

1. Tentative Specification

Collimator Lens
Product No.: EYLGULF274

		Product No.	EYLGULF274
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	Φ5.000
9	Surface2 effective diameter	mm	Φ4.180
10	Glass Material		K-VC80 (n780=1.67873), vd=53.1
11	Lens diameter	mm	Φ6.40
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	λrms	0.0001 0.0360
17	Model No.		V6240

