

Aspherical Glass Lens

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Panasonic Devices Nitto Co., Ltd.

1. TENTATIVE SPECIFICATION Collimator Lens

【Part No.】EYLGULF406
Design Specification Proposal

	Parameter	Unit	Specification
1	Design Wavelength	nm	785
2	Focal length	mm	9.997
3	Numerical aperture		0.39
4	Magnification		0
5	Objective distance	mm	∞
6	Working distance	mm	8.162
7	Cover glass	mm	0.3mm n=1.5
8	Surface1 effective diamater	mm	ϕ 7.800
9	Surface2 effective diamater	mm	ϕ 7.222
10	Glass Material		L-BSL7(n785=1.50883),vd=64.1
11	Lens diamater	mm	ϕ 9.3
12	Lens thickness	mm	2.80
13	Weight	mg	284
14	Transmission	%	\geq 96
15	Image height	mm	0.175 (1degree)
16	Wavefront aberrarion On-Axis Off-Axis	λ rms	0.0004 0.0418

