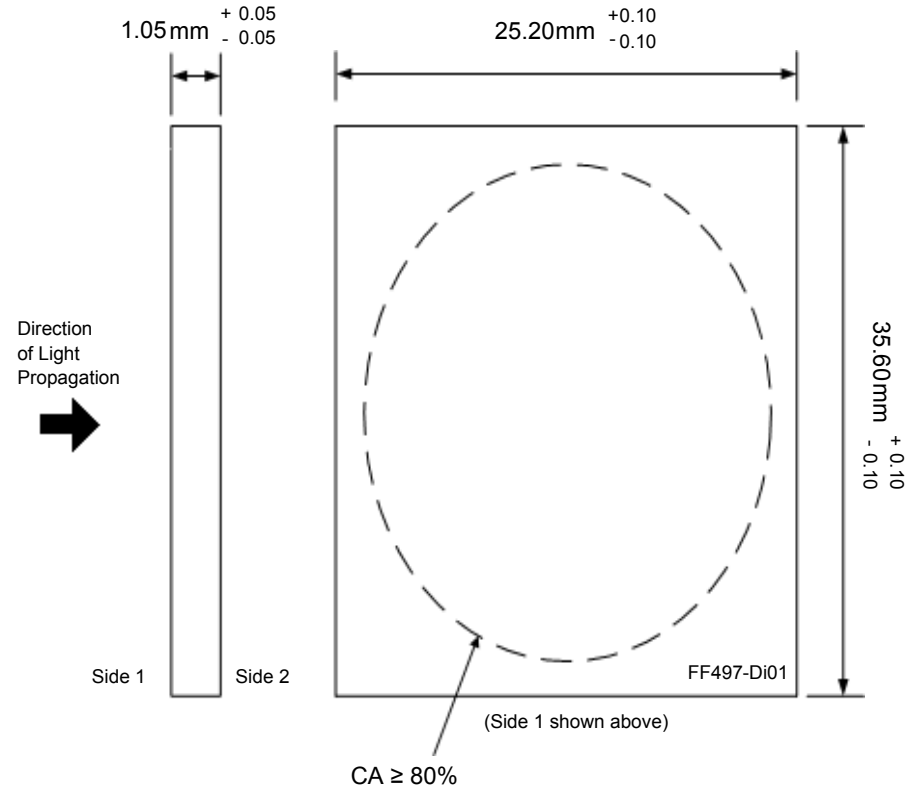


Transmission	T(avg) > 90% (505 - 800 nm)
Reflection	R(avg) > 90% (452 - 490 nm)
Polarization	Average
Angle of Incidence	0.0° (± 1.5°)
Cone Half Angle	0.0° (± 0.0°)
AR Coating	None
Filter Housing	Unhoused
Filter Dimensions	X: 25.20 mm (± 0.10 mm) Y: 35.60 mm (± 0.10 mm)
Clear Aperture (CA)	≥ 80%
Substrate Thickness	1.05 mm (± 0.05 mm)
Wedge	≤ 20 arcseconds
Flatness	No Specification
Substrate Material	Borofloat
Transmitted Wavefront Error	≤ 1 wave PV per inch @ 633 nm
Scratch / Dig	60/40
Bevel	≤ 0.3 mm @ 45° (as necessary)
Edge Chip	As per ANSI/OEOSC OP1.002-2009, American Standard
Filter Marking Text	FF497-Di01
Packaging	Filters will be individually packaged.
Package Labeling	Packaging will be labeled with Semrock logo, part number, revision, lot code, and work order number.
Special Requirements	None

Drawing below not to scale - for Reference Only



- Optical density specifications greater than 5.5 OD guaranteed by design.
- RoHS compliant
- Designed to meet or exceed the requirements for environmental and physical durability set forth in U.S. Military specifications MIL-STD-810F, MIL-C-48497A, MIL-C-675C, as well as the international standard ISO 9022-2

	Drawn By: A. Hill	Date: July 27, 2010	Scale: None	Page 1 of 1	
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			FF497-Di01-25x36		INIT
			497 nm BrightLine® Dichroic Beamsplitter, 25.2 x 35.6 mm		