

# Aspherical Glass Lens

May.19.2005

Panasonic Electronic  
Devices Nitto Co., Ltd.

## 1. Tentative Specification

Collimator Lens  
Product No.: EYLGULF279

		Product No.	EYLGULF279 NEW !
No.	Item	Unit	Specification of VC80
1	Design Wavelength	nm	780
2	Focal length	mm	4.000
3	Numerical aperture		0.500
4	Magnification		0
5	Objective distance	mm	$\infty$
6	Working distance	mm	2.362
7	Cover glass		n=1.510, 0.3mm
8	Surface1 effective diameter	mm	$\Phi$ 4.000
9	Surface2 effective diameter	mm	$\Phi$ 3.000
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	201.1
14	Transmission with coating non coating	%	$\geq$ 97 $\geq$ 85
15	Image height (°)	mm	0.07 (1 degree)
16	Wavefront aberration On-Axis Off-Axis	$\lambda$ rms	0.0002 0.0315
17	Model No.		<b>V4050</b>

