



## **Our TT Range**

Manx Precision Optics. Ltd (MPO) produce high energy laser optics for original equipment manufacturers and government facilities worldwide. MPO's expertise in the high energy and ultrafast market enables the company to work closely with the Hilase Centre to achieve a new world record for average power output from a high energy laser:

<https://www.hilase.cz/en/a-new-world-record-for-bivoj-laser/>

MPO's range includes high energy optics capable of withstanding extremely high laser intensities including mirrors that easily survive  $10\text{Jcm}^2$  in 1ns with diameters from 5mm up to 500mm. MPO manufactures a range of low-dispersion optics perfectly suitable for ultrafast applications. These include our selection of coatings designed for tunable ti:sapphire (TT) lasers ranging from standard bandwidths of 750-850nm (TTS) to broader bandwidths 730-970nm (TTB) capable of achieving  $<100\text{fs}^2$  of group delay dispersion.