

Aspheric Molded Glass Lens

Panasonic  
MATSUSHITA NITTO ELECTRIC CO.

Aspherical Collimator Lens  
Model No. EYLGUDF132 (C2013)  
Design Specification

	Parameter	Unit	Specification
1	Wavelength	nm	657
2	Focal Length	mm	20.000
3	Numerical Aperture		0.120
4	Design Magnification		0
5	Objective Distance	mm	$\infty$
6	Working Distance	mm	17.104
7	Cover Glass Image Side		BK7 (n=1.50)、2.05 mm CG (n=1.48)、0.25 mm
8	Surface 1 Effective Diameter	mm	$\phi 4.80$
9	Surface 2 Effective Diameter	mm	$\phi 4.55$
10	Material		VC79 (n=1.60289)、 $\nu_d = 57.8$
11	Diameter	mm	$\phi 5.60$
12	Thickness	mm	3.00
13	Weight	mg	155.0
14	Transmittance	%	97 or more
15	Image Height (Field Angle)	mm	0.349 (1.0deg)
16	Wave Front Aberration On-Axis Off-Axis	$\lambda$ RMS	0.0000 0.0154

