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Askar 130PHQ Flatfield Astrograph Review: A Large Refractor That **Delivers**

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ASTRO INDUSTRY

Over the past few years, Chinese manufacturer Askar (part of Sharpstar Optics) has been quietly making a name for themselves with a series of astrophotography-focused telescopes and accessories that combine high quality, excellent usability, and reasonable price. Askar may not have the brand

awareness or reputation of some others, but they have their fans, and for good reason. Askar's latest product is their most expensive to date: the Askar 130PHQ Flatfield Astrograph. EVOLUX APO DOUBLETS. JUST PERFECT.
PERFECT FOR IMAGING. PERFECT FOR VISUAL. PERFECT FOR TRAVEL. Sky-Watcher

The Askar 130PHQ is an impressive sight! Credit: Lee Pullen. Priced at \$3499, the Askar 130PHQ is pitched as a premium astrograph with specifications to match. Boasting an aperture of 130mm and a focal length of

is a joy to use.

Image Quality

Supersized Refractor

my all-time best being 0.29".

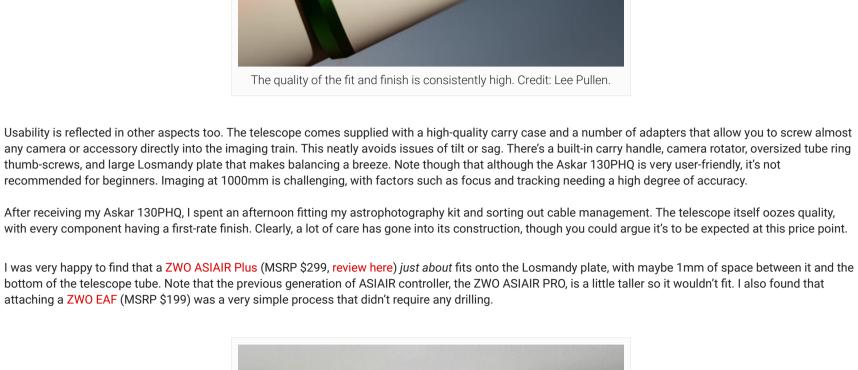
A Premium Astrograph

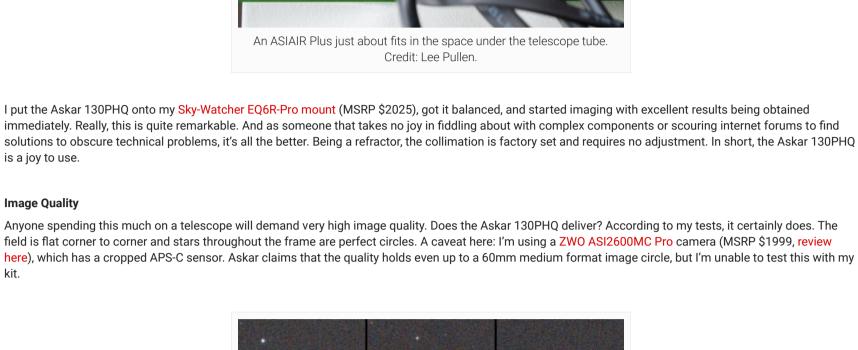
1000mm, it's one of the larger refractors available on the market.



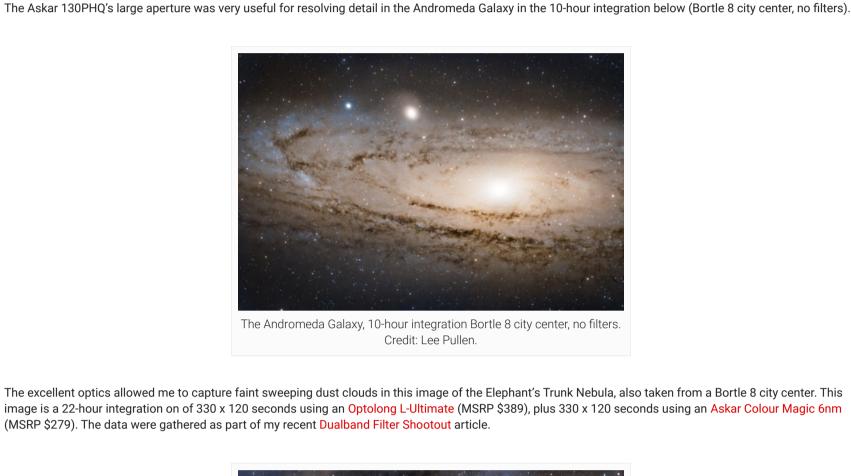
An excellent set of features. Credit: Askar.

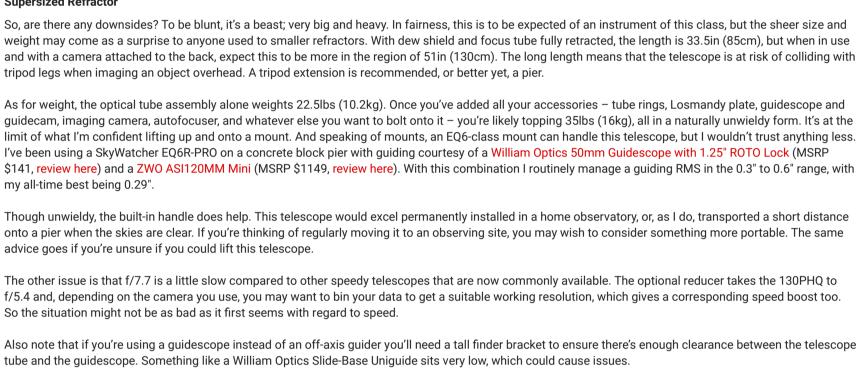
What makes the Askar 130PHQ stand out from its competitors is the simplicity with which you can get imaging: ease-of-use is built into the design. It's a quadruplet air-spaced apochromat, which promises a high quality, corrected flatfield view without the need for an additional reducer. Very impressively, due to its Petzval-like design, there are no back focus requirements, unlike other refractor types. With the Askar 130PHQ, as long as your image is in focus the back focus is automatically correct. An optional 0.7x reducer is available (MSRP \$349) that shortens the focal length to 700mm and speeds it up to f/5.4 from its native f/7.7. With the reducer a back focus of 55mm is required. The reducer was not used or tested for this review.





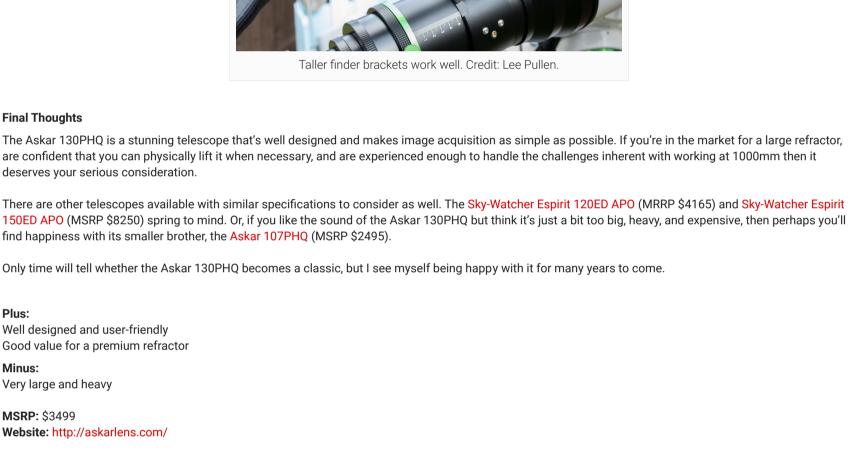
The Askar 130PHQ provided a good frame in my test with an APS-C sensor. Credit: Lee Pullen.





The Elephant's Trunk Nebula, 22-hour integration Bortle 8 city center, Optolong L-Ultimate and Askar Colour Magic filters. Credit: Lee Pullen.

William Optics Slide-Base Uniguide fittings are best avoided as they leave a guidescope very close to the telescope tube, and tube rings may even block the guidescope a little. Credit: Lee Pullen.



Final Thoughts

Plus:

Well designed and user-friendly

Website: http://askarlens.com/

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For more, read Urban Astrophotography's comprehensive Askar 130PHQ review.

About Lee Pullen

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less is more. But when it comes to having a

capable mount to drive your gear, sometimes

When it comes to astrophotography, sometimes

Portable Titan

more...

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http://urbanastrophotography.com

Very large and heavy

MSRP: \$3499

Observatory, as well as becoming Staff Writer for the International Year of Astronomy 2009, the world's largest ever science outreach initiative. Lee runs the website UrbanAstrophotography.com **RELATED POSTS**

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Communication. He began his career writing for organisations including the Hubble European Space Agency Information Centre and the European Southern

Lee Pullen is a science writer and communicator from the city of Bristol, UK. He has a degree in Astronomy and a master's in Science

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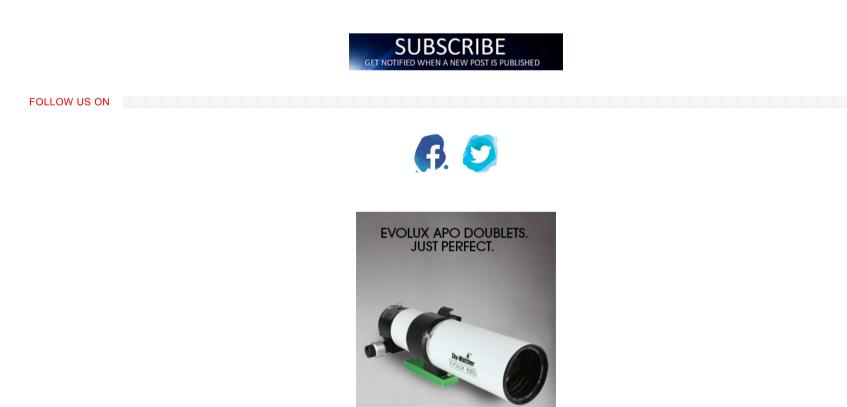
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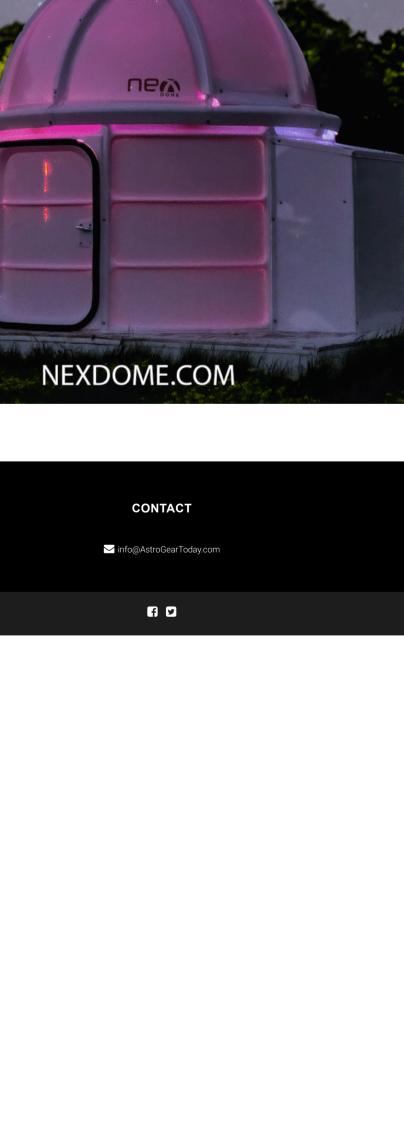
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