

Description

Beck Optronic Solutions offers a lightweight but rugged eyepiece, suitable for use in monocular or binocular systems. The module is well suited for weapon sights, thermal imagers, helmet/head mounted systems, medical, and training and simulation applications.



Specification

Operating waveband	450 nm to 650 nm
Object format and size	800 x 600 x 15 μ m, 12 mm x 9 mm
Field of view	35° +0.5/-0° on diagonal, 28° +0.5/-0° on width
Focal length (for reference only)	24.25 mm
Eye relief	\geq 26 mm
Eye box (at 20 mm eye relief)	\geq 10 mm
Transmission	\geq 90 % average over 450 nm to 650 nm
Image uniformity (vignetting)	\geq 50 % (for a centred pupil)
Distortion	\leq 4 %
Resolution	\geq 40 lp/mm
Dioptre adjustment	\geq +2D to -6D
Mass	40 g
Size	30 mm diameter, 30 mm long
Operating temperature range	-45°C to +55°C
Storage temperature range	-51°C to +65°C
Water resistance	IP67
Purging	Unpurged. Purge path to all internal cavities incorporated.

About Beck Optronic Solutions

Beck has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, Beck delivers complex, integrated electro-optic systems for defence and commercial use across the electromagnetic spectrum from UV to LWIR. **For pricing or further information please contact us at:**

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