

COMPATIBLE PRODUCTS





BEAMAGE-3.0/4M

BEAMAGE-4M-FOCUS (for BA32-1KW only) PH series

KEY FEATURES

> FOR ALL BEAMAGE MODELS

We offer various SM1-threaded absorptive ND filters that can be fixed directly on the aperture of the Beamage camera via a SM1 to C-mount adaptor. We also offer SM2-threaded filters that can be fixed on the Beamage-4M-FOCUS via a SM2 to T-Mount adaptor.

> HIGH-QUALITY OPTICS

These filters reduce the intensity of all wavelengths without affecting the wavefront of the beam or distorting the image.

> STACKABLE ATTENUATION

Subsequent filters can be stacked directly on each other. Sets of 3 filters or 6 filters as well as individual filters are available.

OVERVIEW OF THE MODELS

MODEL NAME		EQUIVALENT ATTENUATION	TRANSMITTANCE AT 633 NM
SMI FILTERS	SM2 FILTERS		
ND0.5	ND0.5-FOCUS	(1/3.16)	~32%
ND1.0	ND1.0-FOCUS	(1/10)	~10%
ND2.0	ND2.0-FOCUS	(1/100)	~1%
ND3.0	ND3.0-FOCUS	(1/1000)	~0.1%
ND4.0	ND4.0-FOCUS	(1/10 000)	~0.01%
ND5.0	ND5.0-FOCUS	(1/100 000)	~0.001%
NDSET-6 (Set of 6 filters)			
NDSET-3 (Set of 3 filters: ND1, ND2, ND3)			

ND-H (ND filter holder)



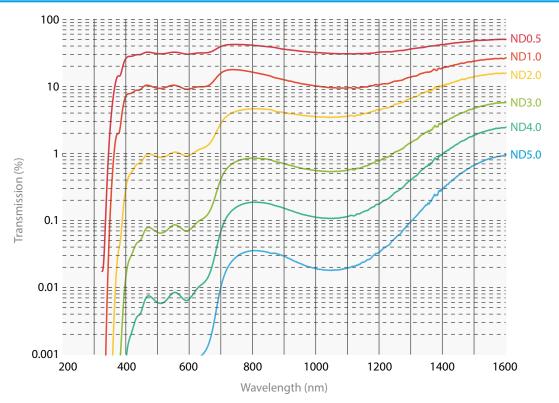


	ND0.5 TO ND5.0	
Spectral range	400 nm° - 1595 nm	
Filter diameter	25 mm Ø	
Clear aperture	22.5 mm Ø (90% of diameter)	
Dimensional tolerance	+0.0/-0.25 mm	
Optical density tolerance	± 5%	
Parallelism	< 10 arcsec	
Transmitted wavefront error	< λ/10 at 633 nm	
Surface flatness	< \/4	
Surface quality	40 - 20 Scratch-Dig	
Maximum power	1W	
Damage thresholds	100 W/cm ² or 3 J/cm ²	
Product page		

* Data specified at 633 nm

a. For ND4.0 filter, lower limit with other models.

SPECTRAL TRANSMISSION OF ALL FILTERS



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