

**1. Tentative Specification**

Collimator Lens  
Product No.: EYLGULF273

No.	Item	Unit	Specification of Design Wavelength 780nm
1	Design Wavelength	nm	780
2	Focal length	mm	12.499
3	Numerical aperture		0.228
4	Magnification		0
5	Objective distance	mm	$\infty$
6	Working distance	mm	10.631
7	Cover glass		n=1.510 , 0.3mm
8	Surface1 effective diameter	mm	$\Phi 5.700$
9	Surface2 effective diameter	mm	$\Phi 5.060$
10	Glass Material		K-VC80 (n780=1.67873), vd=53.1
11	Lens diamater	mm	$\Phi 6.40$
12	Lens thickness	mm	2.80
13	Weight	mg	306.2
14	Transmission	%	$\geq 97$ $\geq 85$
	with coating		
	non coating		
15	Image height (°)	mm	0.218 (1 degree)
16	Wavefront aberration		
	On-Axis		0.0000
	Off-Axis	$\lambda$ rms	0.0256
17	Model No.		<b>V1222</b>

