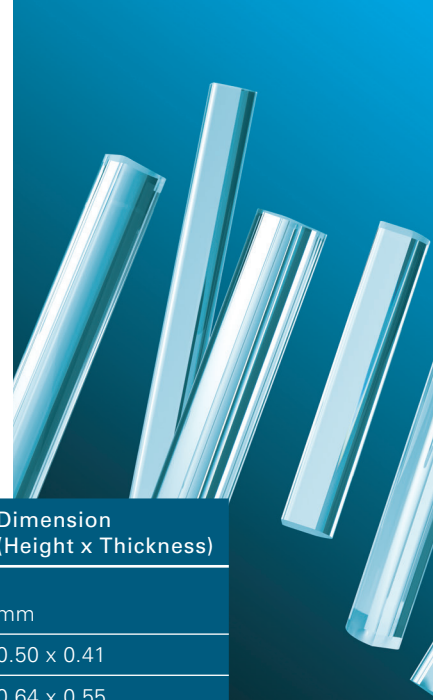


Fast Axis Collimator Lenses (FACs) for **BLUE** Applications

High NA FACs with high transmission in blue wavelength range thanks to high refractive index glass with low absorption.



	Wavelength Range	Numerical Aperture	Focal Length		Back Focal Length		Residual Divergence		Dimension (Height x Thickness)
	nm	–	EFL μm	@ nm	BFL μm	@ nm	mrad*	@ % power enclosure	mm
FAC 310	430–470	0.75	310	450	75	450	±2.25	85	0.50 x 0.41
FAC 380	430–470	0.75	380	450	75	450	±2.00	90	0.64 x 0.55
FAC 600	430–470	0.8	600	450	140	450	±1.85	95	1.00 x 0.83
FAC 1300	430–470	0.7	1325	450	450	450	±0.70	85	1.90 x 1.56
FAC 1700**	430–470	0.6	1650	450	1100	450	±0.75	85	2.63 x 1.24

* Measured at a different wavelength and NA 0.29, spec value calculated from this measurement.

** Design optimized for sources in TO package. BFL does not include 90 μm shift due to cover glass.