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SMO 50° Single Element Lens Reel



Stock **#90-767** NEW **4 In Stock**

- 1 + **£720⁰⁰**

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Volume Pricing	
Qty 1+	£720.00 each
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Product Downloads

General	
This is a reel of 460 optics	Contents of Kit:
Clamp-ring soldered	Note:
Physical & Mechanical Properties	
10.50	Diameter (mm):

5.89mm	Height (mm):
Optical Properties	
SILASTIC™ MS-1002 Moldable Silicone	Substrate: ☐
White	Color:
0.9	Overall Efficiency (%):
Regulatory Compliance	
View	Certificate of Conformance:

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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