Importadora Gyb Limitada
Padre orellana 1476
Santiago CL13101 Chile



Lente AR VR para medición de displays cercanos al ojo

Código: RVS-ARVR-LENS

Marca: Radiant Vision Systems

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Detalle

Lente para pruebas de displays cercanos al ojo

- Diseñada para medir displays en headsets de realidad virtual, mixta y aumentada como los ve el usuario.
- Se utiliza con sistemas ProMetric para evaluar luminancia, color, uniformidad y desempeño visual en configuraciones near-eye.
- Aplicable a módulos, visores y dispositivos AR/VR donde la geometría óptica del ojo es crítica.

Especificaciones técnicas

Parameter	AR/VR Lens	AR/VR Lens	AR/VR Lens	AR/VR Lens	AR/VR Lens	AR/VR Lens
Primary Application	Light and color measurement for near-eye displays (NED) in headsets	Light and color measurement for near-eye displays (NED) in headsets	Light and color measurement for near-eye displays (NED) in headsets	Light and color measurement for near-eye displays (NED) in headsets	Light and color measurement for near-eye displays (NED) in headsets	Light and color measurement for near-eye displays (NED) in headsets
Aperture	3.6 mm; Located at front of lens	3.6 mm; Located at front of lens	3.6 mm; Located at front of lens	3.6 mm; Located at front of lens	3.6 mm; Located at front of lens	3.6 mm; Located at front of lens
Focus	Manual	Manual	Manual	Manual	Manual	Manual
Focus Distance *	Range 0.25 m to infinity	Range 0.25 m to infinity	Range 0.25 m to infinity	Range 0.25 m to infinity	Range 0.25 m to infinity	Range 0.25 m to infinity
Luminance - Minimum	0.05 cd/m 2	0.05 cd/m 2	0.05 cd/m 2	0.05 cd/m 2	0.05 cd/m 2	0.05 cd/m 2
Luminance - Maximum **	10,000 cd/m 2 (Y-Series); 1,000,000 cd/m 2 (I-Series)	10,000 cd/m 2 (Y-Series); 1,000,000 cd/m 2 (I-Series)	10,000 cd/m 2 (Y-Series); 1,000,000 cd/m 2 (I-Series)	10,000 cd/m 2 (Y-Series); 1,000,000 cd/m 2 (I-Series)	10,000 cd/m 2 (Y-Series); 1,000,000 cd/m 2 (I-Series)	10,000 cd/m 2 (Y-Series); 1,000,000 cd/m 2 (I-Series)
Measurement Capabilities ***	Luminance, Radiance, CIE Chromaticity Coordinates, Correlated Color Temperature (CCT)	Luminance, Radiance, CIE Chromaticity Coordinates, Correlated Color Temperature (CCT)	Luminance, Radiance, CIE Chromaticity Coordinates, Correlated Color Temperature (CCT)	Luminance, Radiance, CIE Chromaticity Coordinates, Correlated Color Temperature (CCT)	Luminance, Radiance, CIE Chromaticity Coordinates, Correlated Color Temperature (CCT)	Luminance, Radiance, CIE Chromaticity Coordinates, Correlated Color Temperature (CCT)
Units ***	cd/m 2 , nit, W/sr/m 2 , foot-lambert, CIE (x, y) and (u', v'), Kelvin (CCT)	cd/m 2 , nit, W/sr/m 2 , foot-lambert, CIE (x, y) and (u', v'), Kelvin (CCT)	cd/m 2 , nit, W/sr/m 2 , foot-lambert, CIE (x, y) and (u', v'), Kelvin (CCT)	cd/m 2 , nit, W/sr/m 2 , foot-lambert, CIE (x, y) and (u', v'), Kelvin (CCT)	cd/m 2 , nit, W/sr/m 2 , foot-lambert, CIE (x, y) and (u', v'), Kelvin (CCT)	cd/m 2 , nit, W/sr/m 2 , foot-lambert, CIE (x, y) and (u', v'), Kelvin (CCT)
Paired with Camera	ProMetric I2	ProMetric I8	ProMetric I8	ProMetric I29	ProMetric Y45	ProMetric Y61, I61, I61-SC
Approximate Field of View **** (Horizontal)	30°	60°	60°	120°	88°	120°
Approximate Field of View **** (Vertical)	22°	45°	45°	80°	58°	80°
Resolución	0.018° / sensor pixel	0.018° / sensor pixel	0.018° / sensor pixel	0.018° / sensor pixel	0.011° / sensor pixel	0.013° / sensor pixel

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Aplicaciones

Seleccione esta familia según la geometría óptica: near-eye AR/VR, medición angular FPD, microscopía, enfoque electrónico XR o distribución NIR. Valide compatibilidad con ProMetric y distancia/campo de trabajo.

Cómo validar si sirve

Confirme muestra, campo de visión, distancia de trabajo, resolución, velocidad de medición, software requerido y condiciones de producción o laboratorio.

Recomendación

Solicite esta solución cuando esos criterios coincidan con la aplicación real y se requiera medición o inspección óptica con trazabilidad técnica.

Siguiente paso: ver producto en Cotecno | solicitar cotización