

## 4μm λ/4 MWIR Zero Order Waveplate



Stock #85-111 [CONTACT US](#)

⊖ 1 ⊕ A\$1,672<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-9	A\$1,672.00 each
Qty 10+	A\$1,496.00 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Crystalline Waveplate **Type:**

### Physical & Mechanical Properties

10.0 **Clear Aperture CA (mm):**

25.40 **Diameter (mm):**

3 **Parallelism (arcmin):**

Crystalline

Construction:

## Optical Properties

4000 Design Wavelength DWL (nm):

MgF<sub>2</sub> Substrate: □

λ/4 Retardance:

60-40 Surface Quality:

<λ/8 @ 632.8nm Transmitted Wavefront, P-V:

λ/100 @ 20°C Retardance Tolerance:

0 Retardance Order:

## Threading & Mounting

6.0 Mount Thickness (mm):

## Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant Reach 247:

## Product Details

- Ideal for Applications in the 3 – 7μm Range
- λ/4 and λ/2 Retardance
- Mounted for Easy Alignment and System Integration

Our zero order Mid-Wave Infrared (MMIR) Waveplates are designed for applications in the 3 – 7μm wavelength range. When compared to multiple order waveplates, zero order waveplates provide increased bandwidth and lower sensitivity to temperature change. These waveplates are available with λ/4 or λ/2 retardance in a range of wavelengths, offer efficient retardation over broad spectral ranges, and are ideal for a variety of infrared (IR) applications. Each MMIR waveplate is anti-reflection coated, and has been mounted to ease system integration.

## Technical Information

