

Aspherical Glass Lens

2005.1.11

1. TENTATIVE SPECIFICATION

Panasonic

Collimator Lens

MATSUSHITA NITTO ELECTRIC CO., LTD.

Model No. R8321

Part Number. EYLGULF161

Design Specification Proposal

	Parameter	Unit	Specification (R1424)
1	Design Wavelength	nm	685
2	Focal length	mm	8.3
3	Numerical aperture		0.21
4	Magnification		0
5	Objective distance	mm	∞
6	Working distance	mm	6.721
7	Cover glass	mm	n=1.517, 0.25mm
8	Surface1 effective diameter	mm	3.5
9	Surface2 effective diameter	mm	3.05
10	Glass Material		PBK40(nd=1.51269), $\nu d=63.5$
11	Lens diameter	mm	4.5
12	Lens thickness	mm	2.445
13	Weight	mg	82
14	Transmission	%	96 (min), Single coating

