

| | Unit | ASL-0020 | ASL-0030 | ASL-0060 |
|---|------|-------------------|-------------------|-------------------|
| LAYOUT | | | | |
| Design Wavelength [DW] | nm | 633 | 635 | 940 |
| Surface 1 | | Aspherical-Convex | Aspherical-Convex | Aspherical-Convex |
| Surface 2 | | Spherical-Convex | Spherical-Convex | Spherical-Concave |
| Effective Focal Length [EFL] | mm | 11.20 | 13.00 | 9.56 |
| Working Distance [WD] | mm | 9.70 | 11.66 | 7.96 |
| Numerical Aperture [NA] | | 0.29 | 0.23 | 0.17 |
| Outside Diameter [OD] | mm | φ8.00 | φ8.00 | φ5.73 |
| Center Thickness [CT] | mm | 2.50 | 2.41 | 2.56 |
| Fringe Thickness [FT] | mm | 1.6 | 1.7 | 2.3 |
| Surface 1 Effective Diameter | mm | φ6.5 | φ6.0 | φ3.2 |
| Surface 2 Effective Diameter | mm | φ6.2 | φ5.6 | φ2.7 |
| Transmittance (at DW) | % | >97 | >97 | >97 |
| Cover Glass Thickness [t] (material) | mm | 0.25 (BK7) | 0.25 (BK7) | |

| | Unit | ASL-0070 | ASL-0080 | ASL-0090 |
|---|------|-------------------|-------------------|-------------------|
| LAYOUT | | | | |
| Design Wavelength [DW] | nm | 790 | 780 | 800 |
| Surface 1 | | Aspherical-Convex | Aspherical-Convex | Aspherical-Convex |
| Surface 2 | | Aspherical-Convex | Aspherical-Convex | Planar |
| Effective Focal Length [EFL] | mm | 5.40 | 15.00 | 4.69 |
| Working Distance [WD] | mm | 4.04 | 13.30 | 2.46 |
| Numerical Aperture [NA] | | 0.38 | 0.30 | 0.75 |
| Outside Diameter [OD] | mm | φ6.50 | φ10.50 | φ9.50 |
| Center Thickness [CT] | mm | 2.50 | 3.00 | 3.80 |
| Fringe Thickness [FT] | mm | 1.7 | 1.7 | 1.6 |
| Surface 1 Effective Diameter | mm | φ4.2 | φ9.1 | φ7.1 |
| Surface 2 Effective Diameter | mm | φ3.4 | φ8.5 | φ5.4 |
| Transmittance (at DW) | % | >97 | >97 | >97 |
| Cover Glass Thickness [t] (material) | mm | 0.30 (BK7) | 0.30 (BK7) | 0.25 (BK7) |

OPTIONS

Central cutout



Chamfer



- RoHS conformant
- Customized design available upon request
- Design and Specifications may change without notice

No.KR-B001-B
Ver.2010.4.12