Mounted, Round Continuously Variable Metallic ND Filters										
Item #	Back Coating	Optical Density[a]	Mount Diameter	Mount Thickness	Unmounted Optic Specifications					
					A	B	C	D	E	F
NDC-25C-2M	Uncoated	0.04 - 2.0	33 mm	4 mm	Ø25 mm	Ø7.5 mm	Ø8 mm	Ø23 mm	270°	2 mm
NDC-25C-4M	Uncoated	0.04 - 4.0								
NDC-50C-2M	Uncoated	0.04 - 2.0	63.5 mm	5 mm	Ø50 mm	Ø7.5 mm	Ø8 mm	Ø48 mm	270°	2 mm
NDC-50C-2M-A	A Coated (350 - 700 nm)									
NDC-50C-2M-B	B Coated (650 - 1050 nm)									
NDC-50C-4M	Uncoated	0.04 - 4.0								
NDC-50C-4M-A	A Coated (350 - 700 nm)									
NDC-50C-4M-B	B Coated (650 - 1050 nm)									
NDC-100C-2M	Uncoated	0.04 - 2.0	114.3 mm	5 mm	Ø100 mm	Ø7.5 mm	Ø8 mm	Ø98 mm	270°	2 mm
NDC-100C-4M	Uncoated	0.04 - 4.0								

a. The optical density is specified at 633 nm.

Optical Density as a Function of Angle

The optical density is a linear function of the angle:

$OD = m\theta$

where OD is the optical density and θ is the angle in degrees. The value of m depends upon the optical density range of the particular ND filter:

- For filters with a OD range of 0.04 - 2.0, m = 0.00741.
- For filters with a OD range of 0.04 - 4.0, m = 0.0148.

This formula assumes 0° at the point where the coating begins and 270º at the end of the coating (i.e., the point of highest optical density).