



HemiStar HM4K-178 Lens

High Lumen



Projection Angle Chart for Dome Lens

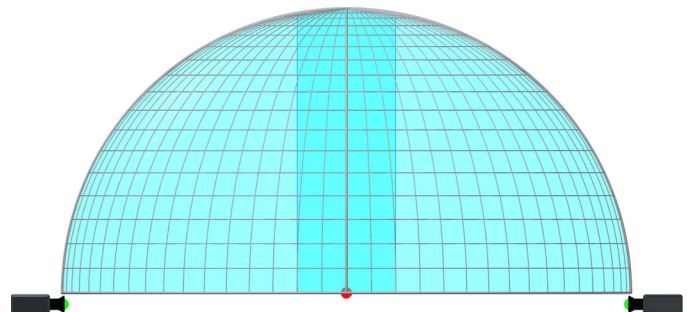
Projection Panels	Resolution			Panel Size (mm)			Projected Pixels			Projection Angles				Shift		
	Horizontal	Vertical	Pixel Pitch	Horizontal	Vertical	Diagonal	Horizontal	Vertical	Mpixels	Horizontal	Vertical	Diagonal	TR Equiv	Horizontal	Vertical	V Angle
1.38" 4K DLP	4096	2160	7.56 µm	30.966	16.330	35.008	4096	2160	8.85	105.4°	53.1°	120.8°	0.38:1	13%	70%	42.5°

HM4K-178 Model Numbers

Model	Projector Brand
I-00090	Panasonic
I-29788	Barco
I-29789	Christie
I-29790	DP insight
I-29791	Christie Boxer
I-29792	NEC/Sharp

Note: Part numbers vary depending on projector manufacturer and model.
Call for a Quote.

Active Image on Screen



Lens Specifications

Focal Length:	17.8 mm
Image Circle:	39.25 mm
Max Half-Angle:	69°
F/#:	F/2.6
Focus Range:	4 m - ∞
MTF Center:	80% @ 66 lp/mm
MTF Edge:	50% @ 66 lp/mm
Lateral Color R-G:	< 1.5 µm
Lateral Color B-G:	< 3.2 µm
F-Theta Distortion:	8% Max
Relative Illumination:	>98%
Back Focus:	T1 4K DLP

Line Drawing

