

NGC5907 - Splinter Galaxy

This LRGB image of an edge-on galaxy (NGC5907) in Draco was captured completely from our rear deck in Asheville, NC. The galaxy is known as both the Splinter and Knife Edge Galaxy. It is about 40-50 million light years distant. Over 9 hours of data was acquired on four dark and mostly clear nights on the 29th of April, 7th, 25th and 31st of May. I used my Celestron 9.25 inch SCT (f=5.7), ST-8 camera on the G-11 mount. I was guiding with the internal chip. Total exposure time used was 558 minutes (48 x 300 seconds Luminance binned 1x1, and 28 x 120 seconds R, G and B all binned 2x2). All data was captured with CCDAutoPilot v4 controlling CCDSoft Version 5, FocusMax and The Sky 6. All processing was performed in CCDStack v2 and Photoshop CS3 (Mac).