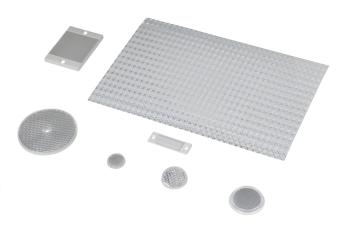
1-800-633-0405 Reflectors

RL Series Reflectors for Polarized Reflective Photoelectric Sensors (All Models)

- Suitable for use with polarized light photoelectric sensors
- Shapes and sizes for most applications
- Miniature types for close mounting in multiple sensor installations
- Single hole, dual hole and self-adhesive mounting types available
- Single and 10-packs available

Installation Notes

- Keep the reflector surface clean to ensure peak detection performance. This is especially true when the maximum sensing range is being used. Clean using a damp cloth.
- When selecting a reflector, it is important to consider the ambient conditions it will be exposed to. Dusty or high humidity conditions may reduce the sensing range as much as 90%.
- Reflectors should be positioned at a 90° angle to the optical axis with a tolerance of $\pm 15^{\circ}$.



Reflector Specifications								
Part number	Price	Drawing Link	Quantity	Dimensions mm [in]	Degree of Protection	Mounting	Materials	
<u>RL102</u>	\$38.00	- <u>PDF</u>	10	25 [0.98]	IEC IP67	Customer-supplied adhesive or other mounting method required		
<u>RL102-1</u>	\$4.25		1					
<u>RL103</u>	\$42.50	- <u>PDF</u>	10	34.5 [1.36]				
<u>RL103-1</u>	\$4.75		1					
<u>RL104</u>	\$42.50	- <u>PDF</u>	10	46				
<u>RL104-1</u>	\$4.75		1	[1.81]				
<u>RL105G</u>	\$38.00	PDF	10	95 x 38 [3.74 x 1.50]		Two 4.3 mm holes	Reflective face: PMMA Polymethylmethacrylate (acrylic)	
<u>RL105G-1</u>	\$4.25		1				Base material: ABS (Acrylonitrile-butadiene-styren)	
<u>RL106G</u>	\$42.50	- <u>PDF</u>	10	182 x 42 [7.17 x 1.65]		Two 6mm holes		
<u>RL106G-1</u>	\$4.75		1					
<u>RL110</u>	\$19.00	225	10	84 [3.31]		One 5mm hole		
<u>RL110-1</u>	\$2.00	<u>PDF</u>	1					
<u>RL116</u>	\$19.00		10	41 x 60 [3.54 x 2.36]		Two 3mm holes		
<u>RL116-1</u>	\$2.00	PDF	1					
<u>RL100DA4</u>	\$38.50	NA	1	200 x 300 [7.87 x 11.81]			Paper (Acrylic tape with micro prism)	
<u>RL100DC4</u>	\$12.00	NA	1	50 x 300 [1.97 x 11.81]		Self-adhesive		
<u>RL100DQ1</u>	\$8.75	NA	1	100 x 100 [3.94 x 3.94]	-			
<u>RL111G</u>	\$60.00	PDF	10	22.5 x 47 [0.89 x 1.85]		Two 3mm slots		
<u>RL111G-1</u>	\$7.25		1				Reflective face: PMMA Polymethylmethacrylate (acrylic) Base material: ABS	
<u>RL112G</u>	\$44.00	PDF	10	19 x 73 [0.75 x 2.87]				
<u>RL112G-1</u>	\$4.75		1					
<u>RL113G</u>	\$53.00	- PDF	10	51.4 x 60.3		Two 4mm slots	(Acrylonitrile-butadiene-styren)	
<u>RL113G-1</u>	\$6.00		1	[2.02 x 2.37]				

Not recommended for applications involving moist air environments or water immersion.

1-800-633-0405 **Reflectors**

RL Series Reflectors for Polarized Reflective Laser Photoelectric Sensors (FALN series)

Suitable for use with polarized light laser photoelectric sensors

- Sizes for most applications
- Miniature types for close mounting in multiple sensor installations
- Single and 5-packs available

Specifications								
Part Number	<u>RL201</u>	<u>RL201-1</u>	<u>RL203</u>	<u>RL203-1</u>	<u>RL204</u>	<u>RL204-1</u>		
Price	\$38.00	\$8.25	\$35.50	\$7.75	\$30.00	\$6.75		
Quantity	5	1	5	1	5	1		
Drawing Link	PDF		PDF		PDF			
Dimensions	60 x 82 mm 2.36 x 3.23 in		19 x 6mm 0.75 x 2.36 in		20mm x 32mm 0.80 in x 1.26 in			
Degree of Protection ¹	IEC IP67							
Mounting	Two 0.4 mm holes		Two 0.4 mm holes		Two 0.3 mm holes			
Materials	Acrylic/polycarbonate							

¹ Not recommended for applications involving moist air environments or water immersion.

1-800-633-0405 **Reflectors**

Reflectors for Photoelectric Laser Sensors

Reflectors for OPT Series Photoelectric Sensors							
Part Number	Price	Price Description		Weight Ib [g]			
<u>OPT2030</u>	\$14.00	Reflector, square, 100 x 100mm. For use with photoelectric laser sensors.	PDF	0.20 [90.71]			
<u>OPT2167</u>	\$13.50	Wenglor reflector, rectangular, 61 x 51.5mm. For use with OPT2137 & OPT2138.	PDF	0.03 [13.60]			

Note: <u>OPT2015</u> requires purchase of <u>OPT2030</u> reflector. <50m sensing distance requires 1 reflector. 50–100 m sensing distance requires 4 reflectors.



<u>OPT2167</u>

