

Aspherical Glass Lenses

EYLG□□□□□□□□



Lightweight, high-performance aspherical glass lenses for various optical electronics applications.

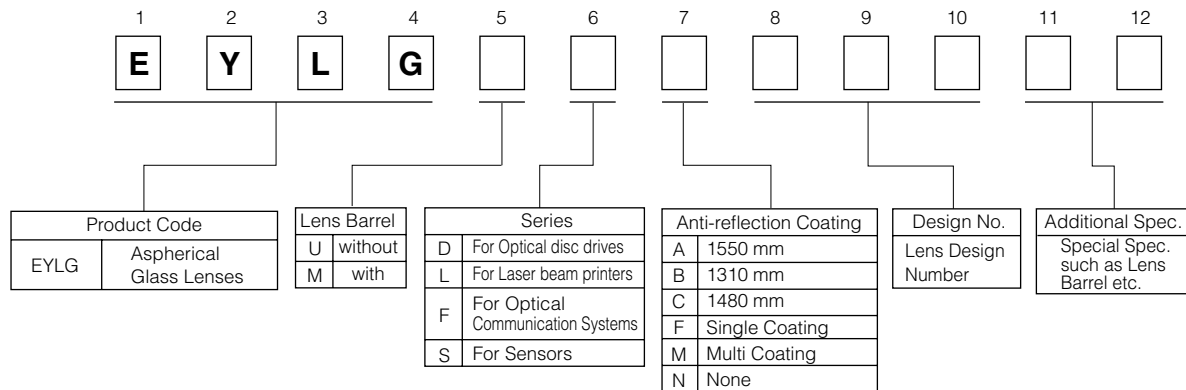
■ Features

- "One Shot" precision manufacturing process for an extremely compact, lightweight and high-performance lens
- High-quality processing and measurement techniques for superior performance
- Short focal length for compact size
- High numerical aperture achieved via aspherical design
- Wide temperature and humidity range for increased reliability and stability
- Various lenses and lens material available for many different applications
- RoHS compliant

■ Recommended Applications

- Pickup lens for optical drive devices
- Collimator lens for laser beam printers
- Coupling lens for optical communication systems
- Image formation lens for sensors

■ Explanation of Part Numbers



■ Ratings

Item	Ratings
Operating Temperature Range	-30 to +85 °C
Storage Temperature Range	-40 to +100 °C

■ Please contact the factory for packaging methods.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Specifications

- For storages, laser beam printers, sensors and other applications

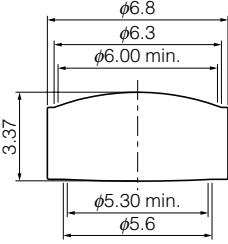
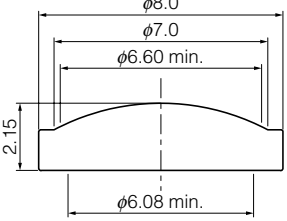
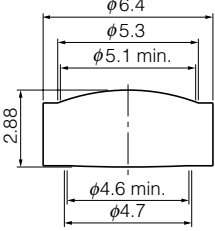
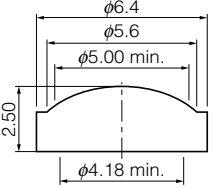
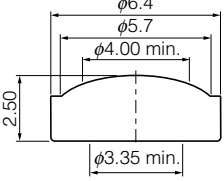
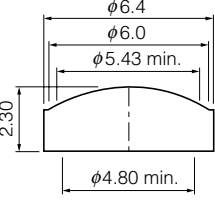
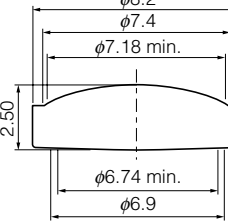
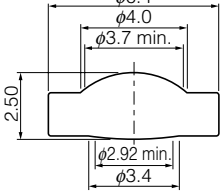
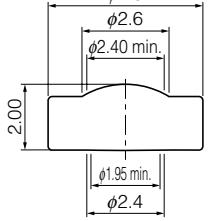
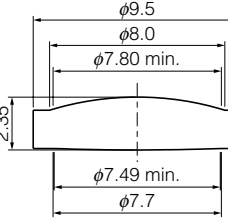
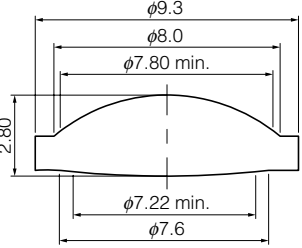
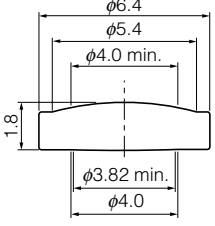
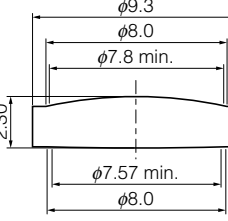
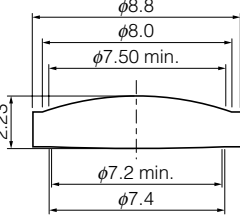
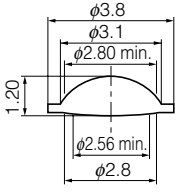
Collimator Lens

Item Part No.	Wave Length (nm)	Numerical Aperture	Focal Length (mm)	Working Distance (mm)	Lens Diameter (mm)	Mass (Weight) (mg)	Abbe Number	Cover Glass (mm)
EYLGULF429	780	0.20	14.96	12.81	φ6.80	256	64	0.30
EYLGULM368	780	0.33	10.00	8.60	φ8.00	250	46	0.25
EYLGULF425	780	0.23	12.50	10.63	φ6.40	306	53	0.30
EYLGULF274	780	0.40	6.25	4.60	φ6.40	234	53	0.25
EYLGULF276	780	0.25	8.00	6.34	φ6.40	250	53	0.25
EYLGULF277	820	0.30	9.00	7.43	φ6.40	230	53	0.30
EYLGULF278	780	0.24	14.91	13.24	φ8.20	247	64	0.30
EYLGULF387	830	0.40	4.60	3.04	φ6.40	125	64	0.25
EYLGULF316	780	0.27	4.45	3.09	φ4.80	117	64	0.30
EYLGULF405	785	0.16	24.32	22.73	φ9.50	322	64	0.30
EYLGULF406	785	0.39	10.00	8.46	φ9.30	288	64	0.30
EYLGULF381	780	0.11	18.00	16.77	φ6.40	117	64	0.25
EYLGULF397	785	0.12	31.99	30.43	φ9.30	318	64	0.30
EYLGULF398	785	0.18	20.99	19.47	φ8.80	256	64	0.30

Objective Lens

Item Part No.	Wave Length (nm)	Numerical Aperture	Focal Length (mm)	Working Distance (mm)	Lens Diameter (mm)	Mass (Weight) (mg)	Abbe Number	Cover Glass (mm)
EYLGUDM128	650	0.60	2.33	1.27	φ3.80	20	58	0.60

■ Dimensions in mm (not to scale)

<p style="text-align: center;">EYLGULF429</p> 	<p style="text-align: center;">EYLGULM368</p> 	<p style="text-align: center;">EYLGULF425</p> 
<p style="text-align: center;">EYLGULF274</p> 	<p style="text-align: center;">EYLGULF276</p> 	<p style="text-align: center;">EYLGULF277</p> 
<p style="text-align: center;">EYLGULF278</p> 	<p style="text-align: center;">EYLGULF387</p> 	<p style="text-align: center;">EYLGULF316</p> 
<p style="text-align: center;">EYLGULF405</p> 	<p style="text-align: center;">EYLGULF406</p> 	<p style="text-align: center;">EYLGULF381</p> 
<p style="text-align: center;">EYLGULF397</p> 	<p style="text-align: center;">EYLGULF398</p> 	<p style="text-align: center;">EYLGUDM128[†]</p> 

† Objective Lens