



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)

## Meade 8in f/10 ACF SCT OTA with UHTC

**AUD**  
**\$2,199.00**

### Product Images



### Short Description

- 8" f/10 Advanced Coma Free Optics - 2032mm focal length
- Ultra-High Transmission Coatings (UHTC)
- Oversized Low-Expansion Borosilicate Primary Mirror
- Primary Mirror Lock for increased image stability
- Losmandy-Style dovetail

### Description

Advanced Coma-Free Optical Tube comes with Meade's Ultra-High Transmission Coatings (UHTC), Oversized Low-Expansion

Borosilicate Primary Mirror, Schott Borofloat Glass Corrector Plate, Diffraction Limited Optics, Losmandy-style dovetail, and Dust Cover.

The Advanced Coma-Free (ACF) optical system has brought the highest level of optical performance well within the reach of most amateurs. Using the Meade exclusive design, ACF optics achieve aplanatic performance — with a flatter field, reduced astigmatism and eliminated diffractions spikes — equal to Ritchey-Chétien systems, at a fraction of the price. Coupled with Meade’s Ultra- High Transmission Coatings (standard on all LX200-ACF systems), you have the ultimate in premium optics.

All models feature a primary mirror locking mechanism, which effectively prevents movement of the primary mirror during long exposure astrophotography or observing. Turn the lock knob located just above the telescopes main focus knob and the progressive-tension primary lock completely cancels any residual image shift due to mirror movement during visual, photographic, or imaging applications.

The 8" Optical Tube Assembly #0810-60-01 has a 2032mm focal length, an f/10 focal ratio, and weighs 6.4kg.

Additional Information

|                |                                |                          |
|----------------|--------------------------------|--------------------------|
| Specifications | WARRANTY                       | 3 Years Australian       |
|                | CLEAR APERTURE                 | 8"                       |
|                | OPTICAL DESIGN                 | Advanced Coma-Free (ACF) |
|                | OPTICAL COATINGS               | UHTC™                    |
|                | FOCAL LENGTH                   | 2000mm                   |
|                | FOCAL RATIO                    | f/10                     |
|                | RESOLVING POWER (DAWES' LIMIT) | 0.570 arc-seconds        |
|                | OVERSIZED PRIMARY MIRROR       | Yes                      |
|                | MIRROR LOCK                    | Yes                      |
|                | FOCUSER MECHANISM              | Single Speed Focuser     |
|                | ASSEMBLED PRODUCT WEIGHT       | 6.4kg                    |
|                |                                |                          |