

1. Tentative Specification

Collimator Lens
Product No.: EYLGULF277

		Product No.	EYLGULF277
No .	Item	Unit	Specification of VC80
1	Design Wavelength	nm	820
2	Focal length	mm	9.000
3	Numerical aperture		0.300
4	Magnification		0
5	Objective distance	mm	
6	Working distance	mm	7.429
7	Cover glass		n=1.510 , 0.3mm
8	Surface1 effective diameter	mm	Φ5.430
9	Surface2 effective diameter	mm	Φ4.800
10	Glass Material		K-VC80 (n820=1.67753), vd=53.1
11	Lens diameter	mm	Φ6.40
12	Lens thickness	mm	2.30
13	Weight	mg	230.1
14	Transmission with coating non coating	%	97 85
15	Image height (°)	mm	0.157 (1 degree)
16	Wavefront aberration On-Axis Off-Axis	λrms	0.0000 0.0311
17	Model No.		V9030

