



NanoFlex™ – changing the rules of digital display technology

The NanoFlex 112 is a truly remarkable innovation, designed to give you the ultimate flexibility to utilize digital display technology in ways previously thought impossible. Our patented NanoLumens™ technology has allowed us to build the world's first flexible, thin, lightweight and energy efficient LED display capable of elegantly curving around contoured walls and structures, instantly bringing them to life with stunning image quality.

When designing the NanoFlex, our goal was simple: create a display that broke all the rules and changed the display industry forever. We asked, why do large format displays have to be rigid, heavy and housed in an ugly black box? Why do they have to be hard to install and operate? Why do they have to use so much electricity? Our answer: They don't.

Thus, the NanoFlex was born, delivering an unmatched digital display solution for corporate lobbies, high-end retail stores, stadiums, transit stations and anywhere else premium digital signage is used. NanoLumens: transform your physical space into digital reality.

Transform your physical space into digital reality!



NanoFlex™ at a Glance

Form

Flexible

NanoFlex is capable of hanging flat or flexing to conform to convex or concave surfaces unlocking endless potential for installation.

Ultra-Thin

With a profile of about 1 inch, NanoFlex can be installed on virtually any surface without being obtrusive, adding that WOW factor to your environment without the bulk.

Lightweight

A NanoFlex weighs significantly less than comparable displays and can be installed as easily as hanging a large mirror. As a bonus, the unique size and weight alleviates many of the expenses and structural challenges typically encountered when installing large displays.

Function

Brilliant Clarity

The NanoFlex patented display technology produces bright, rich, consistent color as well as superior off-axis viewing with no color shift or image distortion throughout the display horizon.

Plug-and-Play

Every NanoFlex accepts input from the device and/or system of your choosing. There is no need for special software, hardware or special personnel to display your content beautifully.

Eco Friendly

NanoFlex is designed to be a green alternative. One display draws about as much power as a household appliance and can be plugged directly into a normal 110volt wall socket. Additionally, NanoFlex displays are made from up to 50% reclaimed material and can be completely recycled.

	NanoFlex 112
Diagonal Size (in)	112
Viewing Area (mm)	2489 x 1346 (3.32m ²)
Viewing Area (in)	98 x 53 (36sf)
Aspect Ratio	1:1.86
Power (W) DC max	500W avg
Weight (lbs)	<90
Thickness (in)	<2
Available Pitches	6.0 4.0
Brightness (nits)	1000



Display Connection

Cat-5 connection from NanoLumens Display Controller Unit to NanoFlex (maximum length 200ft)

Interface Inputs

DVI, VGA, S-Video, X Composite (NTSC/Pal)

Video Formats

Quick Time (MOV), WMP: MPEG 4, MPEG 3, DIVX, RealPlayer

