



PRECISION ON GLASS

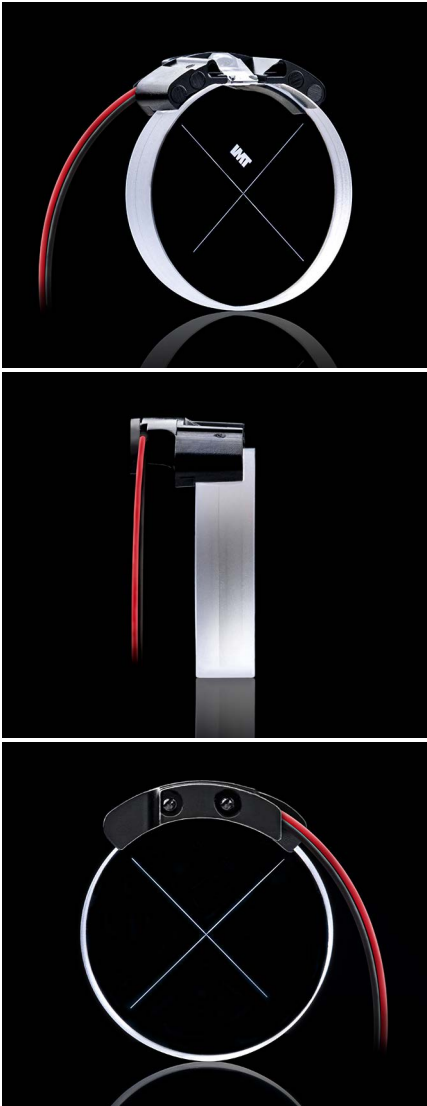
# IMT Power Light **protected**

The IMT Power Light sets a new standard for all sport optics rifle scope applications and offers the highest possible integration for your custom illumination and reticle structures. **The illumination and reticle structures are located inside the glass body for optimum protection.**

**NEW**  
Dust and scratch  
protected



- ✦ Less cleaning required
- ⊘ Scratch protected focal plane
- ⊞ Dig corrected focal plane



IMT Power Light assembly consist of reticle with glass body, illumination unit, cable and optional an electrical connector

## Applications

- Sport optics riflescope application in first and second focal plane

## Advantages

- Less cleaning required before assembly due to protected focal plane
- Scratch protected focal plane
- Dig corrected focal plane

## Features

- Outstanding brightness under extreme environmental conditions (desert, arctic, low sun level, etc.) with the diffractive illumination technology
- Comprehensive lighting range for all daytime conditions from dawn to midday to dusk thanks to the possibility of infinitely variable brightness adjustment
- Low power consumption
- Custom reticle layout with customized illumination pattern (dot, cross, ring, etc.)
- Platform ready to integrate
- Illuminated pattern manufactured using semiconductor technology

## Technical Data

- LED Operating wavelength: 633 nm (super red)
- Transmission (avg.): > 98.5% @ 415 nm – 685 nm
- Shock tested: 1000 G half sine

## Available sizes

	PL22p	PL25p
<b>Diameter (glass body)</b>	Ø 18.0 mm	Ø 20.0 mm
<b>Thickness (glass body)</b>	5.0 mm	5.0 mm
<b>Clear aperture</b>	17.0 mm	19.0 mm

## About IMT

- Foundry for optical, electrical and microfluidic structures and components

# IMT

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