

# teleskopy.pl

With astrophotography and observations under urban or suburban sky, the Orion SkyGlow filter significantly improves the quality of images. The filter improves the quality of images of nebular objects under moderately polluted skies. It blocks 99% of the waves responsible for atmospheric lighting and emission lines of city lamps. It improves contrast by maintaining a neutral, natural color balance. It improves the quality of images of nebulae, galaxies, open clusters and globular clusters. The filter is in a metal frame, suitable for every eyepiece in the 1.25" standard with filter thread. It allows you to take longer exposures without saturating the background associated with light pollution. Orion SkyGlow Broadband Telescope Filter is a multi-layered "interference" filter blocking the wavelengths most commonly occurring in a phenomenon called light-pollution or light pollution, while simultaneously passing the desired lengths almost unchanged, in this way, significantly improving the contrast between the object and the sky in the background. The filter blocks the light of mercury vapor very well while maintaining critically important emission lines typical for nebulae - H- $\gamma$  and H- $\delta$  - the background seems much darker, the contrast increases very much. A line of double ionized oxygen is also passed - typically emitted by nebulae. The view of galaxies and clusters is also improved, albeit to a lesser extent. Connection of ALL astronomical filters with the exception of solar film filters (which are filters for the lens) is accomplished by screwing the filter into the frame of the eyepiece from the opposite side than applying the eye (ie from the side that we put in the eyepiece extractor). The filters can be additionally connected with each other, because they have threads on both sides of the luminaire.