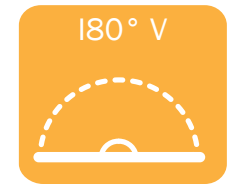


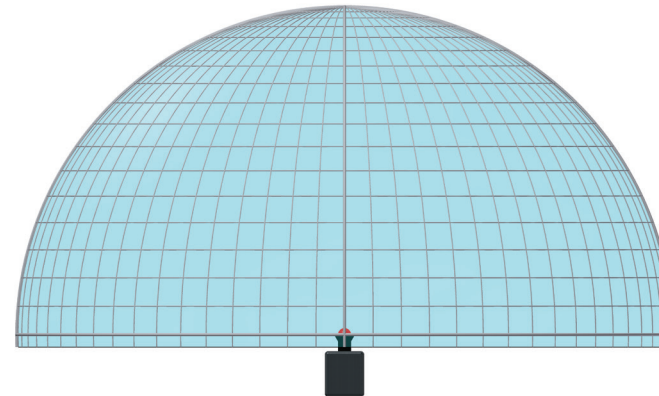


HemiStar® HS34 Fisheye Lens



Projection Angle Chart for Dome Lens															
Projection Panels	Resolution			Panel Size (mm)			Projected Pixels				Projection Angles		Shift		
	Horizontal	Vertical	Pixel Pitch	Horizontal	Vertical	Diagonal	Horizontal	Vertical	@180°	Mpixels	Horizontal	Vertical	Horizontal	Vertical	V Angle
0.8" Single-Chip DLP	1920	1200	7.56 μm	14.515	9.072	17.117	1200	1200	1176	1.13	184.7°	184.7°	0%	0%	0.0°

Lens Specifications	
Image F/#:	F/2.5
Focal Length:	3.4mm
Image Field Diagonal:	10.8mm
Dome Screen Distance:	600mm-Inf
Resolution:	1200 x 1200
MTF:	>60% @ 66 lp/mm across the field
Lateral Color R-G:	≤ 4μm
Lateral Color B-G:	≤ 2μm
F-Theta Distortion:	-6.80% Max
Transmittance at 450-630nm:	81-89%
Relative Illumination:	>95%



Active Image on Screen

HS34 Model Numbers	
Model	Projector Brand
1-101642	Barco i600
1-101643	Christie Jazz Series
1-101661	Panasonic PT-REQ and PT-REZ Series
TBD	Digital Projection (coming soon)

HemiStar[®] HS34 Lens

