



Sirius Optics  
Unit 1  
26 Darnick Street  
Underwood, Qld 4119

Opening Hours  
  
10am-5:30pm Mon-Fri  
9am-2pm Sat

Phone: 07 3423 2355  
[www.sirius-optics.com.au](http://www.sirius-optics.com.au)

## Celestron C8 8 Inch Optical Tube Assembly CG-5

**AUD**  
**\$1,949.00**

### Product Images



### Short Description

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### Description

- 8" Schmidt-Cassegrain Optical Tube Assembly
- Aluminum Optical Tube
- Celestron's premium StarBright XLT coatings

- 2032 mm focal length (f/10)
- 25 mm eyepiece included (81x)
- Visual back allows for use with 1.25" accessories
- 6x30 finderscope to help accurately find objects
- Star diagonal provides more comfortable viewing position when observing objects that are high in the sky
- Includes dovetail rail compatible with CG-5 Advanced Series mount

Additional Information

Specifications	Optical Design	Schmidt-Cassegrain
	Aperture	203.2mm (8")
	Focal Length	2032mm (80")
	Focal Ratio	f/10
	Focal Length of Eyepiece 1	25mm (0.98")
	Magnification of Eyepiece 1	81x
	Finderscope	6x30
	Star Diagonal	1.25" Star Diagonal
	Optical Tube	Aluminum
	Highest Useful Magnification	480x
	Lowest Useful Magnification	29x
	Limiting Stellar Magnitude	14
	Resolution (Rayleigh)	0.69 arc seconds
	Resolution (Dawes)	0.57 arc seconds
	Light Gathering Power (Compared to human eye)	843x
	Secondary Mirror Obstruction	64mm (2.5")
	Secondary Mirror Obstruction by Diameter	31%
	Secondary Mirror Obstruction by Area	9.77%
	Optical Coatings	StarBright XLT
	Optical Tube Length	432mm (17")
	Optical Tube Diameter	238mm (9.37")
	Optical Tube Weight	12.5 lbs (5.67 kg)
	Dovetail	Vixen/CG-5 Dovetail bar