

NEWS RELEASE

Schneider Optics

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Schneider-Kreuznach Announces RHodium Full Spectrum ND Filters

Schneider-Kreuznach introduces new RHodium Full Spectrum Neutral Density (FSND) filters, a lineup of high-end neutral density filters made to exceed the critical color standards of the newest 4K, 6K, and 8K resolution cameras. Available in 6x6 and 4x5.65 sizes, they come in a full range of densities: 0.3, 0.6, 0.9, 1.2, 1.5, 1.8, 2.1, 2.4, 2.7 and 3.0.

The new RHodium filters are engineered with an extremely thin neutral density interlayer sandwiched between two sheets of crystal-clear SCHOTT water-white glass and manufactured to finer flatness/parallelism specifications than ever before. The result is that they help resolve even the finest detail and produce images free from distortion or abnormalities. And by encapsulating the interlayer between the glass, rather than on the surface, RHodiums are better protected from abrasions and other rigors of production.

In the lab, RHodiums are the first filters to undergo tristimulus scanning, a more critical color measurement than methods previously used to measure filter quality. This method verifies *neutrality* by utilizing a colorimetric algorithm that compares samples to perfectly neutral light. The result is unprecedented accuracy.

Additionally, in real world testing on popular high-end cameras, the RHodiums have proven to be free of infrared light leakage that has plagued many previous ND filters.

According to DIT Dan Zimbaldi, "The Schneider RHodium NDs preserve that natural color while still capturing the full spectrum evenly. This is of particular importance in post production color grading because it allows the colorist to grade all the shots the same, filtered or unfiltered."

Schneider's unique Edge Seal protects against delamination and edge chipping, while also reducing edge reflection and edge glare.

RHOdium FSND Filters will be available in April, 2017. MSRP for the 4"x5.65" size starts at \$449 while 6"x6" start at \$699.

For additional information in the US, call NY 631-761-5000, CA 818-766-3715, or visit www.schneideroptics.com

Outside the US please contact sales@schneiderkreuznach.com or visit www.schneiderkreuznach.com

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