

# High NA UV Objective lens (Adhesive - Free)

## Features

- ◎ High NA provides **small focus spot**
- ◎ No adhesives design realizes **significantly reduced outgassing**
- ◎ High durability coating allows **high-power laser applications**

## Applications

- ◎ **High resolution imaging** e.g. on semiconductor, advanced packaging and flat panel display applications
- ◎ Submicron **laser microfabrication**

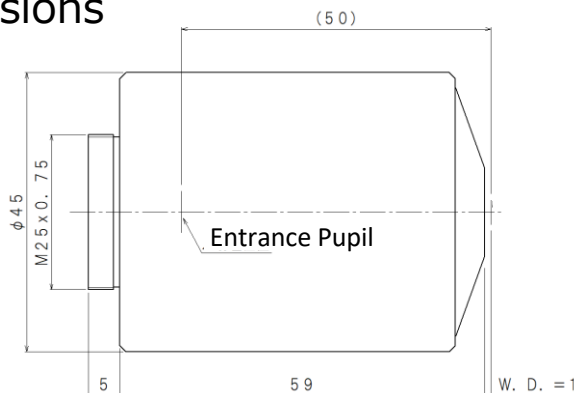
## Specification

Item	CA266-4085	CA355-4085	CA405-4085
Wavelength	266nm	355nm	405nm
Numerical aperture (NA)	0.85		
Focal length	4mm		
Transmittance	≥85%		
Field of view	φ0.45mm		
Theoretical resolution※1	0.19um	0.25um	0.29um
Focus spot diameter※2	φ0.20um	φ0.27um	φ0.30um
Working distance	1mm		
Parfocal length	60mm		
Weight	Approx.490g		

※1. Airy disk radius  $0.61(\text{wavelength})/\text{NA}$

※2.  $4\lambda M^2 f / \pi D$  ( $M^2=1, f/D=1/2\text{NA}$ )

## Dimensions



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Optical components, optical systems, lasers



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