

## Data Sheet

multi-functional LED surface



### ASB LumiFlex the full screen GlassFloor

The ASB LumiFlex Glass Floor was designed to transform any space into a one of a kind visual experience.

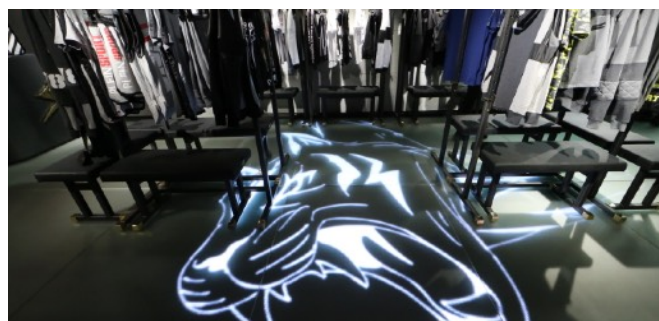
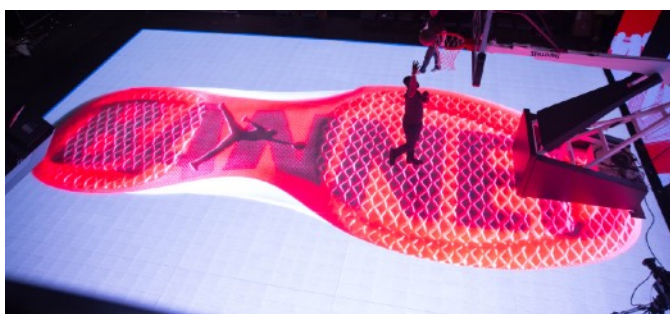
Its patented glass surface is one of the most innovative flooring surfaces ever made

and can be used for a variety of solutions, ranging from sports to concerts, retail to trade shows.

The unique sub-structure allows the glass surface to meet the standards for a certified area-elastic sports

surface with fantastic shock absorption.

The system can be used indoors or outdoors and even portable floors are possible.



## Structural Build Up

Glass Type

Laminated two layer safety glass panels built from two 5 mm tempered security glass sheets, laminated with a 1.52 mm thick PVB - foil.

Glass Surface

Special etching on the upper surface of the glass panels to prevent light reflection. Burned in ceramic dots for slip resistance.

Glass Dimensions

Glass panel size portable: 2m x 1.5m / fixed installation: 3 x 2m

LED Screen:

Pixel Pitch

4.8 mm, 43,264 p/m<sup>2</sup> / 3.9 mm, 65,536 p/m<sup>2</sup>

LED Type

RGB 3in1 SMD1921 / RGB 3in1 SMD1921

LED Panel Size

500 mm x 500 mm x 88 mm

Brightness

4,500 nit / 4,500 nit

Refresh Rate

3,840 Hz

Source Compatibility

synchronous DVI / VGA / SDI / HDMI plug and play

Operating Temperature

-20° ~ 50° C

Operating Humidity

10 - 90% RH

Connection

Power: Neutrik (IP65), Data: etherCON (IP65)

Power Consumption avg.

190 W/m<sup>2</sup> / 190 W/m<sup>2</sup>

Power Consumption max.

570 W/m<sup>2</sup> / 570 W/m<sup>2</sup>

Thermal dissipation avg.

130 W/m<sup>2</sup> / 130 W/m<sup>2</sup>

Thermal dissipation max.

400 W/m<sup>2</sup> / 400 W/m<sup>2</sup>

Input Power

AC100-240V, 50-60Hz

Lifetime

min. 100,000 Hours

Build-up height

min. 160 mm

Joints

Silicon joints attached to glass panels.

Sport Performance

Meets and exceeds EN 14904:2006 / FIBA and IHF certified

Warranty

ASB GlassFloor 10 years, electronic components 2 years.

