

UV Lens

Features

**An optical system that employs optical-grade quartz glass for imaging in the near-ultraviolet region
This lens is optimized for application in the inspection of minute surfaces**

Used for detection of counterfeit banknotes; falsified documents and credit cards, surface inspection of circuit boards for soldering defects

High performance quartz glass, enabling the capture of sharp images in the near-ultraviolet region.

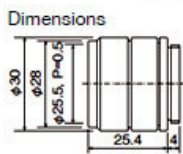
Extended wavelength range (230nm to 800nm), with peak performance at 365nm.

Compact design, ideal for integration into machine vision systems

Optimised for use with band pass filters and UV illumination to provide falsified documents detection

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FL-BC2528-VGUV



Unit: mm

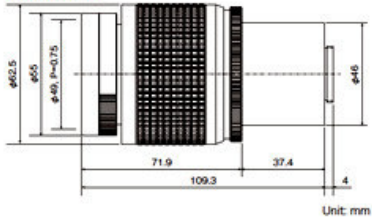
Format size	1, 2/3, 1/2" format	
Focal length	25 mm	
Maximum aperture ratio	1:2.8	
Iris range	2.8-16	
Mount	C	
Horizontal angle of view	1/3" format	11.1°
	1/2" format	14.8°
	1/1.8" format	16.6°
	2/3" format	20.4°
	1" format	29.7°
Minimum object distance	0.23 m	
Back focal length	22.07 mm	
Filter size	25.5 P=0.5 mm	
Dimensions	φ30×25.4 mm	
Weight	33 g	
Remarks	Optimum wavelength 365nm	

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FL-BC7838-VGUV



Dimensions



Format size	1, 2/3, 1/2" format	
Focal length	78 mm	
Maximum aperture ratio	1:3.8	
Iris range	3.8-16	
Mount	C	
Horizontal angle of view	1/3" format	3.5°
	1/2" format	4.7°
	1/1.8" format	5.3°
	2/3" format	6.5°
	1" format	9.5°
Minimum object distance	0.44 m	
Back focal length	71.31 mm	
Filter size	49 P=0.75 mm	
Dimensions	φ62.5×109.3 mm	
Weight	446 g	
Remarks	Optimum wavelength 365nm	