teleskopy.pl

One of the biggest obstacles in observing the night sky is its brightening by artificial lighting, such as the light of a lamppost. This limits the possibility of observing objects outside our solar system. The UHC (Ultra High Contrast) filter works on the one hand to block the mercury and sodium lamps and other emission lines originating from natural and artificial light sources that contribute to the night sky lighting, and on the other hand to transmit other, more useful lengths of waves. Wider-to-skip UHC Explore Scientific filters use the so-called emission nebulae. These objects emit specific colors of the so-called emission lines. These lines depend on the chemical composition of the objects. The Explore Scientific UHC nebulizer filters transmit three nebulizer lines: a double ionized oxygen line (496 and 501 nm), a H-beta hydrogen line (486 nm) and a deep red H-alpha band (656 nm), while simultaneously blocking Scattered light and light pollution (lines of sodium and mercury). His band has a transmission of over 90%. As a result of using UHC's diplex filters, many faint nebular objects become easier to see, especially those that can be invisible at all. These filters significantly darken the background of the background without affecting the brightness of the nebula. They are also a

great help in observing bright nebulae visible without a filter. If you use the UHC filter, these nebulae greatly gain in detail and contrast. Using the Explore Scientific UHC filter, you'll be able to enjoy the sight of almost imperceptible objects like the M97 Sowa Nebula, NGC 6992 Swan Loop or the M27 Dumbbell Nebula. In addition, the filter is an efficient Light Pollution filter. Explore Scientific nebular filters have an individual test certificate, which is your guarantee that you will receive a high-quality product. The most important features â€¢ skewed filter â€¢ blocks the entire spectrum of light except the spectral line O-III, H-beta and H-alpha â€¢ suitable for both visual observations and photography with CCD cameras â€¢ 1.25 "luminaire