

Aspherical Glass Lens

1. Tentative Specification

Collimator Lens

Product No. : EYLGULF276

Nov.06.2008

Panasonic Electronic

Devices Nitto Co., Ltd.

		Product No.	EYLGULF276 NEW !
No.	Item	Unit	Specification of VC80
1	Design Wavelength	nm	780
2	Focal length	mm	8.000
3	Numerical aperture		0.250
4	Magnification		0
5	Objective distance	mm	∞
6	Working distance	mm	6.344
7	Cover glass		n=1.510 , 0.25mm
8	Surface1 effective diameter	mm	$\Phi 4.000$
9	Surface2 effective diameter	mm	$\Phi 3.350$
10	Glass Material		K-VC80 (n780=1.67873), vd=53.1
11	Lens diameter	mm	$\Phi 6.40$
12	Lens thickness	mm	2.50
13	Weight	mg	250.0
14	Transmission with coating non coating	%	≥ 97 ≥ 85
15	Image height (°)	mm	0.14 (1 degree)
16	Wavefront aberration On-Axis Off-Axis	λ_{rms}	0.0000 0.0179
17	Model No.		V8025

