

25mm Focal Length Lens, 1" Sensor Format

#63-246



25mm Focal Length Lens, 1" Sensor Format, #63-246

1" Format Fixed Focal Length Lenses provide high throughput and high resolution across the entire camera sensor, allowing for excellent imaging even in less-than-ideal lighting conditions. Offered in 9 focal lengths from 4.7mm to 75mm, this complete family covers many of the applications in the market today. Engineered to minimize distortion, these lenses provide a perfect image for a human operator or an automated system. 1" Format Fixed Focal Length Lenses also feature a standard C-Mount lens mount for easy integration with the most common machine vision [cameras](#) we offer. All lenses feature front filter threading to attach to your choice of [optical filter](#).

General

Series:	1" Format Fixed Focal Length Lenses
Type:	Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:	Variable
Length (mm):	43.00
Maximum Diameter (mm):	42.0
Outer Diameter (mm):	42
Weight (g):	125

Optical Properties

Horizontal Field of View, 1" Sensor:	29.3°
Maximum Image Circle (mm):	16.00
TV Distortion (%):	<-1.0
Focal Length FL (mm):	25.00
Working Distance (mm):	300 - ∞
Aperture (f/#):	f/1.4 - f/16
Maximum Distortion (%):	< -1.0%
Lens Wavelength Range:	VIS

Sensor

Maximum Sensor Format:	1"
Pixel Size (μm):	5.00

Threading & Mounting

Filter Thread:	M35.5 x 0.50
Mount:	C-Mount



January 15, 2026

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

Stock No.	Description
63-246	25mm Focal Length Lens, 1" Sensor Format

This item is EU RoHS (2015/863/EU) exempt based on **Exemption 6c**: Copper alloy containing up to 4% lead by weight.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance
January 15, 2026

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | Compliance@edmundoptics.com



January 15, 2026

Stock No.	Description
63-246	25mm Focal Length Lens, 1" Sensor Format

Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations



January 15, 2026

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

Stock No.	Description
63-246	25mm Focal Length Lens, 1" Sensor Format

This item contains substances listed on the REACH SVHC list as of 27 June 2024 in quantities exceeding 0.1% weight by weight, please contact compliance@edmundoptics.com if you require more information.

Please note the following:

- Entry 11 of Annex V of the REACH regulation EC 1907/2006 as amended by regulation 987/2008, exempts "non-hazardous" glass components from registration.
- Items considered to be packing materials and which do not form part of, or are not required for the operation of, the product, are not considered to be within scope of this declaration.
- EO does not routinely analyze products for substances not purposely added or specified within the design specifications, drawings and assembly procedures.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance
January 15, 2026

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | Compliance@edmundoptics.com