

# 16mm Standard Schneider Compact VIS-NIR Lens



Schneider Compact VIS-NIR Lenses

Stock **#59-822** **3 In Stock**

-

1

+

€2.219<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €2.219,00 each                |
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**i** Prices shown are exclusive of VAT/local taxes

## Product Downloads

### General

|                                  |         |
|----------------------------------|---------|
| Schneider Compact VIS-NIR Lenses | Series: |
| Fixed Focal Length Lens          | Type:   |

### Physical & Mechanical Properties

|          |              |
|----------|--------------|
| Variable | Iris Option: |
|          | Length (mm): |

|       |                        |
|-------|------------------------|
| 41.00 |                        |
|       | Maximum Diameter (mm): |
| 31.5  |                        |
|       | Outer Diameter (mm):   |
| 34    |                        |
|       | Weight (g):            |
| 102   |                        |

Optical Properties

|              |                                        |
|--------------|----------------------------------------|
|              | Horizontal Field of View, 1" Sensor:   |
| 43.4°        |                                        |
|              | Horizontal Field of View, 1/2" Sensor: |
| 51.0°        |                                        |
|              | Maximum Image Circle (mm):             |
| 16.00        |                                        |
|              | Focal Length FL (mm):                  |
| 16.00        |                                        |
|              | Working Distance (mm):                 |
| 155 - ∞      |                                        |
|              | Aperture (f/#):                        |
| f/1.8 - f/22 |                                        |
|              | Distortion (%):                        |
| <-3          |                                        |
|              | Lens Wavelength Range:                 |
| VIS-NIR      |                                        |

Sensor

|      |                        |
|------|------------------------|
|      | Maximum Sensor Format: |
| 1"   |                        |
|      | Pixel Size (µm):       |
| 3.45 |                        |

Threading & Mounting

|              |                |
|--------------|----------------|
|              | Filter Thread: |
| M30.5 x 0.50 |                |
|              | Mount:         |
| C-Mount      |                |

Regulatory Compliance

|                           |                             |
|---------------------------|-----------------------------|
|                           | RoHS 2015:                  |
| <a href="#">Compliant</a> |                             |
|                           | Certificate of Conformance: |
| <a href="#">View</a>      |                             |
|                           | Reach 233:                  |
| <a href="#">Compliant</a> |                             |

## Product Details

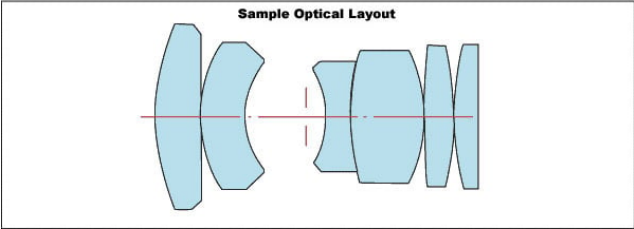
- Up to 4/3", C-Mount Lens
- Spectral Range of 400-1000nm with Color Corrected Options
- 4.8mm to 50mm Focal Length

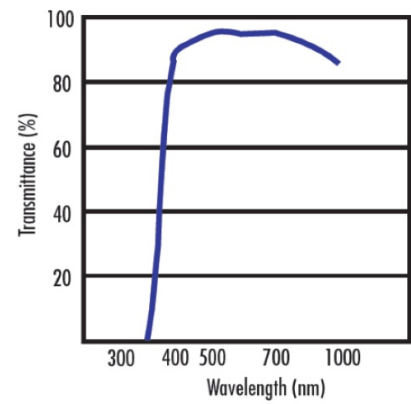
Schneider's Standard VIS-NIR lenses can accommodate up to a 4/3" sensor (22mm image circle) but will need to be refocused when switching between VIS and NIR wavelengths.

This series of lenses features a robust mechanical design, lockable focus, lockable iris, and filter mount threads, making them ideal for typical industrial settings. The optical design is an excellent match for high pixel depth cameras. Their excellent optical performance over the entire working distance range corresponds perfectly to the capabilities of high resolution sensors.

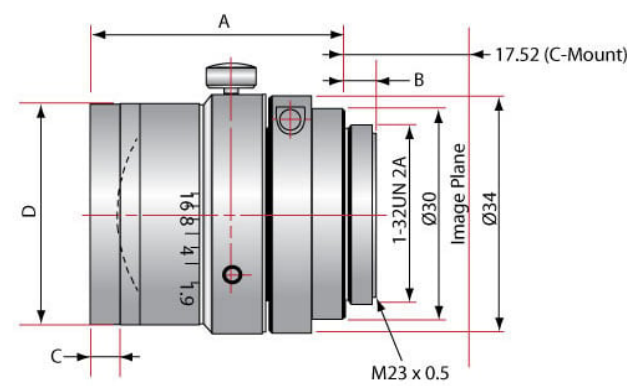
**Note:** Lenses with M62 x 0.75 filter thread require [#59-825](#) filter thread adapter.

## Technical Information





Typical  
Transmission



| Stock No. | A      | B      | C      | D      |
|-----------|--------|--------|--------|--------|
| #59-819   | 41.0mm | 6.3mm  | 2.8mm  | 37.3mm |
| #64-764   | 40.9mm | 3.75mm | 2.5mm  | 31.5mm |
| #56-533   | 32.4mm | 5.1mm  | 0.9mm  | 31.5mm |
| #56-534   | 42.7mm | 5.8mm  | 1.2mm  | 31.5mm |
| #56-535   | 33.4mm | 4.3mm  | 12.4mm | 31.5mm |
| #56-536   | 36.9mm | 3.8mm  | 8.2mm  | 31.5mm |
| #56-537   | 34.7mm | 3.8mm  | 2.6mm  | 31.5mm |
| #59-820   | 74.0mm | 3.8mm  | 4.3mm  | 42mm   |

| Stock No. | A      | B     | C     | D      |
|-----------|--------|-------|-------|--------|
| #59-821   | 46.1mm | 4.1mm | 0.3mm | 37.3mm |
| #59-822   | 40.9mm | 3.8mm | 2.5mm | 31.5mm |
| #59-823   | 34.7mm | 3.8mm | 2.6mm | 31.5mm |
| #59-824   | 36.9mm | 3.8mm | 8.2mm | 31.5mm |

