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SMO 50° Single Element Lens



Single Element Lens

Stock **#90-762** NEW [CONTACT US](#)

- 1 + ₹827

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Volume Pricing	
Qty 1-9	₹827 each
Qty 10-24	₹703 each
Qty 25-49	₹661 each
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General	
Clamp-ring soldered	Note:
Physical & Mechanical Properties	
10.50	Diameter (mm):
5.89mm	Height (mm):

Optical Properties

Substrate: SILASTIC™ MS-1002 Moldable Silicone	
Color: White	
Overall Efficiency (%): 0.9	

Regulatory Compliance

Certificate of Conformance: View	
Country of Origin: United States	
Imported By: Edmund Optics India Private Limited	

Product Details

- Five Lens Shape Options
- Over 90% Efficient from UV-A through Visible and Near IR
- Solder Pads Allow for High-Precision Placement

LumenFlow Surface Mount Optics deliver high optical efficiency in a compact, low-profile package that easily integrates into photonic assemblies. Molded with tight tolerances, each optic ensures repeatable performance across production batches. Designed for automated placement and soldering on a PCB simultaneously with SMT components, these optics support high-volume manufacturing workflows while reducing assembly costs and cycle times. LumenFlow Surface-Mount Optics are made with optical grade silicone which doesn't melt or reflow and has an operating temperature of 200C. Silicone is also water resistant, submersible, UV resistant, and resists impact and environmental wear, ensuring long-term stability in demanding applications. Available in a broad range of focal lengths, and form factors, these optics meet the needs of diverse machine-vision, sensing and illumination applications from UV-A to 1.6µm.

Technical Information

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