

## 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

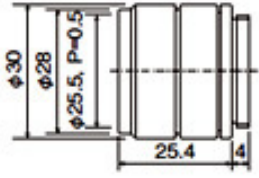
- High performance quartz glass, enabling the capture of sharp images in the near-ultraviolet region.
- Extended wavelength range (230nm to 800nm), with peak performance at 365nm.
- Compact design, ideal for integration into machine vision systems
- Optimised for use with band pass filters and UV illumination to provide falsified documents detection

### FL-BC2528-VGUV

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



Dimensions



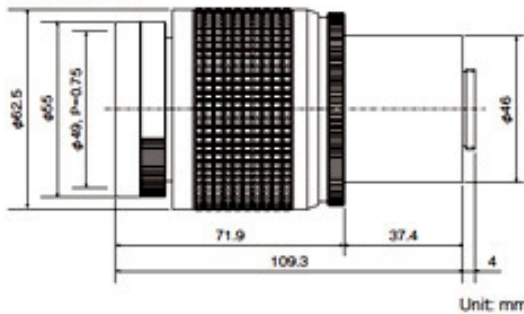
Unit: mm

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

## FL-BC7838-VGUV



Dimensions



Unit: mm

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



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