


SPECIFICATIONS

UMini W Texture						
 UMini W	Pixel Pitch(mm)	0.7	0.9	1.2	1.5	1.8
	LED Type	COB				
	Pixel Per Panel	768x432	640x360	480x270	384x216	320x180
	Material	Die-cast aluminum				
	Brightness (cd/m²)	Max 400-800 (varies by different textures)				
	Viewing Angle(°)	170/160				
	Weight (kg/panel)	4.3±0.3				
	Contrast Ratio	Different texture contrasts vary and are evaluated per specific project.				
	Power Consumption /Panel	Different texture contrasts vary and are evaluated per specific project.				



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Unilumin | UNILUMIN GROUP CO., LTD.



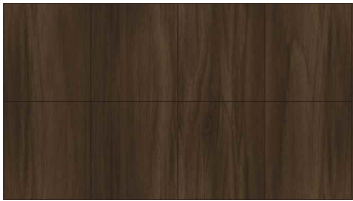
Turn off the Display
Turn on the Art

STANDARD TEXTURE PATTERN

Provide diversified design of surface texture effects



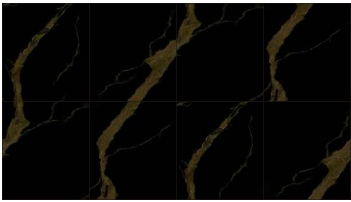
Wood 006



Wood 007



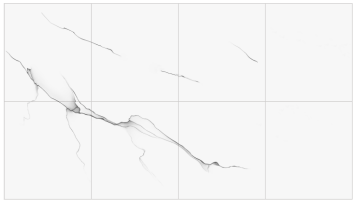
Concrete 001



Marble 001



Marble 002



Marble 003

OUR ADVANTAGES

Continued improvement on our robust COB products.

Unilumin nano-optical solution

Unilumin's nano-optical layer is integrated onto the surface of Unilumin's self-developed COB/MIP. There is no additional light loss an maintains high brightness while providing excellent color reproduction.

VS

Conventional printing and direct film solutions.

In the case of conventional direct printing or film lamination schemes, the film exhibits a low light transmittance level, thereby exerting a negative impact on the overall display quality.

U-Natural

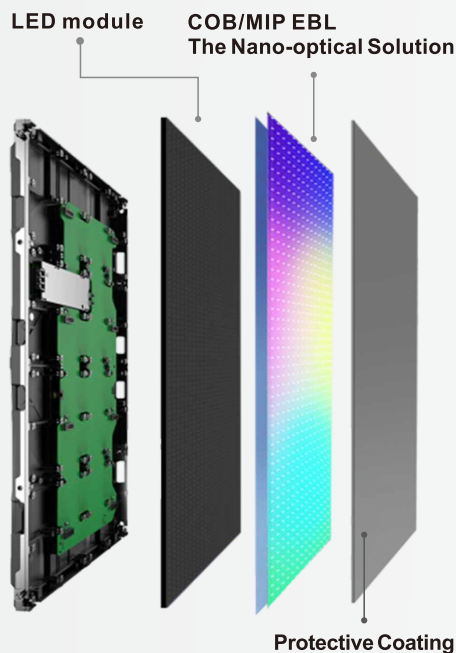
The Unilumin Texture Screen is committed to integrating the art of display into building materials, breaking through the constraints of traditional black displays, achieving the integration with the environment when the screen is off and living in harmony with various decorative designs. When the screen is on, it can display fine and beautiful pictures.

The Unilumin Texture Screen, leveraging nano-optical technology, guarantees high luminance, minimal light attenuation, and low reflectivity. It presents vivid off-screen textures and crystal-clear on-screen visuals.

Turn off the Display
Turn on the Art



ADVANTAGES



Unilumin
TOGETHER, FOR A BRIGHTER FUTURE

U-Natural

The nano-optical layer is natively integrated with Unilumin's COB/MIP technology.

3H

Scratch-resistant

110°

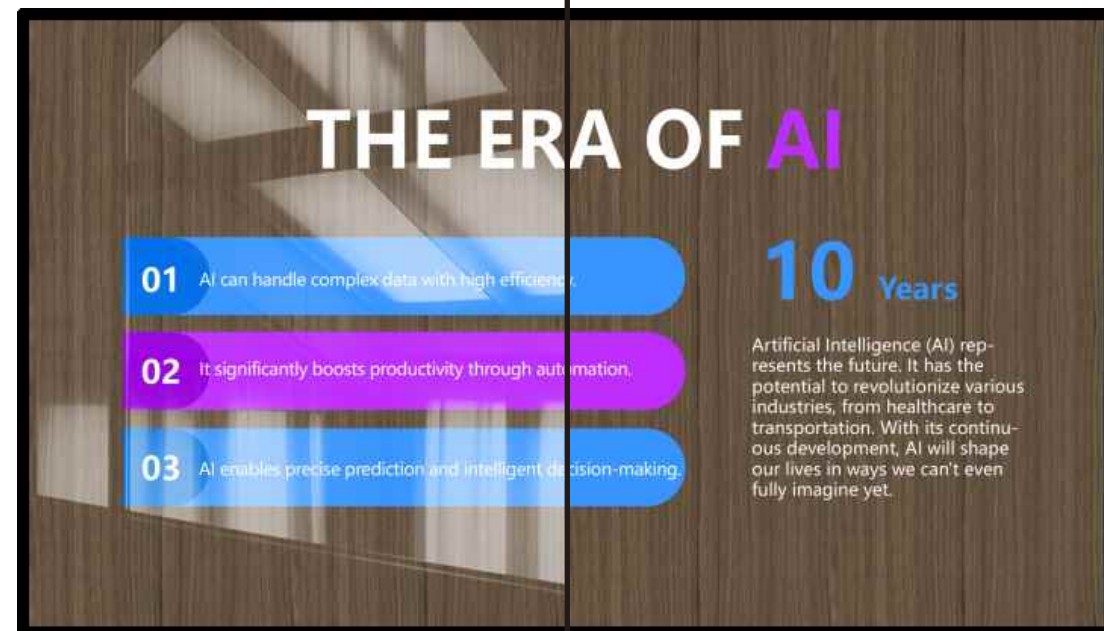
Dust-proof

0.5%

Low Reflectivity

Low Reflectivity

Note: When light enters the surface of the module vertically, only 0.5% of the light is reflected.



High Reflective Effect

Low Reflective Effect

Scratch-resistant

HARD

6B 5B 4B 3B 2B B HB F H 2H 3H 4H 5H 6H

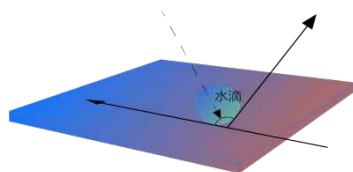
SOFT

Compared with the conventional COB products that only maintain a surface hardness of HB-2H.

The surface hardness of 3H means that the film surface can resist scratching by a 3H - hardness pencil with a force of 1 kg applied at an angle of 45 degrees.

Dust-proof

Water Contact Angle $\geq 110^\circ$



It indicates that the product has excellent hydrophobic and dustproof performance.



Seamless Mapping

It can make the texture connection relatively natural and bridge the physical separation.



Customize Your Pattern Texture

Customizable tile patterns are available with the size of the module as the unit.

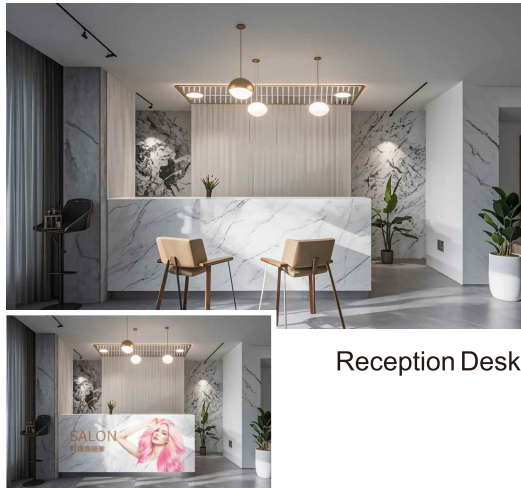


The scope of customization needs to be confirmed with Unilumin's R & D department.

U-Natural

APPLICATION SCENARIO

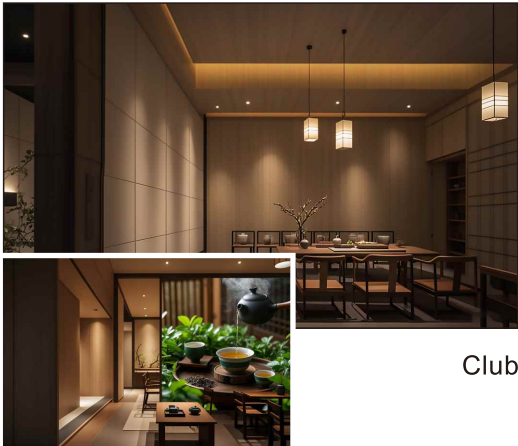
Space Decoration



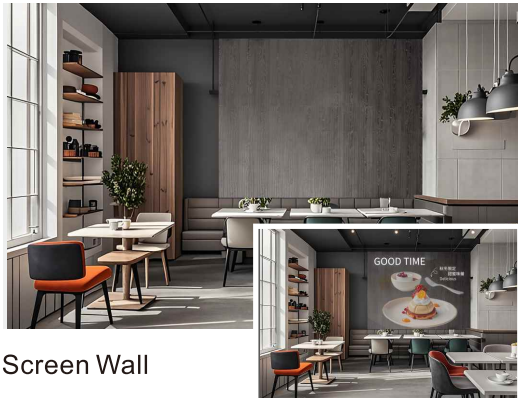
Reception Desk



Coffeehouse



Club



Screen Wall



Restaurant



Trendy Brand Store



Car Experience Center



Brand Experience Store

RECOMMENDED



Space Designer

When we engage in space design, we incorporate various decorative materials in combination. But more often than not, the functional black display screens clash with the overall design aesthetic we aim for. The Unilumin Textured Screens offer us an additional choice. These screens, which can mimic the effects of wood grain and marble, effectively eliminate the obtrusiveness typical of traditional display screens.



Display Expert

In recent years, as COB technology has advanced and its cost has dropped, the direct-view mini LED displays have showcased more prominent advantages. By integrating the texture craftsmanship on the display surface, the Unilumin Textured Screens, featuring superior quality and high brightness, have broken into the decoration market. They offer a level of creativity that is beyond the reach of other display technologies.

Our customers are all highly intrigued and enthusiastic about the Unilumin Textured Screen. The innovative ways in which these screens can be applied have really piqued the interest of the project stakeholders, making them eager to incorporate them into their projects. This one-of-a-kind product is set to create new growth opportunities in the LED display market.



User



Dealer