



Product Overview — Technology and Specifications

Screen Type: Rigid Acrylic for Front & Rear Projection

Technology: Embedded Optics (EOT): EOT is an innovative screen technology utilizing embedded optics capabilities for collecting and directing projected light to produce vivid images in uncontrolled indoor lighting conditions. There are no fragile coatings, surface lens, laments or multiple structures, as found in other screen technologies, resulting in very durable lightweight and user friendly display products. EOT technology enables maximum uniform screen brightness and contrast performance without hot spots or image washout due to ambient light and allows screens to be displayed at the most optimum location.

Product Characteristics

HoloLite [®]	Maximum Brightness for REAR Projection
HoloGrey [®]	Balanced Brightness & Contrast for REAR Projection
HoloDark [®]	Maximum Contrast for REAR Projection
HoloMirage [®]	See Through Imaging for REAR Projection
HoloVega [®]	Balanced Brightness & Contrast for FRONT Projection

Capability: HoloLite, HoloGrey, HoloDark, HoloMirage and HoloVega projection screens delivery strikingly bright, high quality images in all indoor lighting environments. All are extremely high performance display platforms that are low maintenance and affordable.

Lighting: All have unsurpassed ambient light rejection capability that present eye-catching images regardless of the indoor lighting conditions. No need to turn out or turn down the lights or put it the image in a box.

Presentation: All can be freely suspended in mid air to create “floating images” which instantly attract attention and can be easily positioned at high traffic locations. Screens can be cut into shapes (circles, ovals, and silhouettes) or curved and formed to make uniquely interesting displays with a lot of WOW factor.

Compatibility: All are compatible with single lens projectors. HoloDark is also compatible for 3D projection. All can be used in or around water displays and all can be cleaned with mild soap and water

Quality: ISO 90002 Quality Certified - USA manufactured and inventoried.

Accessories: Screen hanging kits, frames, and stand alone displays are available or can be fabricated to meet your design concepts.

Availability: All standard products are stocked and can ship within 3 business days.

Sizes: Screens can be cut to any size or shape (ovals, circles, silhouettes, etc.) within each maximum sheet size dimensions below and can be curved, flexed or formed without loss of optical performance.

Product Overview - Sizes and Specifications

HoloLite® - HoloGrey® - HoloDark® - HoloMirage® - HoloVega®

STD SIZES (4:3 format)	DIMENSIONS (inches)	STD SIZE (16:9 format)	DIMENSIONS (inches)
30" Diagonal	18" x 24"	40" Diagonal	20" x 35"
40" Diagonal	24" x 32"	50" Diagonal	25" x 44"
50" Diagonal	30" x 40"	60" Diagonal	29" x 52"
60" Diagonal	36" x 48"	70" Diagonal	34" x 61"
67" Diagonal	40.25" x 53.50"	80" Diagonal	39" x 70"
72" Diagonal	43.25" x 57.50"	90" Diagonal	44" x 78"
84" Diagonal	50.50" x 67.25"	100" Diagonal	49" x 87"
90" Diagonal	54" x 72"	110" Diagonal	54" x 96"
100" Diagonal	60" x 80"	120" Diagonal	59" x 105"
110" Diagonal	66" x 88"	130" Diagonal	64" x 113"
120" Diagonal	72" x 96"	140" Diagonal	69" x 122"
125" Diagonal	75" x 100"	150" Diagonal	74" x 131"
130" Diagonal	78" x 104"	160" Diagonal	78" x 139"

Note: See Max Sheet Size below for HoloLite, HoloMirage and HoloVega screens.

Maximum screen size for HoloLite, HoloGrey and HoloDark 78"x139"

Maximum screen size for HoloMirage is 78"x118"

Maximum screen size for HoloVega is 72"x101"

SPECIFICATIONS:	HoloLite	HoloGrey	HoloDark	HoloMirage	HoloVega
Peak Gain	7 +/- .5	5 +/- .5	3.5 +/- .5	3.5 +/- .5	4.8
Half Gain (vert)	40 degrees	same	same	same	same
Half Gain (horz.)	40 degrees	same	same	same	same
Viewing Angle (vert)	180 degrees	same	same	same	same
Viewing Angle (horz)	180 degrees	same	same	same	same
Viewing Angle (horz)	81%	60%	37%	n/a	n/a
Transparency	n/a	n/a	n/a	80%	n/a
Contrast Ratio	low	medium	high	low	
Resolution	All - No limit – projector & media content dependent				
Material	Acrylic	same	same	same	same
Material	1/8"	same	same	same	same
Max. Sheet Size	78"x139"	78"x139"	78"x139"	78"x118"	74"x101"
Weight	1 lb/sq ft	same	same	same	same
Surfaces	Anti glare/reflective matt surface with no surface films, laminates or coating - all optical properties are embedded.				
Cleaning	All - Dust with clean soft brush or use clean light solution of soap and water - rinse off & dry with soft lint free cloth.				
Handling	All - Recommend using clean cotton gloves.				
Storage	All - Keep screens in cool and dry place.				
Safety	All - Fire index: UL94, test norm HB				
Warranty	All - 2 years under normal operating & environmental conditions - life expectancy is beyond 10 years.				