

100mm Diameter Unmounted 0.04-3.0 OD, Circular Variable Neutral Density (ND) Filter



Mounted Circular Variable Neutral Density (ND) Filters



Stock **#43-769** 3-4 DAYS

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€411^{.00}

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Qty 1-10
€411,00
Qty 11+
€370,00
Volume Pricing
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

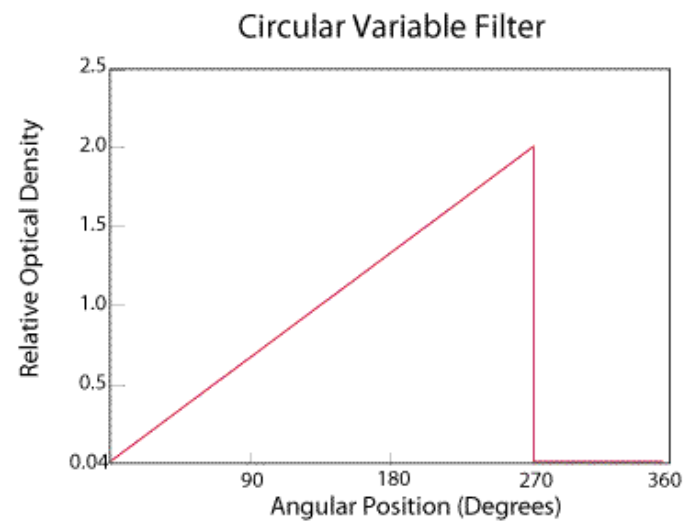
Neutral Density Filter		Type:
±5		Linearity (%):
Physical & Mechanical Properties		
25.4		Inner Diameter (mm):
100.0		Outer Diameter (mm):
1.52		Thickness (mm):
±0.25		Thickness Tolerance (mm):
±3		Parallelism (arcmin):
±0.10 ID, ±0.20 OD		Dimensional Tolerance (mm):
Optical Properties		
0.00		Angle of Incidence (°):
0.04 - 3.0		Optical Density OD (Average):
B270		Substrate: ☐
Variable		Coating:
60-40		Surface Quality:
400 - 700		Blocking Wavelength Range (nm):
±5		Optical Density Tolerance (%):
Continuously Variable Inconel from 0 - 270°		Coating Specification:
Threading & Mounting		
Unmounted		Mount:
Regulatory Compliance		
Compliant		Reach 181:
Compliant		RoHS 2015:
View		Certificate of Conformance:

PRODUCT DETAILS

- Continuously Variable Over 270°
- Spectrally Flat from 400-700nm
- Mounted and Unmounted Versions Available

Circular Variable Neutral Density (ND) Filters are continuously variable over 270° of the filter. These filters provide linear attenuation of incident light by rotating the filter. Designed to be spectrally flat from 400 to 700nm, they provide excellent attenuation for spectrometers and other optical instruments. Circular Variable Neutral Density (ND) Filters, with a durable anodized aluminum mount, have an indicator arrow that accurately identifies the angular position of the filter for increased repeatability. The 50mm OD filters are available mounted or unmounted. The 360° rotating mount comes complete with a 4" Length, 0.5" Diameter stainless steel post.

TECHNICAL INFORMATION



Optical Density	Unmounted			Mounted
	25.4mm Outer Diameter (OD) 7.5mm Inner Diameter (ID)	50.0mm Outer Diameter (OD) 7.5mm Inner Diameter (ID)	100.0mm Outer Diameter (OD) 25.4mm Inner Diameter (ID)	50.0mm Outer Diameter (OD) 7.5mm Inner Diameter (ID)
0.04-1.0	#43-759	#43-763	#43-767	#54-534
0.04-2.0	#43-760	#43-764	#43-768	#54-535
0.04-3.0	#43-761	#43-765	#43-769	#54-536
0.04-4.0	#43-762	#43-766	#43-770	#54-537