

**(Americas)**

# Solstice™ Specification

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Confidential



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# Solstice™ Essen

Mocomtech Co., Ltd

- ▶ Optical Front Projection Screen for 2D/HD/3D
- ▶ Gain : 18
- ▶ Shape : Concave. Lens-like Curvature
- ▶ Surface Material :
  - Nano-level diffusion lines of less than 10micron,
  - Aluminum particles of 5 micron and silicon-coated surface
- ▶ Aspect Ratio : 16:9
- ▶ Frame : Black silicon plastic (EPDM)
- ▶ Reflective. Very high polarization (for passive 3D)
  
- ▶ Superior off-axis light rejection properties:
  - magnifies projector's light and rejects ambient light
- ▶ High Brightness Uniformity : over 80%
- ▶ Excellent color rendition
- ▶ HD/UHD resolution
- ▶ Outstanding 3D imaging and image depth
  
- ▶ Award winning projection technology (CES Innovation)
- ▶ Patent in USA, UK, S.Korea, Japan, China, India, and other countries



## Specification for SOLSTICE Series (Ultra High-Gain - 18Gain, Concave-Shaped, Fixed)

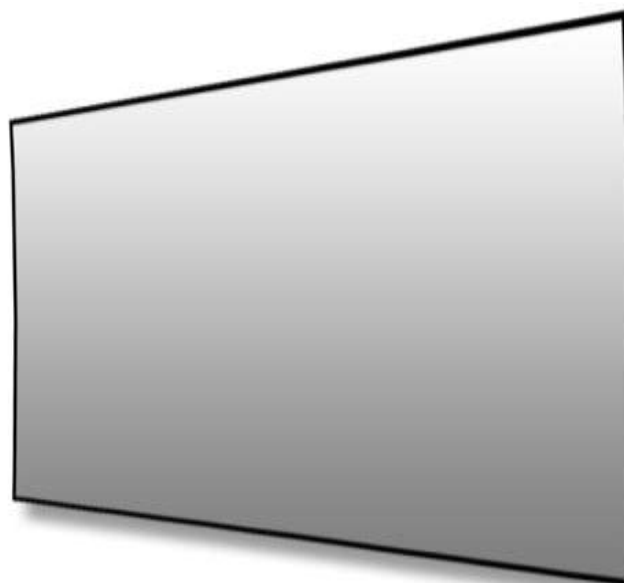
Product	Model	Aspect Ratio	Image size(inch)			Overall Size(inch)				Gain	Weight (Lbs.)	Curvature (ft.)	Seam	Frame	Frame width (inch)
			W	H	Diag.	W	H	D	Diag.						
"Essen"	<b>S3D-82</b>	16:9	69.7	39.0	79.8	71.5	40.8	4.72	82.3	18	26.5	24.3	x	EPDM	Standard - 0.89"

	Model	Width (Bottom)	Width (Top)	Height (Lowest)	Height (highest)	Depth	weight (Lbs)
Floor Stand	OS-1	30.5	46.9	53.4	69.3	20	31
Accessories	Model	width	base plate	Depth	No. of angle adjustor		weight (Lbs)
Wall bracket (Hanger)	OW-1	47.2	1.5x5.9	2.9	1		10

# Solstice™ Origin

Mocomtech Co., Ltd

- ▶ Optical Front Projection Screen for 2D/HD/3D
- ▶ Gain : 18
- ▶ Shape : Concave. Lens-like Curvature
- ▶ Surface Material :
  - Nano-level diffusion lines of less than 10micron,
  - Aluminum particles of 5 micron and silicon-coated surface
- ▶ Aspect Ratio : 4:3 / 16:9
- ▶ Frame : Black EPDM ( up to MDW-135), Steel ( Over MDW-155)
- ▶ Reflective. Very high polarization (for passive 3D)
  
- ▶ Superior off-axis light rejection properties:
  - magnifies projector's light and rejects ambient light
- ▶ High Brightness Uniformity : over 80%
- ▶ Excellent color rendition
- ▶ HD/UHD resolution
- ▶ Outstanding 3D imaging and image depth
  
- ▶ Award winning projection technology (CES Innovation)
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- ▶ MDW-xxx Model for 0.89" frame width
- ▶ MDW-xxxS Model for 0.43" frame width

## Specification for SOLSTICE Series (Ultra High-Gain - 18Gain, Concave-Shaped, Fixed)

Product	Model	Aspect Ratio	Image size(inch)			Overall Size(inch)				Gain	Weight (Lbs.)	Curvature (ft.)	Seam	Frame	Frame width
			w	H	Diag.	W	H	D	Diag.						
"Origin"	MDW-105	16:9	88.2	49.6	101.2	90.0	51.4	6.3	103.6	18	49	30	x	EPDM	Standard (0.89")
	MDW-105S	16:9	88.2	49.6	101.2	89.1	50.5	6.3	102.4	18	49	30	x		slim(0.433")
	MDW-125	16:9	102.6	57.3	117.5	104.3	59.1	7.2	119.9	18	64	30	x		Standard (0.89")
	MDW-125S	16:9	102.6	57.3	117.5	103.4	58.2	7.2	118.7	18	64	30	x		slim(0.433")
	MDW-135	16:9	109.8	61.8	126.0	111.6	63.6	7.5	128.5	18	75	39	x		Standard (0.89")
	MDW-135S	16:9	109.8	61.8	126.0	110.7	62.7	7.5	127.2	18	75	39	x		slim(0.433")
	MDW-155	16:9	129.7	72.8	148.8	131.7	74.8	7.5	151.5	18	143	53	1	STEEL	
	MDW-175	16:9	146.0	82.3	167.6	148.0	84.3	8.7	170.3	18	238	53	1		
	MDW-200	16:9	158.3	91.3	182.7	164.2	93.3	9.5	188.8	18	274	53	1		
	MDW-220	16:9	177.0	99.6	203.1	178.9	101.6	11.8	205.8	18	320	53	1		
MDW-250	16:9	210.0	118.1	240.9	212.0	120.1	11.8	243.6	18	353	53	1			

Accessories	Model	Applicable models	Width (Bottom)	Width (Top)	Height (highest)	Depth	weight(Lbs)
Floor Stand	OS-2	MDW-105/105S	55.1	66.9	76.97	23.6	40
	OS-3	MDW-125/125S	55.1	66.9	76.97	23.6	40
	OS-4	MDW-135/135S	63.0	78.7	93.11	33.5	51

Accessories	Model	Applicable models	width	base plate	Depth	no of angle adjustor	weight (Lbs)
Wall bracket (Hanger)	OW-2	MDW-105/105S	65.75	1.5x5.9	2.87	2	12
	OW-3	MDW-125/125S, MDW-135/135S	78.74	1.5x5.9	2.87	2	13.7

# Solstice™ Deluxe

Mocomtech Co., Ltd

- ▶ Optical Front Projection Screen for 2D/HD/3D
- ▶ Gain : 18
- ▶ Shape : Concave. Lens-like Curvature
- ▶ Surface Material :  
Nano-level diffusion lines of less than 10micron,  
Aluminum particles of 5 micron and silicon-coated surface
- ▶ Aspect Ratio : 16:9
- ▶ **Frame : Black velvet surfaced Aluminum frame**
- ▶ Reflective. Very high polarization (for passive 3D)
  
- ▶ Superior off-axis light rejection properties:  
magnifies projector's light and rejects ambient light
- ▶ High Brightness Uniformity : over 80%
- ▶ Excellent color rendition
- ▶ HD/UHD resolution
- ▶ Outstanding 3D imaging and image depth
  
- ▶ Award winning projection technology (CES Innovation)
- ▶ Patent in USA, UK, S.Korea, Japan, China, India, and other countries



- ▶ **DHS-xxx Model for Standard back panel**
- ▶ **DHS-xxxN Model for thinner back panel**

## Specification for SOLSTICE Series (Ultra High-Gain - 18Gain, Concave-Shaped, Fixed)

Product	Model	Aspect Ratio	Image size(inch)			Overall Size(inch)				Gain	Weight (Lbs)	Curvature (ft.)	Seam	Frame
			w	H	Diag.	W	H	D	Diag.					
"Deluxe "	DHS-105	16:9	88.2	49.6	101.2	92.1	53.5	6.3	106.6	18	85.3	29.53	x	Velvet on AL
	DHS-125	16:9	102.6	57.3	117.5	106.5	61.2	7.2	122.8	18	110.0	29.53	x	
	DHS-135	16:9	109.8	61.8	126.0	113.8	65.8	7.5	131.4	18	126.0	39.37	x	
"Deluxe -N"	DHS-105N	16:9	87.8	49.4	100.7	92.1	53.7	3.2	106.6	18	55.0	29.53	x	
	DHS-125N	16:9	102.4	57.2	117.3	106.7	61.6	3.5	123.2	18	71.0	29.53	x	
	DHS-135N	16:9	109.5	61.6	125.6	113.8	65.9	3.5	131.5	18	82.0	39.37	x	

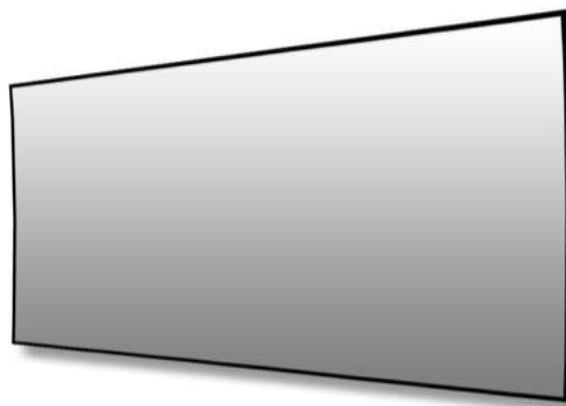
Accessories	Model	Applicable models	Width (Bottom)	Width (Top)	Height (Lowest)	Height (highest)	Depth	weight (Lbs)
Floor Stand	OS-2	DHS-105	55.1	66.9	56.7	77.0	23.62	40
	OS-3	DHS-125	55.1	66.9	56.7	77.0	23.62	40
	OS-4	DHS-135	63.0	78.7	67.7	93.1	33.46	51

Accessories	Model	Applicable models	width	base plate	Depth	no of angle adjustor	weight (Lbs)
Wall bracket (Hanger)	OW-2	DHS-105	65.75	1.5x5.9	2.87	2	12
	OW-3	DHS-125 DHS-135	78.74	1.5x5.9	2.87	2	13.7
W.B for DHS-N	W.B(N)	DHS-xxxN series					5.5

# Solstice™ Cinematix

Mocomtech Co., Ltd

- ▶ Optical Front Projection Screen for 2D/HD/3D
- ▶ Gain : 18
- ▶ Shape : Concave. Lens-like Curvature
- ▶ Surface Material :  
Nano-level diffusion lines of less than 10micron,  
Aluminum particles of 5 micron and silicon-coated surface
- ▶ Aspect Ratio : 2.35 : 1
- ▶ **Frame : Steel**
- ▶ Reflective. Very high polarization (for passive 3D)
  
- ▶ Superior off-axis light rejection properties:  
magnifies projector's light and rejects ambient light
- ▶ High Brightness Uniformity : over 80%
- ▶ Excellent color rendition
- ▶ HD/UHD resolution
- ▶ Outstanding 3D imaging and image depth
  
- ▶ Award winning projection technology (CES Innovation)
- ▶ Patent in USA, UK, S.Korea, Japan, China, India, and other countries



## Specification for SOLSTICE Series (Ultra High-Gain - 18Gain, Concave-Shaped, Fixed)

Product	Model	Ratio	Image size(inch)			Overall Size(inch)				Gain	Gross Weight	Curvature	Seam	Frame
			w	H	Diag.	W	H	D	Diag.		Incl.carton (Lbs)	(Ft.)		
Cinematix	MTS-100	2.35:1	90.2	38.4	98.0	92.1	40.4	6.3	100.6	18	70.5	29.5	X	Steel frame
	MTS-120	2.35:1	108.9	46.3	118.3	110.8	48.3	7.9	120.9	18	99.2	39.4	X	
	MTS-135	2.35:1	122.2	52.0	132.8	124.2	54.0	7.9	135.4	18	125.7	52.5	X	
	MTS-160	2.35:1	145.3	61.6	157.8	147.2	63.6	9.1	160.4	18	178.6	52.5	X	
	MTS-178	2.35:1	161.0	68.5	175.0	163.0	70.5	9.4	177.5	18	205.0	52.5	1	
	MTS-193	2.35:1	177.2	75.4	192.5	179.1	77.4	11.8	195.1	18	242.5	52.5	1	
	MTS-230	2.35:1	211.6	90.0	230.0	213.6	92.0	11.8	232.6	18	273.4	52.5	1	