

## 2mm FL, 532nm, Visible Metalens Plate



Stock #86-930 NEW **1 In Stock**

S\$1,050<sup>00</sup>

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| Qty 1-9        | S\$1,050.00 each              |
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### Product Downloads

### General

**Note:**  
Black absorptive aperture applied to metasurface

### Physical & Mechanical Properties

**Dimensional Tolerance (mm):**  
+/-0.2

**Thickness (mm):**  
0.70 ±0.07

**Outer Dimensions (mm):**  
20.0 x 20.0

Inner Diameter (mm):

## Optical Properties

Effective Focal Length EFL (mm):  
2.00 ±2%

Substrate:   
Eagle XG

Numerical Aperture NA:  
0.71

Coating:  
Broadband 420-670nm AR Coating, backside  
Protective Overcoat, frontside

Coating Specification:  
Broadband 420-670nm AR-Coating (Back surface only)  
R<sub>abs</sub> ≤1% from 420-670nm  
R<sub>avg</sub> ≤0.4% from 420-670nm

Design Wavelength DWL (nm):  
532

Index of Refraction (n<sub>d</sub>):  
1.5198 (435.8 nm), 1.5078 (643.8 nm)

Transmission (%):  
50

## Regulatory Compliance

Certificate of Conformance:  
[View](#)

## Product Details

- Flat, Space Saving Alternative to Traditional Lenses
- Nanostructure Design Enables Efficient Manipulation of Light
- Compact 0.7mm Thickness for Easy Integration into a Variety of Applications

Visible Meta-Lens Plates are designed with an innovative nanostructure design to manipulate and focus light, offering a highly compact and high-performance alternative to traditional curved lenses. Featuring ultra-thin Eagle XG substrates, these lens plates are available for 532nm and 632nm design wavelengths in a range of focal lengths. These meta-lenses are available in a single lens construction, where an individual meta-lens is centered on the plate and surrounded by an absorptive aperture to reduce stray light, or an array construction, where one of each of the four smaller Meta-lenses are arranged on a single plate for versatility. Visible Meta-Lens Plates are ideal for low SWaP, LIDAR, imaging, and beam shaping applications.

**Note:** The Meta-lens surface is very delicate, and contact should be avoided during cleaning and handling. Visible Meta-lens Plates should be cleaned only using compressed air.