

Z-Lens

2D geometric waveguide coupled with a smaller projector and the ability to directly bond Rx lenses.



● PARAMETER	● SPEC	● COMMENT
Projector Source	LCoS	–
Field of View (Diagonal)	50°	–
Aspect Ratio	1:1	Based on LCoS – waveguide
Display Resolution	1024 x 1024 Pixels	resolution unlimited
Luminance Efficiency	>1,400 nits/WLED	–
Eye Box Size	11 x 11 mm	@ 18 mm eye relief
MTF @ 14.5 Cycles/Degree	>40%	Average of H & V
Sequential Contrast	>500	–
ANSI Contrast Avg.	>50	4 x 4 checkers
Focus to Infinity	± 0.15 D	–
Ghost Image	<1%	–
Color	Full Color	–
Transmittance	>80%	–
Waveguide Thickness	1.3 mm	–
Optical Engine Weight	12 grams	–
Projector Volume	1.7 cc	–
Operating Temperature	0° – 60° C	–
Storage Temperature	–40° – +85° C	–