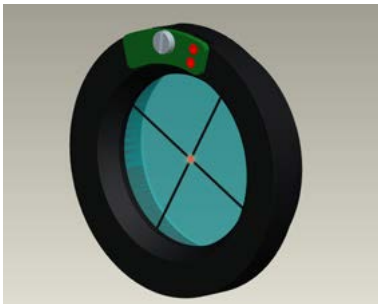


IMT Power Light 28

IMT is proud to offer this compact illumination device for a wide range of rifle scopes. The brightness speaks for itself. Brilliant sharpness, low power consumption, light is blocked towards the objective. The diffractive grating technology increases the day- and night-fire aiming accuracy.





Applications

- › Rifle scopes

Benefits

- › Compact device
- › Easy fitting assembly
- › Ideal for first and second focal plane
- › Light blocked towards objective

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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Technical Data

Housing

Material	AL Stanal – 32, EN AW-6023 or 6026
Surface quality	black anodized
Housing diameter	28.0 mm ± 0.1 mm
Centering accuracy	< Ø 100 µm
Total thickness	9.1 mm ± 0.1 mm
Thickness without PCB	7.0 mm ± 0.1 mm
Weight incl. reticle	7.4 g
Weight without reticle	4.1 g

Reticle

Reticle diameter	20.0 mm + 0 / -0.033 mm
Free optical aperture	18.0 mm ± 0.05 mm
Reticle thickness	4.0 mm ± 0.05 mm
Design	Free selectable
Material	Schott B270
Refractive index	1.52
Transmission (avg)	> 98.5 % at 415 nm – 685 nm
According to	MIL-SDT-750, MIL-PRF.13830B

Illumination

Operating wavelength	633 nm ± 5 nm (super-red)
Brightness levels	Free selectable
Power consumption	< 3 mA
Current compatibility	30 mA
Connectors	Solderpoints on PCB
Function of temperature range	-25° C to +80° C

Order Code

IMT-PowerLight 28	IMT-PowerLight 28
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Scope of delivery

Complete Illumination Device	Packed in Shells à 10 Pcs.
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