Holoflex

Create stunning, immersive visual experiences.

iDISPLAY

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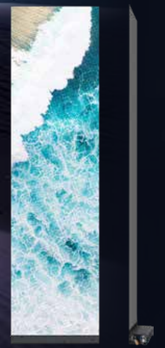
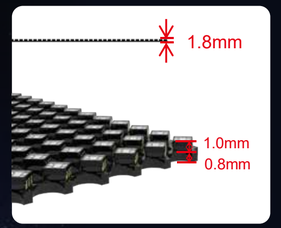
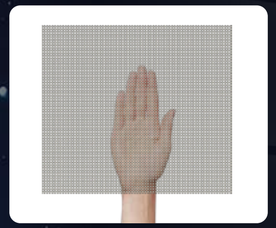




Ultra-thin
Screen thickness: 1.8mm

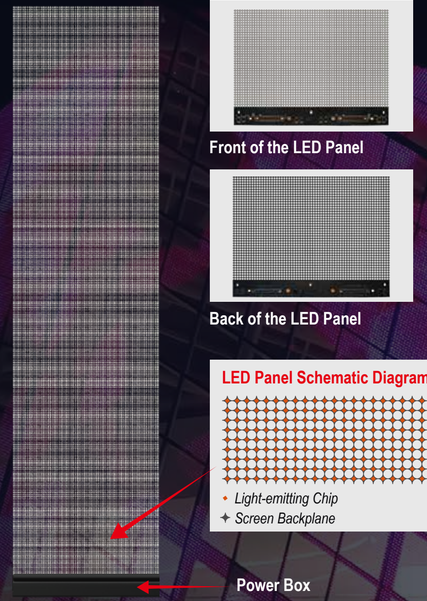
only 0.5kg per module
using a 1025x250 module as an example.



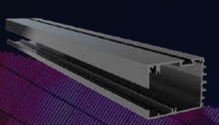
Ultra-transparent
Transparency up to 90%

Soft and Flexible
Suitable for any curved surface

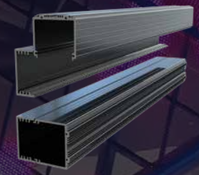
Product Screen Structure



Power box size



HF1.0 Size (Integrated Structure)



HF2.0 Size (Flip design for easy maintenance)

Description

The Holoflex features a frameless design with a PCB board and hollow mesh circuit. Ultra-light and ultra-thin, with a thickness under 2mm, it can be bent or cut and seamlessly integrated into transparent glass. Powered by a self-developed IC, it delivers exceptional driving power and over 80% transparency, crafted with high-quality materials and advanced craftsmanship.

High-Quality Image

- Equidistant Pixel Layout for clearer visuals.
- Integrated LED Driver with Static Scanning for more stable images.
- 16-bit Grayscale for finer and more detailed colors.

High Brightness
High Contrast

Ultra-highbrightness
6000cd/m²

High contrast
9000:1

Multiple Installation Methods

Surface Mounting

Hanging Installation

Floor stand

Model	HF-P2.9-1025	HF-P2.9-1200	HF-P2.9-1500	HF-P3.91-1025	HF-P3.91-1200	HF-P3.91-1500	HF-P6.25-1025	HF-P6.25-1200	HF-P6.25-1500
Pixel Pitch	2.9mm			3.91mm			6.25mm		
Pixel Density	112896 dots/m²			65,536 dots/m²			25600 dots/m²		
Visual Transparency	>80%			>80%			>90%		
Module Size	1025mmx250mm	1200mmx250mm	1500mmx250mm	1025mmx250mm	1200mmx250mm	1500mmx250mm	1025mmx250mm	1200mmx250mm	1500mmx250mm
Overall Dimensions	1047mmx250mmx72mm	1222mmx250mmx72mm	1522mmx250mmx72mm	1047mmx250mmx72mm	1222mmx250mmx72mm	1522mmx250mmx72mm	1047mmx250mmx72mm	1222mmx250mmx72mm	1522mmx250mmx72mm
Weight	1.15kg	1.31kg	1.61kg	1.04kg	1.11kg	1.21kg	1.07kg	1.11kg	1.21kg
Resolution	336x84pix	392x84pix	492x84pix	256x64pix	300x64pix	376x64pix	160x40pix	188x40pix	232x40pix
Screen Brightness	3000cd/m² auto/manual adjustment based on ambient light.	2500cd/m² auto/manual adjustment based on ambient light.	2000cd/m² auto/manual adjustment based on ambient light.	4000cd/m² auto/manual adjustment based on ambient light.	3500cd/m² auto/manual adjustment based on ambient light.	2500cd/m² auto/manual adjustment based on ambient light.	5000cd/m² auto/manual adjustment based on ambient light.	4500cd/m² auto/manual adjustment based on ambient light.	4000cd/m² auto/manual adjustment based on ambient light.
Max Power Consumption	1100W/m²			1400W/ m²	1167W/ m²	934W/ m²	1400W/ m²	1167W/ m²	934W/ m²
Average Power Consumption	350W/m²			448W/ m²	420W/ m²	373W/ m²	448W/ m²	420W/ m²	373W/ m²
Display Thickness	1.5mm			1.8mm	1.8mm	1.8mm	1.8mm	1.8mm	1.8mm
Viewing Angle	Horizontal160°, Vertical 140°								
LED Control System	Synchronous/Asynchronous								
Breakpoint Resumption	Supported								
Average Lifespan	≥ 100000 hours								
Grayscale Level	≥16(bit)								
Color Temperature Range	5500K-15000K(adjustable)								
Driving Method	Static								
Failure Rate	2years below 0.05%								
MBTF	≥ 10000 hours								
Power Supply Requirements	110V~240V ±10%, AC50Hz, 3-phase 5-wire								
Operating Temperature	0°C~ +60°C								
Operating Humidity	20%RH~85%RH，no condensation								
Storage Temperature	-20°C ~ +65°C								
Storage Humidity	10%RH~85%RH, no condensation								
Installation Method	Wall mount installation, glass adhesive, hanging, stacking, suitable for curved installations, supports cutting to any size								
Packaging & Shipping	Cardboard Case/ Plywood Case/Flight Case								

This Holoflex is widely used in commercial windows, building facades, exhibition halls, creative displays, entertainment and tourism, and automotive showrooms.