



HemiStar HM4K-96 Lens



Projection Angle Chart for Dome Lens

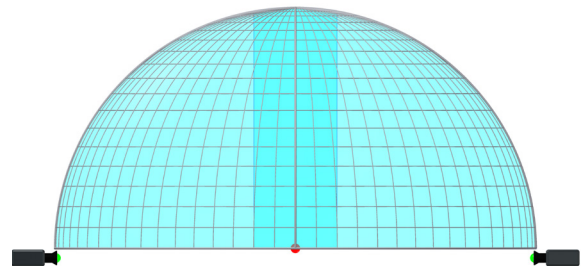
| Projection Panels | Resolution | | | Panel Size (mm) | | | Projected Pixels | | | Projection Angles | | | | Shift | | |
|--------------------------|------------|----------|--------------|-----------------|----------|----------|------------------|----------|---------|-------------------|----------|----------|----------|------------|----------|---------|
| | Horizontal | Vertical | Pixel Pitch | Horizontal | Vertical | Diagonal | Horizontal | Vertical | Mpixels | Horizontal | Vertical | Diagonal | TR Equiv | Horizontal | Vertical | V Angle |
| Sony 0.74" 4K GTZ Series | 4096 | 2160 | 4.05 μ m | 16.859 | 8.748 | 18.754 | 4096 | 2160 | 8.85 | 105.1° | 53.0° | 120.9° | 0.38:1 | 8% | 61% | 36.5° |

HM4K-96 Model Numbers

| Model | Projector Brand |
|----------|---------------------|
| I-100515 | SONY GTZ380 |
| I-26906 | SONY GTZ270, GTZ280 |

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

Active Image on Screen



Lens Specifications

| | |
|---------------------|-----------------|
| Focal Length: | 9.6 mm |
| Image Circle: | 19.4 mm |
| Max Half-Angle: | 62.96° |
| F/#: | F/2.4 |
| Focus Range: | 2 m - ∞ |
| MTF Center: | 65% @ 125 lp/mm |
| MTF Edge: | 63% @ 125 lp/mm |
| Lateral Color R-G: | < 0.7 μ m |
| Lateral Color B-G: | < 1.0 μ m |
| F-Theta Distortion: | 8.1% Max |
| Max Lumens: | 10 |
| Back Focus: | 4K SXRD |

Line Drawing

