



DURALENS *Extra*[™]

Extended Life.
Improved Absorption.
Radioactive-Free.

Characteristics and Benefits

- Longer operational life expectancy
- Improved focus accuracy and stability
- Impressive absorption rate of <0.16%
- Radioactive-free coating*
- Suitable for high powered CO2 lasers
- Transparent for red laser pointer - Helium-Neon (HeNe) lasers
- Focusing lens made of high quality ZnSe substrate
- Superior cost/benefit ratio

*Thorium free

The **DURALENS** *Extra*[™] is a new and improved low absorption ZnSe lens for high-power CO2 lasers. A high performance ZnSe coating gives the **DURALENS** *Extra*[™] a longer life expectancy, as well as reduced thermal lensing, resulting in improved focus accuracy and stability.

With an impressive absorption percentage of <0.16%, compared to <0.22% for the original Duralens[™], this lens allows for maximum transmittance and minimum distortion.

Environmental regulations, in relation to the management of radioactive waste, create another challenge for the creation of high performance lens coatings. The **DURALENS** *Extra*[™] overcomes this challenge, due to the absence of radioactive Thorium in its coating.

These features, together with a superior cost/benefit ratio, make the DuralensExtra[™] an ideal solution for job shops worldwide.

About Ophir Laser optics

With vast knowledge and extensive experience accumulated over four decades, Ophir Laser Optics Group, an MKS (NASDAQ: MKSI) company, offers a full range of high quality OEM and replacement optics for high power 1µm fiber laser and CO2 laser applications. Used by leading laser manufacturers around the world, our products meet the highest industry standards and have been widely tested, with outstanding results. All manufacturing is carried out in-house using automated CNC, patented diamond turning technologies, and advanced, cutting-edge coating processes and measuring equipment. With a global distribution and support network, our commitment to our customers is unparalleled.

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