

# VANTAGE BLUE-VISION® EXP

## Five Experimental Flaring Attachments

The horizontal flare created by certain anamorphic lenses has led to many discussions in recent years. On the one hand, this optical imperfection is quite irritating because it highly impacts the impression of the images. On the other hand, its technical look is appreciated as an additional design element, especially in action films and commercials.

Historically, the flare originates from the optical construction and inadequate coating of the affected lens elements. Vantage Film has developed the Blue-Vision attachments to give cinematographers the ability to create appealing flares in a controlled way.

The new Vantage Blue-Vision EXP filters are thinner than the original version and only take up one slot in a standard matte box. Although flares can easily be attained with these filters, Vantage recommends proper testing of the effect in advance.



All Blue-Vision attachments are precisely tuned to the performance of Hawk Anamorphics and offer an especially pleasing solution when combined with them. However, these attachments can also be used with many spherical lenses from different manufacturers as well.



**The Blue-Vision EXP** comes as a set of five filters and is available in two sizes (6.6x6.6" or 4x5.65"). Each filter has its own characteristic that produces a different effect using strategically placed filaments (8 microns) to diffuse light. No. 1 produces the classic streak. No. 2 produces a frayed streak. No. 3 contains randomly placed filaments, and No. 4 and No. 5 both contain a circle of filaments that create blue-iris effects.



no effect



Vantage Blue-Vision® EXP No. 1

European Patent EP1 672419 B1  
German Patent DE10 2011 056 459  
Blue-Vision® is a  
registered trademark  
of Vantage Film



# VANTAGE BETHKE EFFECT®

The Vantage Bethke Effect® series of ten high quality filters refract and react with light in unique ways. How the filters are used will be as individual and distinct as the cinematographer using them.

Vantage fosters an environment of invention, and these filters are the inspired work of one of our top lens engineers, Heiko Bethke. His long-standing curiosity with light refraction led to years of Vantage-supported experimentation on a wide variety of materials. His work resulted in the development of these filters and the manufacturing techniques that make them and their flawless optical qualities possible.

Extensive testing revealed which materials resulted in the most interesting and potentially usable image abstractions. Making the final cut were diamond dust, filaments, and glass in varying shapes, e.g., pearls and cylinders. Color is another variable that played into the development of this exciting series of filters.

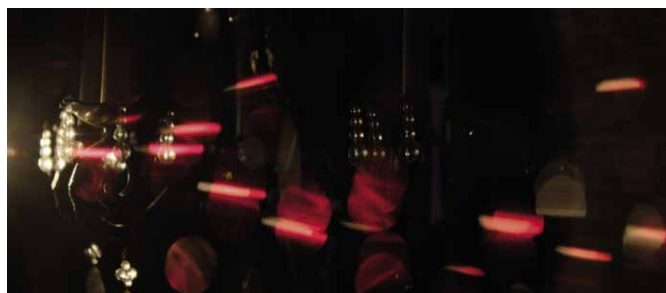
Equally crucial to success was Bethke's development of patented methods for the manufacture of technically perfect filters that incorporate these materials. We then named the various filters, such as Las Vegas 5AM, Fish Swarm, Ice Dust, and Dandelion before packaging them as a set of ten, each solidly mounted in an engraved frame and ready for the matte box.

Naturally, a cinematographer's personality and vision will inform the use these filters, and lens choice, focal length, direction of the light, and light intensity are only some of the variables that can change the effects the filters produce. The effects can be subtle or overwhelming –we leave that choice up to the cinematographer. Looking ahead, we plan to expand the range of Bethke Filters. As film enthusiasts, we know that sometimes the best cinema breaks the rules; these new filters work to break a few as well.

European Patents granted



**Vantage Bethke Effect®** is available in two sizes (6.6x6.6" or 4x5.65"). They are designed for use with Arri LMB-4, MB-14 and MB-28 matte boxes. A set contains ten filters: Aerosphere, Carnaby Street 1968, Dandelion, Fish Swarm, Ice Dust, Kojak Blue, Kojak Brown, Kojak Red, Las Vegas 5am, Red Pearls. Patented.



Kojak Red



Carnaby Street 1968



Las Vegas 5am

Original frame grabs. Shot with Hawk 45-90mm/T2.8 1.3x Squeeze Front Anamorphic Zoom Lens, Arri Alexa Plus 4:3 and Xenon Flashlight.

**If you'd like to run some tests with our Vantage Bethke Effect® filters before your next important shoot, give us a call.**

# VANTAGE GLARE EFFECT® FILTERS

The Vantage Glare Effect Filters are a series of five superior quality lens attachments that use prisms, crystals and other objects to break up light from outside the frame in fascinating and surprising ways.

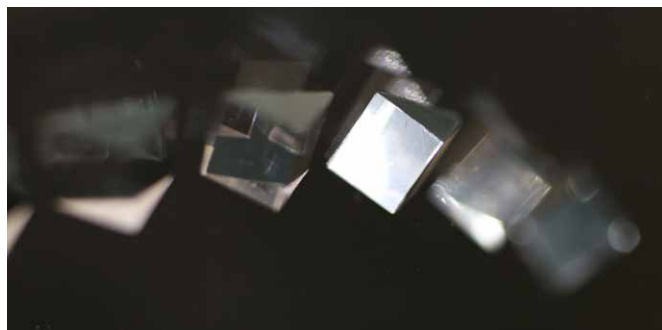
With the Vantage Glare Effect Filters, Vantage provides another tool whereby filmmakers can make the leap from precision engineering to visual poetry. The Vantage Glare Effect Filters grew out of our work with the Vantage Bethke Filters, which use a variety of materials to create image abstractions through the reflection and refraction of light. The Glare Effect Filters differ, however, from the Bethke Filters in three important ways. The first is the materials with which they are constructed, which include tiny prisms, glass rods, and Swarovski™ crystals, made by the legendary Austrian crystal manufacturer. The second crucial difference is that the Glare Effect Filters are designed to redirect light from outside the frame. As a result, the effect is not generated by a light source within the frame. The Bethke Filters, on the other hand, usually work with a light source that is present in the frame. The third difference is that unlike the Bethke Filters, which come in a range of colors, the Glare Effect Filters are completely white and work without adding color to the light and images they affect.

Because of the additional thickness of the objects they introduce into the optical path, the Vantage Glare Effect Filters take the place of two filters trays. The reflective and refractive elements are mounted between two pieces of optically flawless glass. The filters can be rotated or repositioned within the filter tray during the shot, to create dynamic effects.

The effects generated by the combination of Glare Effect Filters and the quality, angle, color and intensity of light range from subtle to powerfully abstract. As with any tool Vantage makes, the final effect depends on the individual judgment and inclination of the artist who wields it. At Vantage, we understand that superlative imagery is often the result of painstaking study and planning that intersects with an unexpected moment of inspiration. Our goal with the Glare Effect Filters is to help facilitate these "happy accidents."



**Vantage Glare Effect®** is available in two sizes (6.6 x 6.6" or 4 x 5.65"). They are designed for use with Arri LMB-4, MB-14 and MB-28 matte boxes. A set contains five filters: A, B, C, D, E. Glare Effect® is a registered trademark of Vantage Film



Mini Prisms used in Vantage Glare-Effect® A



High Quality Glass Crystals with Cut Diamonds are used in Vantage Glare-Effect® B

**If you'd like to run some tests with our Vantage Glare Effect® filters before your next important shoot, give us a call.**

# VANTAGE POLA FRAMES

Vantage Pola Frames are designed for use with ARRI matte boxes.

The Pola Frame allows rotation of the polarizer without turning the clip-on matte box.

Gears with module 0.8 allowing motorized in-shot rotation.

Vantage Pola Frames come in two sizes, both equipped with True Pol Circular filters.

A True Pol/85 combined version is available on request.



Vantage Pola Frame  
4x5.65" for ARRI MB-5,  
MB-18, MB-19



Vantage Pola Frame XL  
6.6x6.6" for ARRI LMB-4,  
MB-14

The Vantage Pola Frame XL covers very wide lenses e.g. Zeiss Ultra Prime 8R or Angénieux 24-290 mm Optimo

Made in Germany by Vantage Film GmbH  
For further information contact Vantage Film, Phone +49 961 26795, [www.vantagefilm.com](http://www.vantagefilm.com)

Patent pending

# VANTAGE SLIDE DIOPTERS

Vantage Slide Diopters are designed for use with regular Arri MB-14 or LMB-4 matte boxes.

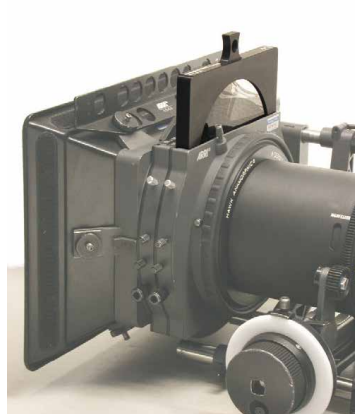
Vantage Slide Diopters fit directly into the filter slots of these matte boxes. Therefore, placing a diopter in front of the lens takes only a few seconds. Up to three Slide Diopters can be used at the same time. To insert a Slide Diopters, two of the original filter holders must be removed.

Lenses such as the Zeiss 10 or 12 Ultra Prime or the Hawk V-Series 30, 35, or 40 mm can be used with a diopter for the first time by simply placing a Vantage Slide Diopters into an Arri LMB-4 clip-on matte box.

Vantage Slide Diopters are made with high-quality optical elements that are set within precision machined and engraved aluminum frames.



A set contains three Diopters  
optical power: +0.5, +1, +2  
diopter dimension: 6"  
frame dimension: 6.6x6.6"  
widest lens Zeiss: 10 mm Ultra Prime  
widest anamorphic lens:  
Hawk V-Series 25 mm



**Vantage Slide Diopter +2**  
used with an ARRI MB-14



**Vantage Slide Diopter +1**  
used with an ARRI LMB-4

# VANTAGE SLENDER DIOPTER®

The extremely thin Vantage Slender Diopter® uses only a single filter slot. Its Rectangular shape covers wide lenses.



At Vantage, a wealth of experience and expertise in optical design goes into all our products – not just our well known Hawk Anamorphics and Vantage One T1 spherical lenses. We also take great care in the design and manufacture of other optical tools, always with the goal of providing filmmakers with new creative power and flexibility. The latest example is the new Vantage Slender Diopter®.

The Vantage Slender Diopter offers cinematographers the convenience of a high quality diopter in a standard rectangular 4x5.65" filter frame. By using extremely expensive Ohara™ S-LAH51 glass, we've created an ultra thin tool that uses a single filter slot in a standard ARRI™ matte box – often an advantage given the increased need for filters in today's digital cameras. The Vantage Slender Diopter also obviates the need for time-consuming mounting with a "donut." Instead, adding or removing the Slender Diopter® is as easy and quick as adding or removing a filter.

The Vantage Slender Diopter® has a magnification strength of +0.8, as opposed to the normal +1, extending the focal distance at infinity, with a small sacrifice of close focus distance. This compromise offers additional flexibility at the far end of the focal plane.

## Features of the Vantage Slender Diopter:

- Extremely thin – uses a single filter slot
- Rectangular shape covers wide lenses
- Magnification power of +0.8 adds distance
- Multiple anti-reflective coating on both sides eliminates ghosting
- Very convenient insertion and removal even with clip-on matte boxes
- Precise manufacturing yields extremely high picture quality with almost no distortion or aberration
- Designed to work seamlessly with Hawk and Vantage lenses



The VANTAGE Slender Diopter® uses a single filter slot in the matte box.

**If you'd like to run some tests with our Slender Diopter® before your next important shoot, give us a call.**

# VANTAGE SPOT DIOPTERS

Vantage Spot Diopters are designed for use with a ARRI MB-14 matte box.

Rotateable in-shot



A set contains 12 diopters  
optical power: +0.5, +1, +1.5  
bore diameter: 25 mm, 50 mm  
bore position: centered, offset  
diopter dimension: 6"  
widest lens covered: Zeiss 10 mm



**Vantage Spot Diopter**  
with 25 mm bore - offset



**Vantage Spot Diopter**  
with 50 mm bore

# VANTAGE SQUEEZE DIOPTERS

Vantage Squeeze Diopters are designed for use with an ARRI MB-14 matte box.

They add a subtle out-of-focus touch to the edges of the frame. Zooming “through” the Vantage Squeeze Diopter creates a unique in-shot variation of the soft effect.

The achieved effect is similar to the well-known Clairmont Squishy Lens™.



**Vantage Squeeze Diopter**  
with 25mm neutral zone



**Vantage Squeeze Diopter**  
with 75mm neutral zone

A set contains 9 diopters  
optical power: +1, +2, +3  
neutral zone diameter: 25 mm, 50 mm, 75 mm  
diopter dimension: 6"  
widest lens covered: Zeiss 10 mm



# VANTAGE STRIP DIOPTERS

Vantage Strip Diopters are designed for use with a ARRI MB-14 matte box.

Using a 6-filter stage, three Vantage Strip Diopters can be mounted at the same time to give the desired effect.

Geared Vantage Strip Diopters frames allowing motorized in-shot movements

A Reverse-Module for extreme out-of-focus effects is available



**Vantage Strip Diopter 15mm wide**



**Vantage Strip Diopter 30mm wide**

A set contains six Diopters  
optical power: +0.5, +1, +1.5  
strip width: 15 mm, 30 mm  
diopter dimension: 6.6"  
widest lens covered: Zeiss 10 mm