

Aspherical Glass Lens

1. Tentative Specification

Collimator Lens

Product No.: EYLGULF274

May.19.2005

Panasonic Electronic
Devices Nitto Co., Ltd.

| | | Product No. | EYLGULF274 NEW ! |
|-----|---|---------------|-----------------------------------|
| No. | Item | Unit | Specification of VC80 |
| 1 | Design Wavelength | nm | 780 |
| 2 | Focal length | mm | 6.250 |
| 3 | Numerical aperture | | 0.400 |
| 4 | Magnification | | 0 |
| 5 | Objective distance | mm | ∞ |
| 6 | Working distance | mm | 4.595 |
| 7 | Cover glass | | n=1.510 , 0.25mm |
| 8 | Surface1 effective diameter | mm | $\Phi 5.000$ |
| 9 | Surface2 effective diameter | mm | $\Phi 4.180$ |
| 10 | Glass Material | | K-VC80 (n780=1.67873), vd=53.1 |
| 11 | Lens diameter | mm | $\Phi 6.40$ |
| 12 | Lens thickness | mm | 2.50 |
| 13 | Weight | mg | 234.0 |
| 14 | Transmission with coating non coating | % | ≥ 97 ≥ 85 |
| 15 | Image height (°) | mm | 0.109 (1 degree) |
| 16 | Wavefront aberration On-Axis Off-Axis | λ rms | 0.0001 0.0360 |
| 17 | Model No. | | V6240 |

