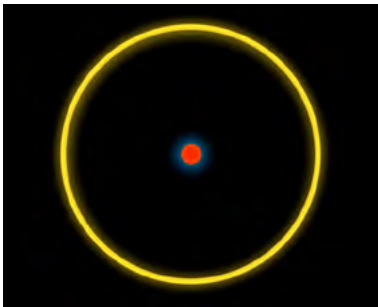


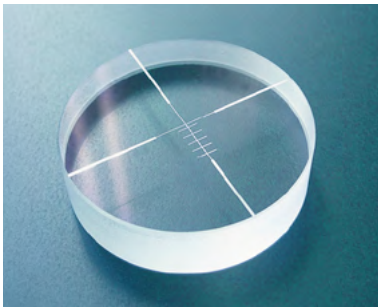
Reticles for high-end rifle scopes, range finders and periscopes

Super bright illumination is guaranteed for daylight hunting as for competition shooting. IMT diffractive grating reticles boost your scopes to brilliant aiming devices.

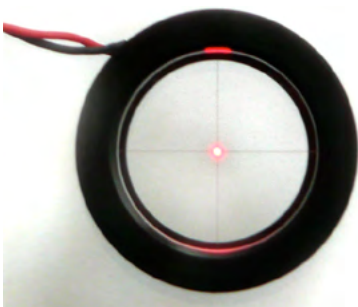




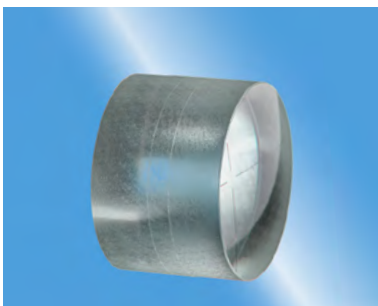
Dual pattern illuminated structures



Illuminated reticle



Subassembly with illuminated reticle



Reticle with optical assembly

Applications

- › Rifle Scopes
- › Range Finders
- › Sights, Night sights and Periscopes
- › Surveillance Instruments

Benefits

- › Superior reticle quality
- › 100% outgoing inspection
- › Constant quality at high volume production
- › More than 20 years experience in reticles
- › Illumination subassembly available

Technical Data

- › 3 μm feature size for diffractive technology
- › 6 μm feature size for Etch & Fill technology
- › High transmission AR coating
- › B270 or BK7 glass (or others)

Diffractive features

- › High sharpness and brightness
- › Homogeneous illumination
- › Precise light intensity adjustment
- › No light towards target for enhanced security
- › Single or multiple illuminated patterns
- › Single or multicolor dots
- › Invisible pattern when light switched off

Reticle Technologies

- › Classical reticles with chromium pattern
- › Etch & Fill technology
- › Diffractive technology (patented)

About IMT

- › Foundry for optical, electrical and micro-fluidic structures and components
- › Fast prototyping through in-house mask manufacture
- › Staff of 100 employees
- › 1300 m² clean room



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