

# Multiple Color Programmable LED Work Light with IO-Link Technology

## QDML-IOL



### PRODUCT SPECIFICATION

QDML-IOL

**Materials** Housing-Al, Lens-PU

**Ambient operating temperature** 0°C to +50°C




**Protection rating** IP67



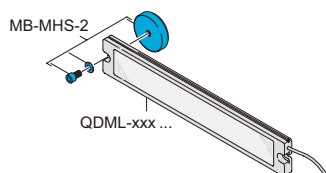
QDML-IOL

- State-of-the-art multi colored LED Work Light with IO-Link technology
- Signaling device optimized for Industry 4.0
- Plug & play technology applied for immediate operation when mounted on an international standard M12 connector
- 8 types of preset color modes and user-defined settings
- Convenient environment setting possible via IO-Link
- Available in a variety of lengths from 125mm to 900mm, allowing customers can choose an appropriate options
- High protection rating of IP67 allows use in various environments
- Ambient operating temperature: 0°C to +50°C

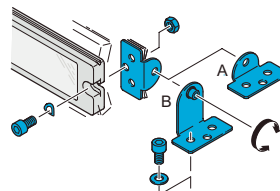
### QDML-IOL Multi-Segment IOL Signal Lighting

Optics Specifications					
Model number	QDML-IOL-125	QDML-IOL-250	QDML-IOL-480	QDML-IOL-700	QDML-IOL-910
Lens Color	Transparent				
Light color	Red, Green, Yellow, Blue, White, Orange, Pink, Customization				
Deflection angle FWHM	120°				
Specifications					
Model number	QDML-IOL-125	QDML-IOL-250	QDML-IOL-480	QDML-IOL-700	QDML-IOL-910
Voltage	DC24V				
Range for operation voltage	DC18V-DC30V (Supply Class 2)				
Power consumption	3W	5W	9.1W	13.4W	17.5W
Insulation resistance	Min. 100MQ(500V DC mega ohm meter)				
Withstanding voltage	DC: 500VAC, 60Hz, 1 minute/AC: 1,500VAC, 60Hz, 1 minute				
Operating temperature	0°C to +50°C				
Protection rating	IP67				
Materials	Housing-Al, Lens-PU				
Certification	 IO-Link  				
Weight(Approx.)	0.115kg	0.21kg	0.39kg	0.55kg	0.70kg

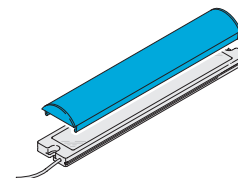
### Structural features



Magnetic Holder Set



Mounting Bracket

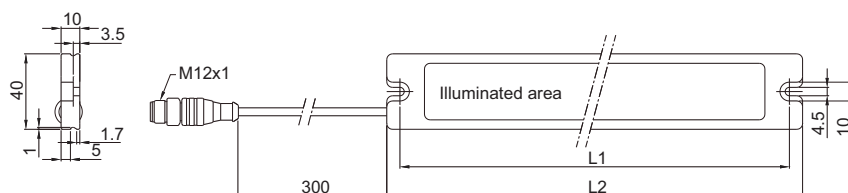


Diffusor

### Technical Diagram

Units: mm

#### QDML



Model	L1	L2
QDML-IOL-125	115	125
QDML-IOL-250	240	250
QDML-IOL-480	466	480
QDML-IOL-700	686	700
QDML-IOL-910	896	910

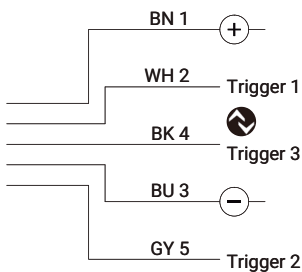
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## QDML-IOL



### Wiring Instructions

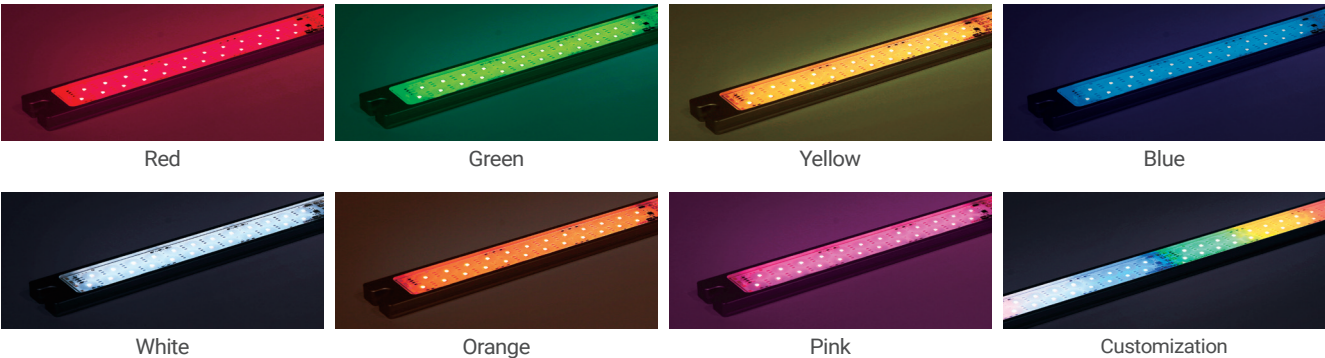
-QDML-IOL



Operating mode: External trigger							
TRIG 1	TRIG 2	TRIG 3	Pre-set	Factory setting			
				Var. 126		Var. 251-911	
0	0	0	1	Off	Off		
1	0	0	2	Red	Red		
0	1	0	3	Green	Green		
1	1	0	4	Yellow	Yellow		
0	0	1	5	Blue	Blue		
1	0	1	6	Red	Red		
0	1	1	7	Green	Green		
1	1	1	8	Red Cycling	Yellow		

All Trigger Inputs have a delay -50 ms.  
Pre-sets can b defined via IO-Link.

### Signal Color Options



### Ordering Specification

QDML-IOL	-	480	-	24
[Model number]		[Product length]		[Voltage]
QDML-IOL		125-125mm 250-250mm 480-480mm 700-700mm 910-910mm		24-DC24V