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# LightPath 354560 | 6.33mm Dia., 0.18 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#83-556** **20+ In Stock**

-

1

+

₹8,235

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| Volume Pricing |                               |
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| Qty 1-10       | ₹8,235 each                   |
| Qty 11-49      | ₹7,245 each                   |
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Product Downloads

General

354560

Lightpath Lens Code:

Aspheric Lens

Type:

Collimate or Focus Laser Light

Typical Applications:

Physical & Mechanical Properties

|             |                           |
|-------------|---------------------------|
| 6.33 ±0.015 | Diameter (mm):            |
| 5.10        | Clear Aperture CA (mm):   |
| 2.28        | Edge Thickness ET (mm):   |
| 2.77 ±0.05  | Center Thickness CT (mm): |

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

Optical Properties

|               |                                  |
|---------------|----------------------------------|
| 13.90 @ 650nm | Effective Focal Length EFL (mm): |
| 0.18          | Numerical Aperture NA:           |

|       |                             |
|-------|-----------------------------|
| D-ZK3 | Substrate: □                |
| ±1    | Focal Length Tolerance (%): |

|                  |                                  |
|------------------|----------------------------------|
| 650              | Aspheric Design Wavelength (nm): |
| BBAR (350-700nm) | Coating:                         |

|                                      |                        |
|--------------------------------------|------------------------|
| R <sub>avg</sub> <0.5% @ 350 - 700nm | Coating Specification: |
| 40-20                                | Surface Quality:       |

|           |                        |
|-----------|------------------------|
| 2.78      | f/#:                   |
| 350 - 700 | Wavelength Range (nm): |

|          |                        |
|----------|------------------------|
| 12.11    | Working Distance (mm): |
| Infinite | Conjugate Distance:    |

|        |                                       |
|--------|---------------------------------------|
| < 0.07 | Transmitted Wavefront Error (λ, RMS): |
|--------|---------------------------------------|

Environmental & Durability Factors

|      |                             |
|------|-----------------------------|
| ≤200 | Operating Temperature (°C): |
|------|-----------------------------|

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |

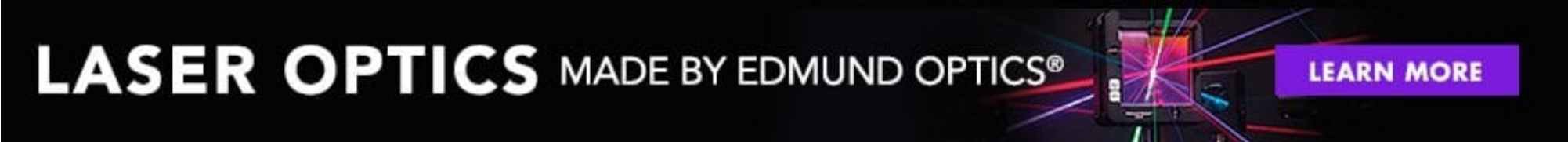
|           |                    |
|-----------|--------------------|
| Compliant | Reach 247:         |
| China     | Country of Origin: |

|                                     |              |
|-------------------------------------|--------------|
| Edmund Optics India Private Limited | Imported By: |
|-------------------------------------|--------------|

Product Details

- Eliminate Spherical Aberration
- Multiple Coating Options Available
- Range of Numerical Apertures

LightPath® Geltech™ Molded Aspheric Lenses are used to eliminate spherical aberration and improve focusing and collimating accuracy in a variety of laser applications. Low NA aspheric lenses are designed to maintain beam shape, while high NA lenses gather all available light to maintain beam power over long distances. LightPath® Geltech™ Molded Aspheric Lenses are ideal for applications including sighting systems, bar code scanners, laser diode-to-fiber coupling, optical data storage, or biomedical lasers.



Technical Information

