The BM5 panels have embedded optical sensors that detect when they have been activated by a foot, hand or really anything that you'd like to place on the interactive panels. High-resolution tracking on the BM5 floor, with 100 sensors per panel and multi-tracking on small surfaces make the interactivity a powerful tool.

The fast response time of 33 milliseconds and real-time data traffic to the content server make the experience unforgettable.

The BM5 panels use a Brightlogic processor, 2 receiver cards per panel control the interactivity and the display. Mix-and-match with standard BM5 panels is possible, using the same receiver cards. Data access is easy, making linking to Notch or your lighting controls a breeze.

Smart Design - Enhanced Features

The Black Marble BM5 panels measure 600*600mm and have a 5.76 mm pixel pitch, these features make it possible to combine the BM5 LED floor with other LED modules, keeping the same resolution.

The Black Marble BM5 offers enhanced options, like an anti-moiré finish, for a better in-camera performance, a wide viewing angle and fully integrated interactivity.

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### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>BM5-PC Matte</th>
<th>BM5-Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pixel Pitch</td>
<td>5.76mm</td>
<td>5.76mm</td>
</tr>
<tr>
<td>Max Brightness</td>
<td>2000nits</td>
<td>800nits</td>
</tr>
<tr>
<td>Panel Dimension</td>
<td>600mm x 600mm x 103mm</td>
<td>600mm x 600mm x 110mm</td>
</tr>
<tr>
<td>Refresh Time (Hz)</td>
<td>3840Hz</td>
<td>3840Hz</td>
</tr>
<tr>
<td>Frame Material</td>
<td>Magnesium Alloy</td>
<td>Magnesium Alloy</td>
</tr>
<tr>
<td>Panel Weight</td>
<td>13.5kg; 29.76lbs</td>
<td>18.3kg; 40.35lbs</td>
</tr>
<tr>
<td>Gray Scale</td>
<td>14bit</td>
<td>14bit</td>
</tr>
<tr>
<td>Operation Temp / Humidity</td>
<td>-20°<del>45°C, 10</del>90%RH</td>
<td>-20°<del>45°C, 10</del>90%RH</td>
</tr>
<tr>
<td>Storage Temp / Humidity</td>
<td>-40°<del>60°C, 10</del>90%RH</td>
<td>-40°<del>60°C, 10</del>90%RH</td>
</tr>
<tr>
<td>Power Consumption Max / Average</td>
<td>270W / 135W</td>
<td>270W / 135W</td>
</tr>
<tr>
<td>BTU Max / Average</td>
<td>920 / 420</td>
<td>920 / 420</td>
</tr>
<tr>
<td>Transparency</td>
<td>Solid</td>
<td>Solid</td>
</tr>
<tr>
<td>LED Configuration</td>
<td>SMD 1921 White</td>
<td>SMD 1921 White</td>
</tr>
<tr>
<td>Viewing Angle Horizontal</td>
<td>140°</td>
<td>140°</td>
</tr>
<tr>
<td>Panel Configuration</td>
<td>Brightlogic</td>
<td>Brightlogic</td>
</tr>
<tr>
<td>Waterproof</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Certification</td>
<td>CE, ETL</td>
<td>CE, ETL</td>
</tr>
</tbody>
</table>

Notes: The specifications are for reference, actual values may vary.

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Black Marble</th>
<th>BM5-PC Matte</th>
<th>BM5-Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Dimension (H x W x D)</td>
<td>600mm x 600mm</td>
<td>600mm x 600mm</td>
<td>600mm x 600mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>103mm</td>
<td>110mm</td>
<td>110mm</td>
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Create Visual Illusions Beyond Your Imagination

Black Marble BM5 & BM5i
Brilliant LED at your feet

Even Greater Visuals with the Perfect Finish
With a 5.7mm pixel pitch the LED panels offer excellent visual qualities.

Deep Black Finish
A non-reflective LED panel, ideal for broadcast and live events.

Matte Finish
A stylish glossy panel offering a true, deep black color, for a high-tech design look and feel, ideal for retail, architectural and exhibition applications.

Fast and Easy Set-up
All support options are easy and fast to install. Using a minimum number of tools, you can reduce assembly time and save on labor costs.

Automatic Calibration
The control system for the BM5i constantly calibrates the floor surface to make sure it only reports back actual touches and neglects transients, such as dirt, dust, chairs or other foreign objects.

Versatile System
Like the Black Marble BM4, the BM5 & BM5i LED panels can be built as LED floor, LED wall, stairs and multi-level stages. This thought-through integrated system is very easy to install and enables users to use their creative applications freely.

Support Frame
Guaranteeing a safe and sturdy floor support. The floor is designed to take a load of 1000 kg/m².

LED floor frame
LED stair / multi-level frame
LED wall frame

Top access for easy module maintenance.

IP 65 rating, outdoor use and wet cleaning to keep your floor in pristine condition, is easy.

Safe Access - antislip surface on all LED panels.

Magnetic Modules, easy module swapping.

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