

- Velium is a research and manufacturing company established in 2019, which specializes in developing filters for photographers and videographers. The company is dedicated to providing exceptional, professional-grade products that incorporate disruptive innovations.

# Camera Filter Brochure

An Innovative Industry Disruptor for Videographers & Photographers.

**Velium**<sup>®</sup>

The ultimate filter system for videography, photography, and cinematography that meets all demands through its versatile hybrid filter design.

**PENTA** SYSTEM

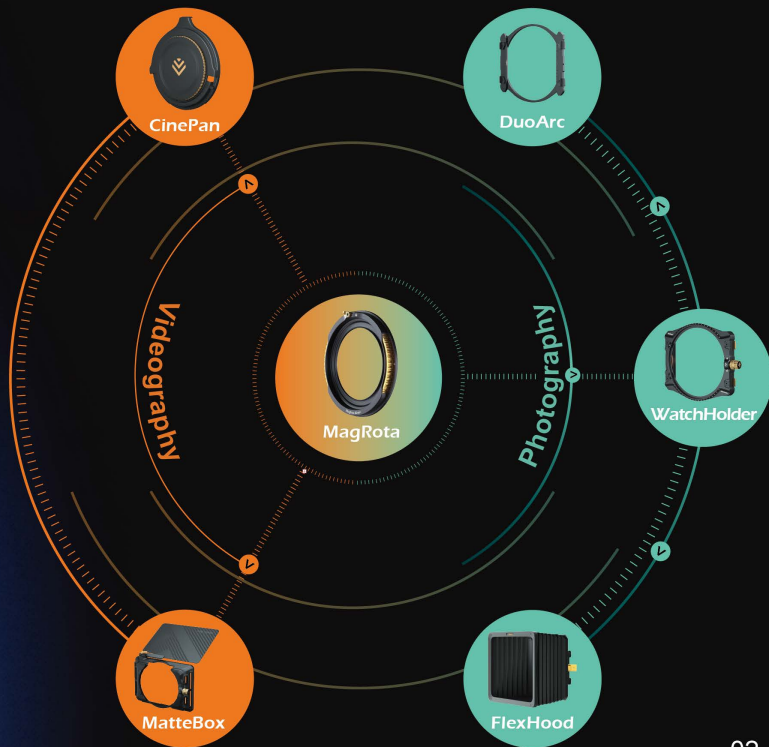
Revolutionize your workflow with the Edge Coded Magnetic Filters, now with white laser-etched markings for easy filter identification and a sleek, professional look.

**EDGE** LINE

**ZERO** FILTERS

Offers stunning design and the world's lowest surface reflectivity rates (<0.25% or <0.1%), providing a highly specialized solution

# PENTA SYSTEM



PENTA SYSTEM

MagRota

MagRota



**200G** WEIGH ONLY

MagRota contains 4 filters= iPhone 14 Pro



# Streak x VND x Mist for simultaneous use.



- U.S. Patent No. 11,184,512;
- EU Patent No. EP 3904932 A1;
- Japan Patent No. 7,005,730;
- Korea Patent No. 10-2477430;
- Taiwan Patent No. I767386, M613401.



**Support 3 Filters**  
@14mm No Vignetting.

**EXCEED LIMIT**

\* Shown as Director Kit in the poster.

\*\* This is based on the test results of Nikon Z 14-30mm f/4 S lens.

# World's first Dual CPL design for VNDs

No X-pattern with W-side on short focal length.

Add 3+ stops with T-side on long focal length.

**T**»»  
Telephoto



««  
**W**  
Wide-angle



PENTA SYSTEM

MagRota

Before

After

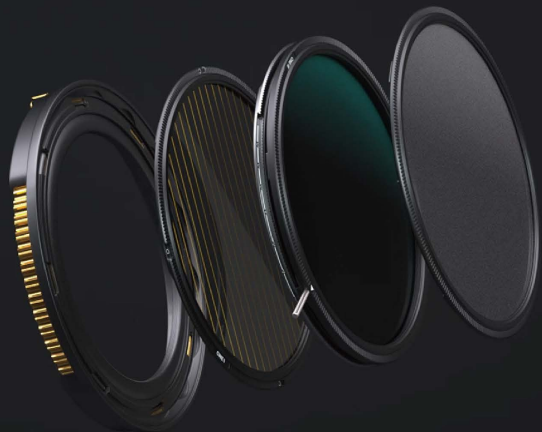
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## VND with integrated Polarizer



When you rotate the front VND, it functions as a variable ND filter, and when you rotate the CPL and VND together, it functions as a polarizer.

# Streak x VND x Mist



With MagRota, you can effortlessly add professional anamorphic-style flares to your scenes without the need of stylized cinema lenses, and adding an extra VND to utilize a wider aperture which in turn will give you a shallow depth of field and capture cinematic motion blur footage. You can also capture subjects with a dreamy, smooth, angelic look. MagRota can do them all at the same time.



PENTASYSTEM

MagRota

Before



After





## GND x VND



QR scan for video.

Using a GND to balance brightness between the ground and sky and adding a VND to enable a wider aperture for a shallow depth of field can capture cinematic motion blur footage, making it a useful technique for photos and videos.

# CPL x GND x ND



With the MagRota structure, you can effortlessly adjust CPL and GND independently, and then stack a ND for a long exposure.



PENTA<sup>SYSTEM</sup>

MagRota

Before

After

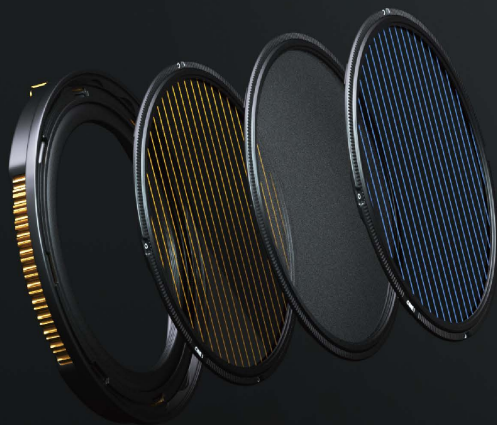
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PENTA SYSTEM

MagRota



## Streak Gold x Mist x Streak Blue



This unique structure makes it easy to adjust the angle of the streak filters, both independently and together, and to add an extra Mist filter between the streaks.



Dual CPL



VND 2~5 Stop x PL



VND 5~9 Stop x ND32PL



ND 3-Stop (8X)



ND 6-Stop (64X)



ND 10-Stop (1000X)



GND 3-Stop Soft



GND 4-Stop Soft



Sharp Star

01

02

03

04

05

06

'TRUE' Series

'SOFT' Series

01



Black Mist 1/8



Black Mist 1/4



Black Mist 1/2

02



White Mist 1/8



White Mist 1/4



White Mist 1/2

03

04

05



Star Glow

06





Streak Blue



Streak Gold



Streak Rainbow



Swirl Blue



Swirl Gold



Confetti



Star 4 Point



Star 6 Point



Star 8 Point



'SHINING' Series

01

02

03

04

05

06



Natural Night



Day for Night



Gold N Blue



• Taiwan Patent No. M608507.

Introducing the world's first  $N \times N$  integrated solution, revolutionizing traditional rules. Velium's 100mm system boasts an unprecedented evolution, combining MagRota round filters and WatchHolder square filters to offer unparalleled filter combinations for industry-leading performance. Whether it's a  $1 \times 3$ ,  $2 \times 2$ , or  $3 \times 1$  configuration, the range of available filter combinations is exceptional. With the precision of square filters and flexibility of round filters, unleash your creativity and explore new possibilities like never before.

WatchHolder

'BALANCE' Series

01

02

03

04

05

06



GND 2-Stop Soft



GND 3-Stop Soft



GND 4-Stop Soft



GND 2-Stop Hard



GND 3-Stop Hard



GND 4-Stop Hard



GND 2-Stop Reverse



GND 3-Stop Reverse



GND 4-Stop Reverse

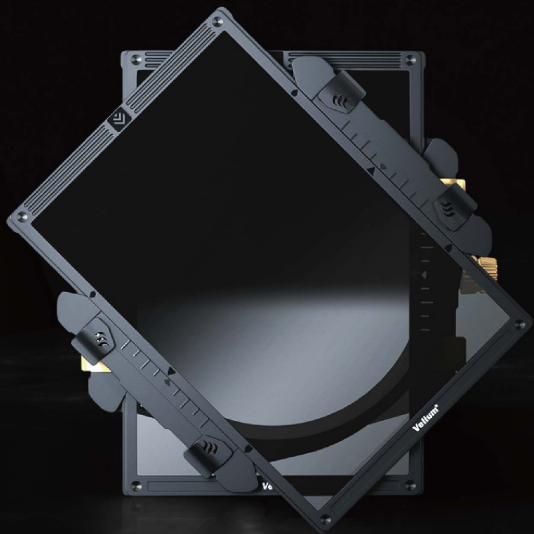


ND 6-Stop (64X)



ND 10-Stop (1000X)





## DuoArc



Our latest design unlocks unprecedented precision and superpowers. Developed with professional photographers, our 100mm system integrates the revolutionary DuoArc dual-rotating bracket, without adding bulk. This hardware breakthrough takes your photography to the next level, allowing you to effortlessly capture complex lighting conditions with ease. Our system offers greater creative control and expands your artistic possibilities, with two precise angles and unparalleled rotation capabilities.

## Why choose Velium Square Filters?

- CrystalElement™ glass is used to increase optical clarity and color fidelity, with even lower refractive index and surface reflectivity than the well-known Schott B270®.
- With a thickness of only 1mm, the optical substrate reduces the path of light by half compared to traditional 2mm filters, resulting in less loss of resolution and superior clarity. This advantage is especially pronounced when using multiple filters together, ensuring razor-sharp image resolution.
- The frame features an ultra-thin, one-piece design, making it the ultimate lightweight option on the market. The 100x150mm and 100x100mm filters are 39% and 36% lighter, respectively, than the frameless 2mm filters.
- The LightShield™ solution creates a light-tight seal between multiple filters, enhancing the effectiveness of long-exposure photography.
- The protective frame ensures optimal protection against drops at all times and prevents fingerprints while handling the filters.
- The integrated safety catch structure is designed to prevent accidental sliding of the lens.
- The integrated SafetyCatch™ structure is designed to prevent accidental sliding of the filters.





## FlexHood

FlexHood helps you select only the most refined and complex light for your images. Our innovative accordion-style body offers exceptional anti-glare performance, allowing you to shoot with a super-wide angle (@14mm) or a wide focal length (@35mm) without vignetting. Each FlexHood is handcrafted using traditional techniques for the perfect custom-fit.

## Adjustable length

It ensures wide angle of view without any cut-off (vignetting) at 14mm and effectively resists glare and ghosting in the mid to long focal length range.



## Tilts to different angles

The hood can be positioned very accurately to remove any side lighting or glare hitting the lens.



## Independently rotatable from the filter holder

Users can freely adjust the angle of the grad filter in the holder without impacting the angle and position of the hood.





## MatteBox

Upgrade your gear with Velium's Mattebox, the small, light, and stylish solution for filmmakers. With the added advantage of being mountable to a 15mm rod system, this mattebox stands out from the rest. Its compact size allows for easy maneuverability on set, while still offering the necessary features for professional use. With its adjustable flags and magnetic stacking filter ability, as well as compatibility with various lens sizes, Velium's MatteBox is the perfect addition to any filmmaker's gear.



PENTA<sup>SYSTEM</sup>

CinePan



## CinePan

Introducing the world's first "suspended" cinematic special effects filter, achieving the impossible. With the ability to independently control 82mm Thread-on filters, it allows you to mimic the professional look of anamorphic lenses and various diopters and prisms to create unique images in-camera. The PENTA filter system covers three independent application scenarios (magnetic, square, and threaded), making it the most complete filter ecosystem in the world.



Anamorfake 1.33x



Anamorfake 2x



Split Diopter



Strip Diopter



Kaleidoscope



Split Kaleidoscope



Linear Prism



Halo



Split Halo

01

02

03

04

05

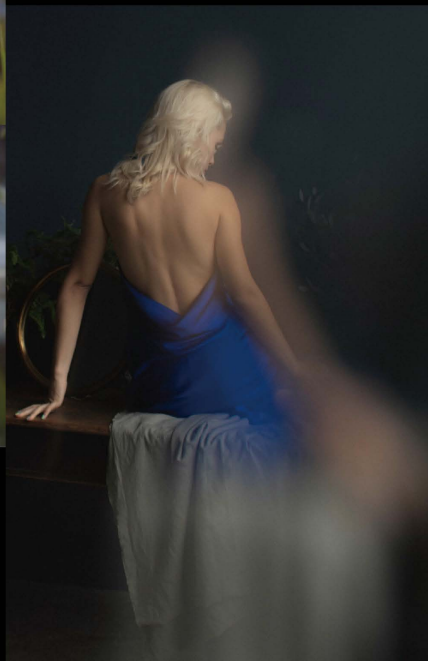
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'ANA-MAGIC' Series



Anamorfake 2x

Split Diopter



Linear Prism



## Strip Diopter

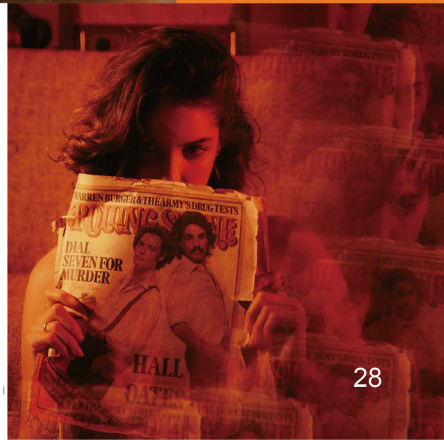


PENTA<sup>SYSTEM</sup>

CinePan

Kaleidoscope

Split  
Kaleidoscope



PENTA SYSTEM

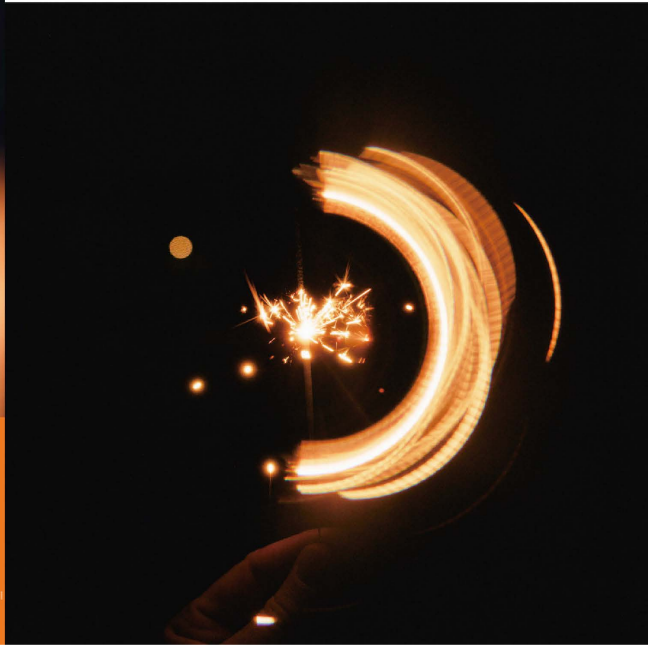
CinePan



Halo

29

Split Halo



# EDGE LINE

Revolutionize your workflow with the Edge Coded Magnetic Filters, featuring a magnetic frame for quick and easy filter changes, and laser-etched markings for fast filter identification. Explore the Edge and take your photography to the next level.







Protector



True Color Polarizer



Natural Night



ND 3-Stop (8X)



ND 6-Stop (64X)



ND 10-Stop (1000X)



Short Star 4 Point



Short Star 6 Point



Short Star 8 Point





Black Mist 1/8



Black Mist 1/4



Black Mist 1/2



White Mist 1/8



White Mist 1/4



White Mist 1/2



## **ZERO** FILTERS

Introducing ZERO, the ultimate optical solution from Velium that goes beyond limits. With a stunningly aggressive CNC-patterned gold-black frame design and an irresistible texture, the ZERO filters boasts an unparalleled surface reflectivity rate. Available in two types with surface reflectivity rates of  $<0.25\%$  and  $<0.1\%$ , respectively, the latter being the lowest in the world. ZERO filters is crafted for true professionals who demand the best. Get ready to be blown away by the power of ZERO!



Protector ZERO.25



Protector ZERO.1

# Camera Filter Brochure

**Velium®**

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