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The William Optics Gran Turismo 81 refractor is a three-element apochromatic refractor using the FPL-53 glass, with a diameter of $\text{AE} = 81 \text{ mm}$ and light intensity $f / 5.9$. The tube is equipped with a great 2.5-inch Rack and Pinion extractor with a 10: 1 microfocuser, smoothly working, stable - you can rely on it. The telescope has a retractable urinal and a mounting foot in the Vixen standard, and the high quality of fit and finish has been a hallmark of William Optics products for a long time. So we have beautiful astrophotographic equipment - for connoisseurs. Description and a lot of interesting materials - see the manufacturer's website: <https://williamoptics.com/gran-turismo-81-iv> Technical parameters " construction: Apo FPL53 doublet " aperture: 81 mm " lighted: $f / 5.9$ " focal length: 478 mm " retractable diffuser: included " dovetail rail: included " carrying handle: on clamps, included " Bahtinov's mask: included " Camera position rotator: yes, included " Extract: 2.5 "Rack and Pinion, 10: 1 microfokuser " recommended flattener: FLAT 6A III " application: APS-C, Full Frame " length: 390 - 460 mm (depending on the position of the urinal) " weight: 3.9 kg Warranty 2 years

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Our tests " Object : M31, a galaxy in Andromeda " Setup : Sky-Watcher EQ6-R, guided ASI120 Mini, William Optics Gran Turismo 81 IV with 6A III flattener, ZWO ASI 2400 MC chilled camera; " Execution : RGB from Bortle 2 (see: Bortle Scale in Wiki), 27 x 240 s, September 2020 (click to enlarge)