



Fixed focus lenses for close-up nuclear inspection

Manufactured

to the highest quality standards from cerium doped glass, **Resolve Optics Ltd** offer a range of **fixed focus radiation resistant lenses** that can withstand radiation exposure of up to 100 kGy (100,000,000 rads) and temperatures up to 55°C without discoloration.



Offering a focal length of 6mm

the **Model 214 non browning lens** delivers high quality images with minimal geometric distortion. The key features of the Model 214 are its 85-degree field-of-view and f/2 to f/16 variable iris control. Designed to provide uncompromised performance on 2/3-inch cameras - the 9 mm focal length **Model 286 non browning lens** delivers good image resolution and minimal geometric distortion from 400-750 nm. This durable lens has been specifically designed for radiation resistant tube and CMOS cameras and has an adjustable f/2 to f/16 iris.

Designed for use in low light areas

the **Model 313**, a 25mm fixed focus radiation resistant lens, has an aperture of f/1.4 to enable as much light as possible to be collected and is also equipped with an adjustable iris to reduce light intake when required. The Model 313 offers high image clarity in low light environments subject to radiation.

Starting from these proven fixed focus lens

designs – Resolve Optics is also to quickly design and produce **custom fixed focus radiation resistant lenses** fully optimised to produce the best results from your camera or sensor.



For further information

on fixed focus radiation resistant lenses please visit <https://www.resolveoptics.com/radiation-resistant-lenses-2/> or contact Resolve Optics on +44-1494-777100 / sales@resolveoptics.com.

Resolve Optics Ltd.

has developed a customer centric approach to specialist lens design, development, and supply. The team at Resolve Optics has considerable experience of working with leading companies in the nuclear industry to develop and supply lenses and optical systems for applications in hazardous or difficult to access environments. The company prides itself on nearly three decades of quickly translating each customer need into an optimised optical design, running projects successfully, and manufacturing production quantities of lenses or optical products on time, to the specified quality and target price.



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