Perkins Precision Developments (PPD) manufactures custom, high-precision prisms and prism assemblies of all shapes and sizes and in a variety of materials including fused silica, fused quartz, N-BK7, YAG, CaF<sub>2</sub>, ZnSe, SF11 and other high index glasses. Prisms are available uncoated or coated with our low-loss, high energy IBS thin film coatings for applications in the UV, visible and near-infrared (NIR). Typical coatings include anti-reflection (AR), high-reflector (HR), dichroic, beam splitter, polarizing, non-polarizing and protected metal designs.

Common types of thin film coated prisms that we produce for both laser and imaging applications include right angle turning prisms, risley prisms, equilateral dispersion prisms and penta prisms. Precision optical assemblies such as polarizing beam splitter cubes and custom, non-polarizing prism beam splitters are also an option.

Our technical sales team will work with you at the design and quotation phases to ensure the optimal balance of performance, manufacturability and cost. Please send us your requests for custom prisms, matched wedge pairs & other precision optical components.