

CREATELED®

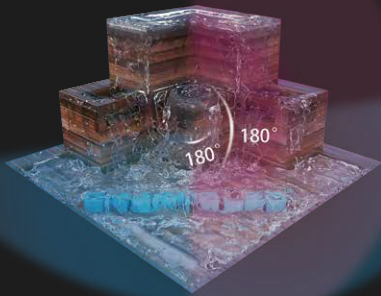
Ebony Technology

Ultimate Black

Ebony Substrate Layer Instead of Usual Mask
Better Protection for LED Lights
Better Resistance to Water and UV Rays
Superior Image Quality



Widest Viewing Angle



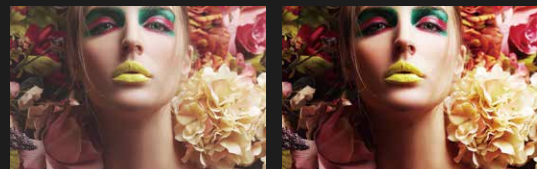
- › Ebony Technology maximizes viewing angle.
- › Widest viewing angle that is close to 180 degrees.

Superior Contrast



Conventional Mask

Ebony Technology



Low Contrast

High Contrast

- › The ratio of the luminance of white to that of black defines contrast ratio that the screen can produce. CreateLED engineers designed the new Ebony Black layer with that in mind.
- › The substrate layer minimizes space between the diodes making the surface of the modules almost completely black.
- › Ebony layer coated panels can produce superior contrast ratio of up to 10,000:1.

Ebony Technology

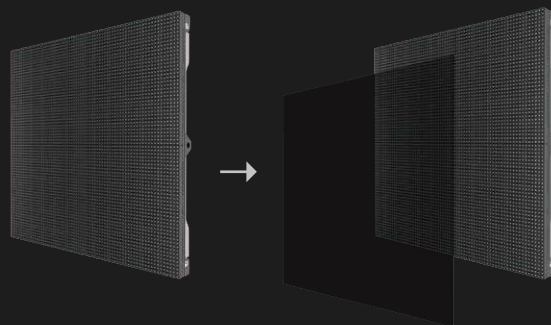
Damage-proof



Improved LED's Protection

- › Cured adhesive layer totally cocoons, protects SMD resulting in reduced LED lights damage rate during transportation and handling.

High Definition



- › Cured adhesive layer added on the top of the module mask.
- › Better protection of LED's allows smaller pixel pitch to be achieved. 4K, 8K resolution screens are available with Ebony Technology.

Glossy or Matte Finish



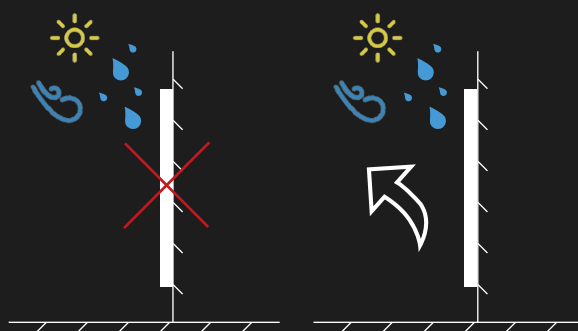
Matte Finish



Glossy

- › Ebony Technology provides you with two options: glossy or matte finish. Glossy surface gives bright and vivid colors, and can fully replace an LCD screen. Matte finish provides non-reflective surface and anti-glare effect.

Humidity-proof



Others

Ebony Technology

- › New Ebony protective layer completely coats the SMD, as a result modules are better resistant to external factors including humidity, wind, corrosion, high temperatures and UV rays.

Specification

Superior Contrast	Up to 10,000:1
Brightness	Up to 1000 cd/m ²
Color	140% of sRGB coverage

For more details, please refer to the product brochure.