

# Aspherical Glass Lens

## 1. Tentative Specification

Collimator Lens

Product No.: EYLGULF274

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Panasonic Electronic  
Devices Nitto Co., Ltd.

		Product No.	EYLGULF274 NEW !
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	$\infty$
6	Working distance	mm	4.595
7	Cover glass		n=1.510 , 0.25mm
8	Surface1 effective diameter	mm	$\Phi 5.000$
9	Surface2 effective diameter	mm	$\Phi 4.180$
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	234.0
14	Transmission with coating non coating	%	$\geq 97$ $\geq 85$
15	Image height (°)	mm	0.109 (1 degree)
16	Wavefront aberration On-Axis Off-Axis	$\lambda$ rms	0.0001 0.0360
17	Model No.		<b>V6240</b>

