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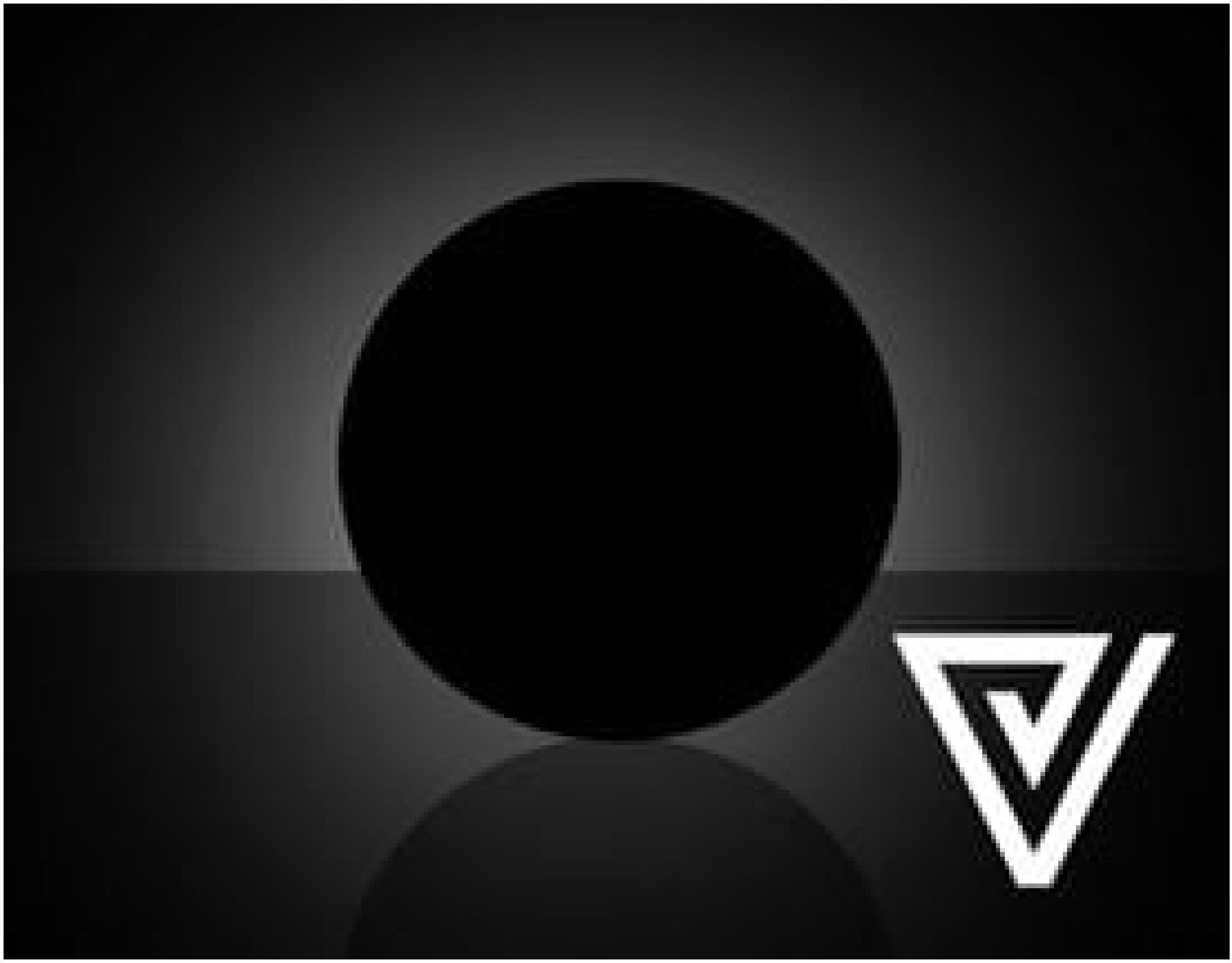
25.4mm Dia., 3.18mm Thick Veluminum™ Panel



Veluminum™ Panels

Stock **#17-708** **5 In Stock**

- 1 + **S$151.20**

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Volume Pricing	
Qty 1+	**S$151.20** each
Need More?	Request Quote

Product Downloads

Physical & Mechanical Properties

Diameter (mm):
25.40 +0.0/-0.1

Construction:
Veluminum™ Treated Anodized Aluminum (6061-T6)

Thickness (mm):
3.18 ±0.20

Environmental & Durability Factors

Abrasion Resistance:
Light, do not touch

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 235:

Compliant

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our custom manufacturing capabilities or submit an inquiry here.

Product Details

- Engineered Anodized Aluminum Surfaces to Reduce Reflectivity
- High Absorbance of Visible Light
- 25.4mm Dia. for Integration into Benchtop Systems

Veluminum™ Panels feature engineered anodized aluminum surfaces with a surface morphology that reduces reflectivity of incident light. The Veluminum treated surfaces have high absorbance of visible light and high durability compared to carbon nanotube deposition. Veluminum technology is ideal for mitigating stray light in systems involving cameras, microscopes, laser systems, and optical instruments. For example, this technology can be applied to complex geometries and interior surfaces, such as extension tubes or lens barrels to reduce stray light. These Veluminum Panels can be used as beam dumps with low power visible lasers or to prototype performance for use of the technology in custom optical assemblies.

Customized Veluminum™ Treatment of Metal Surfaces: Please contact us for custom Veluminum™ solutions for imaging, microscopy, and laser systems.

Note: While more durable than other blackening technologies, the Veliminum™ treated surfaces are sensitive to mechanical contact. Avoid touching these surfaces to ensure best performance.

Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our Optics Cleaning Resources for step-by-step guides and best practices. For personalized assistance, Email us or Chat with our technical support team.

Component Handling Tools

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