

8A005 LENS SPECIFICATION

Item	Description	Design
DMD Specifications		
1	DMD type	0.23" 960x540
2	Pixel size	5.4um
3	Cover glass material, thickness	Corning Eagle XG, 1.1 mm
4	Gap between CG& active area	0.303 mm
Lens Specifications		
5	Offset	Max. 2.0412mm (140%)
6	Image circle	Max. Ø8.71mm
7	Throw Ratio	0.22@ 65inch
8	Zoom Ratio	Fix
9	Working F/#	1.8
10	Exit Pupil Position	640mm
11	Focus Range	50" ~ 90"
12	Back focal length	3.5(Air)+2(B270)+1.45(Air)+10.8(H-QF3) +0.297(Air)+1.1(Eagle XG)+0.303(Air)
Design Performance (65inch)		
13	Wavelength weighting	450nm: 540nm : 630nm= 1: 2 : 2
14	MTF @ 93lp/mm	W >56% , R >58% , G >54% , B >44%
15	Relative Illumination	> 60%
16	TV Distortion	V -0.112% ; H -0.066%
17	Lateral color	R/G < 0.38pixel ; G/B < 0.28pixel ; R/B < 0.37pixel

