



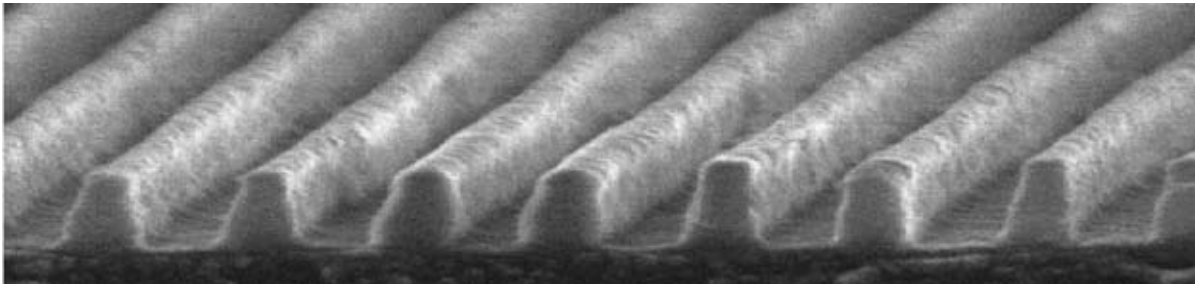
# ProFlux™ Ultra

## ProFlux™ Ultra Series Polarizers

The ProFlux™ Ultra Series polarizers offer exceptional contrast in the visible wavelengths compared to our PPL Series High Contrast and High Transmission polarizers. While keeping the transmission percentage the same as our PPL Series polarizers, the boundaries for contrast have been pushed out, creating the ProFlux™ Ultra Series. These polarizers feature:

- Extremely high contrast for both products
- Comparable transmission to the PPL Series products
- Broadband AR Coating for visible wavelengths

Designed and manufactured for visible wavelengths, the ProFlux™ Ultra polarizers will work in any optical system design.



### General Specifications:

Thickness:	0.7 mm $\pm$ 0.07
Broadband:	450 nm - 650 nm
Minimum Size:	Parts smaller than 30 x 30mm, VC0 is possible on ProFlux™ Ultra High Contrast polarizers
Maximum Size:	Parts greater than 30 x 30mm, VC2 is possible
Substrate:	Display Grade Glass, other specialized substrates available
AR Coatings Optional:	Inquire about specific coatings desired





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## ProFlux™ Ultra vs. PPL Series

			MIN Tp (%)			MAX Ts(%)			CR (Tp/Ts)		
		AOI	450	550	650	450	550	650	450	550	650
PPL04C	High Contrast	0	82.0	82.0	82.0	0.12	0.1	0.08	683	820	1025
PFU04C	ProFlux™ Ultra Contrast	0	82.0	82.0	82.0	0.020	0.018	0.015	4100	4556	5467
PPL05C	High Transmission	0	88.6	90.0	88.5	0.89	0.43	0.26	100	209	340
PFU05C	ProFlux™ Ultra Transmission	0	89.6	91.0	89.5	0.12	0.10	0.08	747	910	1119

## ProFlux™ Ultra vs. PPL Series Graph

