

IC5146, the Cocoon Nebula, located some 2,500 light years distant in the Constellation Cygnus. The Nebula itself is some 15 light years in diameter; the bright star at its center is a massive type B approximately 15 times the mass of our sun and 20,000 times more luminous! Its radiation ionizes the hydrogen gas surrounding it giving the emission nebula its characteristic red color.

Sum of forty-eight, 5-minute exposures through RGBL filters over one night through my 4 inch refractor while at the October, 2019 Staunton River Star Party.