



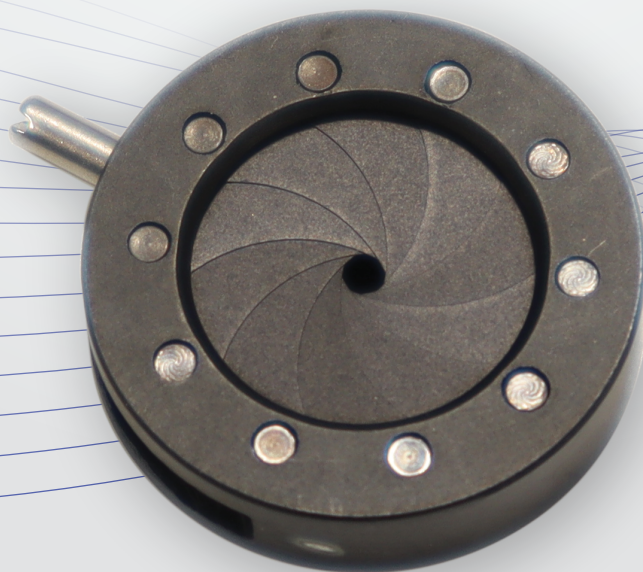
**OUR SOLUTION TO "MASTER LIGHT MANIPULATION AND HARNESS
THE POTENTIAL OF IRIS DIAPHRAGMS!"**



**UNMOUNTED IRIS
DIAPHRAGMS**

REVIUN UNMOUNTED IRIS DIAPHRAGM

Introducing our Continuously Variable Iris Diaphragm, a versatile tool for precise light control in optical systems. This iris diaphragm offers seamless adjustment of aperture size, allowing for easy integration into existing setups. With an outside diameter of 19.8mm and a compact thickness of 5mm, it provides a space-efficient solution for diverse applications. Experience ultimate control over light intensity with our iris diaphragm's impressive range. The minimum aperture diameter of 1mm allows for precise light restriction, while the maximum aperture diameter of 12mm enables ample light transmission. With 10 carefully crafted blades, this diaphragm ensures smooth and consistent adjustment, delivering reliable performance. Whether you need to fine-tune light levels for imaging, optimize beam shaping in laser systems, or achieve accurate depth of field control, our Continuously Variable Iris Diaphragm is the ideal choice. Unlock the power of light control with this compact and versatile solution, offering unmatched precision in optical applications.



SPECIFICATIONS

OUTSIDE DIAMETER (mm) - 20.00

NUMBER OF BLADES - 10

THICKNESS (mm) - 5.00

MINIMUM APERTURE DIAMETER (mm) - 1.00

MAXIMUM APERTURE DIAMETER (mm) - 12.00

CONSTRUCTION - Plastic

“REVIUN PRODUCTS ARE SHIPPED WORLDWIDE INCLUDING ONE-YEAR WARRANTY AS STANDARD.”

“ALSO AVAILABLE IN DIFFERENT APERTURE RANGES IN UNMOUNTED OPTIONS SUCH AS 24 AND 36 mm.”

APPLICATIONS

- **Light Control:** Regulate the amount of light passing through an optical system with precise adjustment of the aperture size, allowing for optimal brightness and exposure control.
- **Depth of Field Adjustment:** Achieve desired depth of field in imaging systems by controlling the aperture size, resulting in precise focus and zone of sharpness in captured images.
- **Beam Shaping:** Shape and control light beams with adjustable aperture sizes, enabling customization of beam characteristics such as collimation, divergence, or convergence.
- **Optical System Calibration:** Utilize iris diaphragms for accurate calibration of optical systems by precisely controlling the amount of light passing through the system.
- **Laser Beam Attenuation:** Safely attenuate laser beams by adjusting the aperture size, ensuring controlled laser power output for various applications.
- **Optical Characterization:** Control incident light on samples or devices during optical characterization, allowing for precise measurements and characterization of optical properties.
- **Alignment and Collimation:** Achieve accurate alignment and efficient light coupling in optical systems by utilizing iris diaphragms to center and collimate beams.
- **Microscopy and Imaging:** Optimize image contrast and reduce stray light in microscopy and imaging systems with iris diaphragms, enhancing overall image quality.

“WE CAN CUSTOMISE THIS PRODUCT IN ACCORDANCE WITH YOUR APPLICATION, REQUIREMENTS INCLUDING ERGONOMIC DESIGN”



SALES & SUPPORT



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