



Vision Light Tech

creating optical solutions

UV Lenses

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

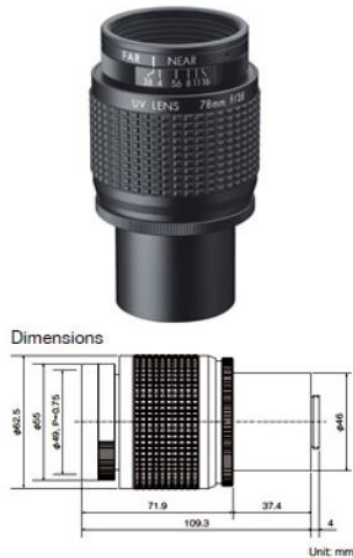
Optimised for use with band pass filters and UV illumination to provide falsified documents detection

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
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



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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