



# 3.5X Fisheye Conversion Lens

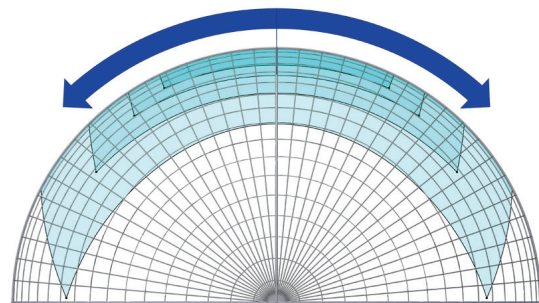


Throw Ratio to Projected Angle Conversion Chart					
Prime Lens Throw	New H°	4:3 V°	16:10V°	16:9V°	2K & 4K 17:9V°
1.30:1	199°	125°	102°	90°	84°
1.35:1	180°	120°	97°	86°	80°
1.40:1	167°	115°	93°	83°	77°
1.44:1	160°	112°	91°	81°	75°
1.50:1	149°	107°	86°	77°	72°
1.60:1	137°	99°	80°	72°	67°
1.70:1	128°	92°	75°	68°	63°
1.80:1	120°	87°	71°	64°	60°
1.90:1	113°	82°	67°	60°	57°
2.00:1	106°	77°	64°	57°	54°
2.10:1	101°	73°	61°	55°	51°
2.25:1	93°	68°	57°	51°	48°
2.50:1	83°	61°	51°	46°	43°
2.75:1	75°	56°	46°	41°	38°
3.00:1	68°	51°	42°	37°	35°
3.50:1	58°	44°	35°	31°	29°
4.00:1	51°	38°	30°	25°	24°

Projection Angle Chart for Dome Lens					
Projector Examples	Panel	Aspect Ratio	Prime Lens Throw Ratio	Throw Angles	
				Short	Long
JVC	0.70" D-ILA	16:9 HD	1.38 - 2.79:1	172° x 85°	74° x 40°
Panasonic	0.67" DLP	16:10 HD	1.46 - 2.94:1	156° x 89°	70° x 42°
Canon	0.71" LCoS	16:10	1.49 - 2.24:1	151° x 87°	93° x 56°
Sony	0.74" SXRD	17:9	1.38 - 2.82:1	172° x 79°	73° x 37°
Optoma	0.66" DLP	16:9 HD	1.39 - 2.22:1	170° x 84°	94° x 51°

\* This lens is designed to work with 0.70" panel projectors with prime zooms that have a focal length of 19-40mm. Lens may work with other panel sizes and other focal length prime lenses. Will require user testing. Call for additional information and quote.

### Active Image on Screen



Lens Specifications
Image Circle: 40 mm
Max FOV: 200°
F/#: F/2.5
F-Theta Distortion: < -23% Max
Focus Range: 1500 mm - ∞
MTF Center: 55% @ 73lp/mm
MTF Edge: 10% @ 50lp/mm
F-Theta Distortion: < -9.0% Max
Transmittance: 89.8% Axis
Relative Illumination: 80.5% Horizontal Field
Relative Illumination: 89.6% Trans. related
Relative Illumination: 65.9% Dist. related
Back Focus: TI 4K DLP

### Line Drawing

