

Aspheric Molded Glass Lens

Panasonic Electronic
Devices Co.,Ltd.

Aspherical Collimator Lens
Model No. EYLGUDF055 (B7039)
Design Specification

	Parameter	Unit	Specification
1	Wavelength	nm	800
2	Focal Length	mm	7.000
3	Numerical Aperture		0.390
4	Design Magnification		0
5	Objective Distance	mm	∞
6	Working Distance	mm	5.084
7	Cover Glass		CG(n=1.5000)、0.30mm
8	Surface 1 Effective Diameter	mm	$\phi 5.46$
9	Surface 2 Effective Diameter	mm	$\phi 4.60$
10	Material		PBK40(n=1.50839)、 $v_d = 63.5$
11	Diameter	mm	$\phi 6.40$
12	Thickness	mm	3.00
13	Weight	mg	174.6
14	Transmittance	%	96 or more
15	Image Height(Field Angle)	mm	0.122 (1.0deg)
16	Wave Front Aberration	On-Axis λ RMS	0.0001
	Off-Axis		0.0323

