

## 3.25" x 4.00", 6.0" FL, Cylinder Fresnel Lens



Cylinder Fresnel Lenses

Stock **#46-114** **3 In Stock**

⊖ 1 ⊕ £56<sup>00</sup>

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Volume Pricing	
Qty 1-10	£56.40 each
Qty 11-49	£50.40 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Fresnel Lens **Type:**

### Physical & Mechanical Properties

0.06 **Center Thickness CT (inches):**

±0.05 **Dimensional Tolerance (inches):**

3.25 x 4.0      **Dimensions (inches):**

82.55 x 101.6      **Dimensions (mm):**

3.0 x 4.0      **Effective Size (inches):**

±0.020      **Thickness Tolerance (inches):**

### Optical Properties

152.40      **Effective Focal Length EFL (mm):**

Acrylic      **Substrate:**

Uncoated      **Coating:**

400 - 1100      **Wavelength Range (nm):**

6.00      **Effective Focal Length EFL (inches):**

65.00      **Groove Density (grooves/inch):**

1.49      **Index of Refraction (n<sub>d</sub>):**

85 (Typical)      **Transmission (%):**

### Environmental & Durability Factors

80 (Maximum)      **Operating Temperature (°C):**

### Regulatory Compliance

[Compliant](#)      **RoHS 2015:**

[View](#)      **Certificate of Conformance:**

[Compliant](#)      **Reach 242:**

## Product Details

- Collapsed Version of a Standard Cylinder Lens
- Ideal for Focusing One Dimension
- Various Sizes Available

## Technical Information

