

50.0mm efl spherical singlet PCX

URL: <http://www.edmundoptics.com.sg/optics/optical-lenses/plano-convex-pcx-spherical-singlet-lenses/mgf2-coated-plano-convex-pcx-lenses/32478/>

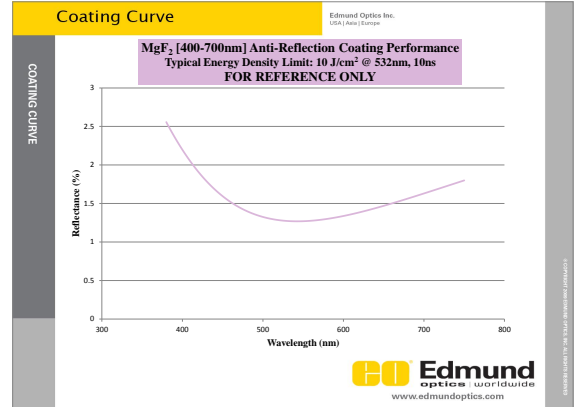
1 Brief description

PCX lens that are spherical singlets. 25mm diameter, fits in Thorlabs SM1 tubes. 50mm EFL at 587.6 nm

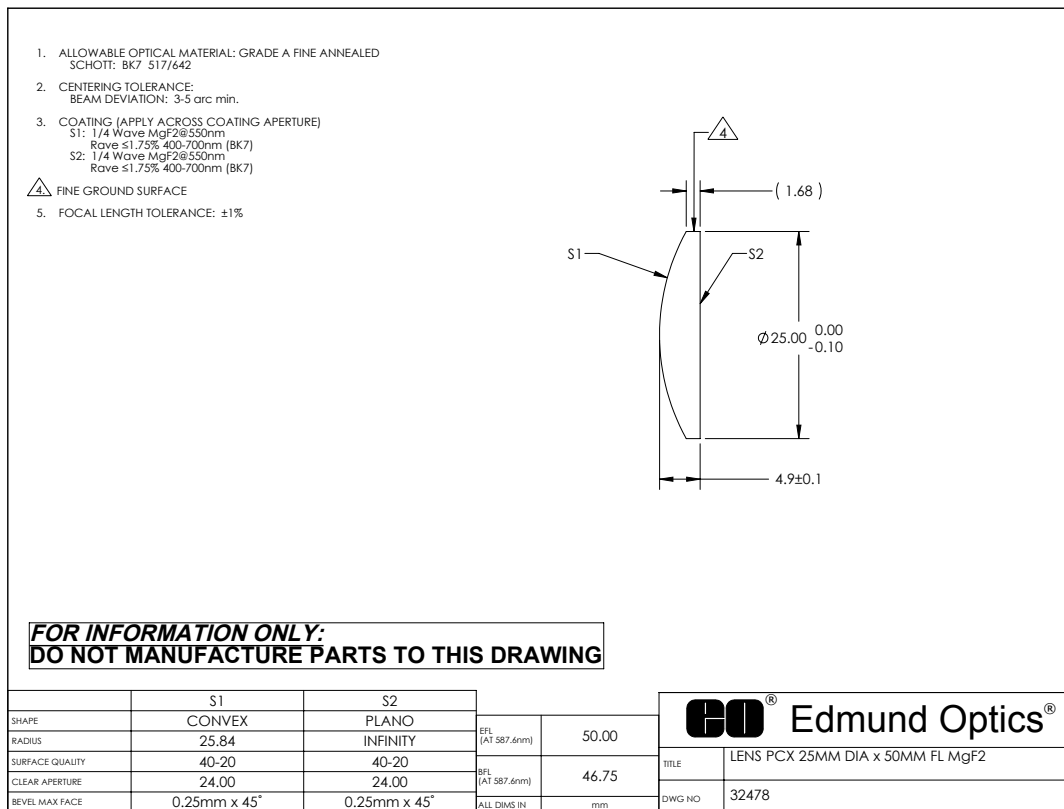
3 Data plots

2 Technical Specifications

Effective focal length	50.0mm
Back focal length	46.75mm
Wavelength region	VIS
Design wavelength	587.6nm
Substrate	N-BK7
Coating	MgF ₂
Coating Specification	$R_{avg} \leq 1.75\%$ nm
Numerical Aperture	0.25



Reflectance plot of MgF₂ AR coating



CAD drawing