

This is a comparison between a Astrodon 5nm Ha filter and a Baader 7nm Ha filter. The Astrodon filter image is the top image on this page and the Baader filter image is the bottom image on this page. Each image consists of 3 stacked 20 minute exposures of the North American Nebula taken with an STL-11000m camera and FSQ106EDX4 telescope. All images were taken on the same night under similar conditions. Images were processed in CCDStack and are cropped. No additional processing was done. Conclusion: Nebulosity appears to be almost identical with both filters. The bright star at center left of the image taken with the Baader filter has a considerable amount of halo. No halo is visible in the image taken with the Astrodon filter. Faint stars appear slightly brighter in the Baader filter image because of the wider bandwidth of the filter.

