
Flash Duration	2 ms
Duty Cycle	< 0,1
Rise time	15 µs
Fall time	10 µs
Input signal	PNP/NPN
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Protection Class	III
Dimming	0...10 V ± 100...30%
Overdrive	yes
Mechanical Data	
Housing Material	Aluminum, PMMA, ABS
Degree of Protection	IP65
Optic Cover	Plastic, PMMA
Connection	M12 × 1; 5-pin
Max. cable length	40 m
Camera aperture inner diameter	130 mm
Function	
Operating modes	Continuous, Strobe Overdrive
Connection Diagram No.	
Control Panel No.	<b>T18</b>
Suitable Mounting Technology No.	<b>927</b>

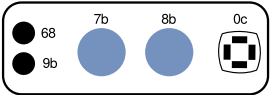
### Complementary Products

ZC4G003 connection cable
ZDCG004 connection cable
ZDCG005 connection cable



### Ctrl. Panel

**T18**



0c = sector selection indicator  
68 = supply voltage indicator  
7b = Color Selection Button  
8b = Sector Selection Button  
9b = Strobe Mode Indicator