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# LightPath 354060 | 6.33mm Dia., 0.27 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Stock **#83-698** 20+ In Stock

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-

1

+

S\$119<sup>00</sup>

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| Qty 1-10       | S\$119.00 each                |
| Qty 11-49      | S\$107.10 each                |
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Product Downloads

| General       |                      |
|---------------|----------------------|
| 354060        | Lightpath Lens Code: |
| Aspheric Lens | Type:                |

Physical & Mechanical Properties

|             |                |
|-------------|----------------|
| 6.33 ±0.015 | Diameter (mm): |
|-------------|----------------|

|            |                           |
|------------|---------------------------|
| 5.20       | Clear Aperture CA (mm):   |
| 1.57       | Edge Thickness ET (mm):   |
| 2.49 ±0.05 | Center Thickness CT (mm): |

|                      |        |
|----------------------|--------|
| Protective as needed | Bevel: |
|----------------------|--------|

Optical Properties

|              |                                  |
|--------------|----------------------------------|
| 9.60 @ 633nm | Effective Focal Length EFL (mm): |
| 0.27         | Numerical Aperture NA:           |

|                       |                                     |
|-----------------------|-------------------------------------|
| <a href="#">D-ZK3</a> | Substrate: <input type="checkbox"/> |
| ±1                    | Focal Length Tolerance (%):         |

|                   |                                  |
|-------------------|----------------------------------|
| 633               | Aspheric Design Wavelength (nm): |
| BBAR (600-1050nm) | Coating:                         |

|                                       |                        |
|---------------------------------------|------------------------|
| R <sub>abs</sub> <1.0% @ 600 - 1050nm | Coating Specification: |
| 60-40                                 | Surface Quality:       |

|      |     |
|------|-----|
| 1.85 | f#: |
|------|-----|

|            |                        |
|------------|------------------------|
| 600 - 1050 | Wavelength Range (nm): |
|------------|------------------------|

|       |                        |
|-------|------------------------|
| 8.100 | Working Distance (mm): |
|-------|------------------------|

|          |                     |
|----------|---------------------|
| Infinite | Conjugate Distance: |
|----------|---------------------|

|         |                                       |
|---------|---------------------------------------|
| < 0.145 | Transmitted Wavefront Error (λ, RMS): |
|---------|---------------------------------------|

Regulatory Compliance

|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |

|                           |            |
|---------------------------|------------|
| <a href="#">Compliant</a> | Reach 247: |
|---------------------------|------------|

## Product Details

- Compact, Molded Aspheric Lens Design
- Improved Performance Compared to Doublet and Triplet Lenses
- Ideal for Laser Tools and Measurement Systems

LightPath® Laser Tool Molded Aspheric Lenses are designed to fulfill the needs of a variety of tools and measurement systems utilizing laser diodes, including leveling lasers, projectors, scanners, trackers, and gun sights. By utilizing a single aspheric lens, the need for a multi-lens system is eliminated, allowing for a more compact and robust design. Each aspheric lens is offered with various anti-reflection coatings for optimum transmission in the visible and NIR wavelength ranges. LightPath® Laser Tool Molded Aspheric Lenses' anti-reflection coating options for each lens provides <1% average reflection over the entire design wavelength range. The lenses are offered in four different diameters: 3mm, 4.70mm, 6mm, and 6.33mm.

