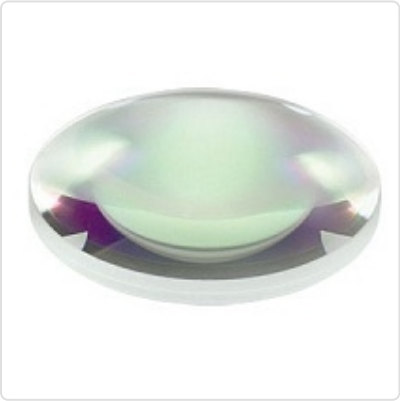




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## LB1811-C

Optical Lens by [Thorlabs Inc](#)



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The LB1811-C from Thorlabs Inc is a Optical Lens with Wavelength Range 1050 to 1700 nm, Focal Length 35.0 mm, Center Thickness 6.8 mm, Diameter 25.4 mm (1 Inch), Edge Thickness(ET) 2.0 mm. More details for LB1811-C can be seen below.

### Product Specifications

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Product Details	
Part Number	LB1811-C
Manufacturer	Thorlabs Inc
Description	N-BK7 Bi-Convex Lens, 1 Inch, f = 35.0 mm, ARC: 1050 - 1700 nm
General Parameters	
Lens Type	Bi-Convex Lenses
Lens Shape	Spherical Lens
Wavelength Range	1050 to 1700 nm
Focal Length	35.0 mm
Focal Length Tolerance	±1%
Back Focal Length(BFL)	32.7 mm
Center Thickness	6.8 mm
Diameter	25.4 mm (1 Inch)
Clear Aperture	0.9
Diameter Tolerance	+0.00 to / -0.10 mm
Edge Thickness(ET)	2.0 mm
Centration Error	3 arcmin
Refractive index	1.515
Substrate/Material	N-BK7
Surface Accuracy	λ/4, 3λ/2
Surface Quality	40-20 Scratch-Dig
Technical Documents	



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Aspheric Lens With a Diameter of 34.3 ±0.2 mm

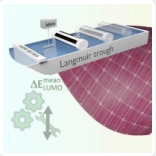
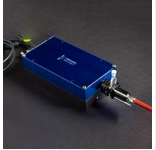

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<a href="#">67-461 from Edmund Optics</a>
<a href="#">SLB-50-300N from Laser 2000 (UK) Ltd.</a>
<a href="#">LB1844 from Thorlabs Inc</a>
<a href="#">67-460-INK from Edmund Optics</a>


Other Companies
<a href="#">184 Optical Lenses from Clear Beam Corp</a>
<a href="#">2 Optical Lenses from Knight Optical (UK) Ltd</a>
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