

2022/2023

# GAMING DISPLAY SPECIALIST, BETTER BY DESIGN





Fantalooks HQ  
in S.Korea



## ABOUT FANTALOOKS?

Fantalooks has been supplying  
customized high quality gaming  
displays since 2013.



### Customized

We offer a wide variety of standard and custom displays to ensure your gaming products stand out on Casino floor.



### High Quality and Reliability

We consider quality as our 1st priority. We provide high quality display products to work under any adverse conditions.



### Technology

We focus on engineering competence to meet the high demands of representing games to players through a range of standard and custom displays.



### Customer-Centric Services

We provide prompt engineering consultation, feedback and service.





**Wide Color Gamut**

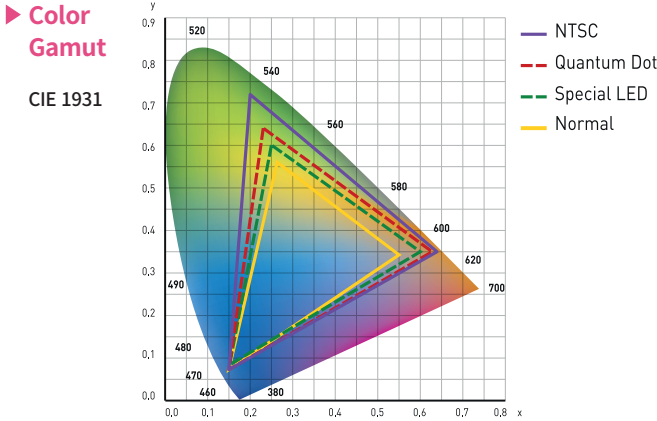
The new LED chip and optical sheet can be combined to widen the NTSC color gamut. High-color reproduction technology enables more realistic gaming experiences for players and Fantalogos offers a range of wide color gamut options.



Normal CG : 72%



Wide CG : >90%



**High Brightness**

Using a high-brightness display that Stand out on Casino floors on Public facilities offers viewers with a more satisfying experience. Fantalogos specializes in designing high-brightness displays.



Normal : Typ. 250~350 nits



Fantalogos : Typ. 500 nits



**Digital Auto Bias**

Digital Auto Bias technology can maintain the luminance of the display in its original state. Most Casino slot machines today have a minimum of 3-4 monitors in one machine. When DAB technology is applied to the display, it provides the player with the most consistent imagery between displays. It can also extend the display's life by maintaining its luminance.

Conventional



250 nits



200 nits

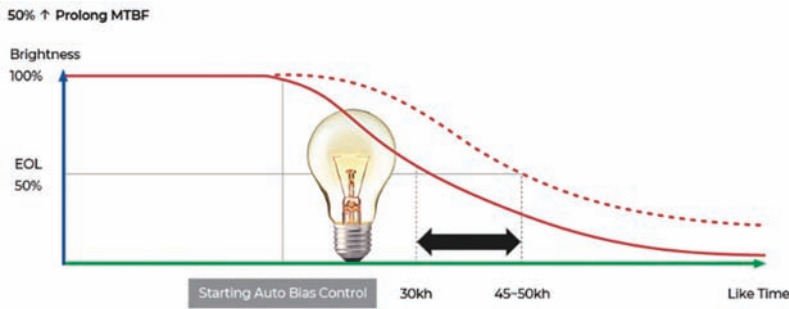
Fantalogos



250 nits

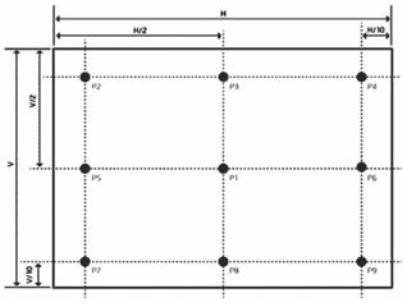


250 nits



**Uniformity**

Uniformity provides clean, crisp screen images that are critical in Casino gaming and public applications. Fantalogos offers the highest uniformity displays providing customers with the best viewing experience.



Curved

For more information  
🔍 Page 08-09



Square Display

For more information  
🔍 Page 10



Unique Shape

For more information  
🔍 Page 11



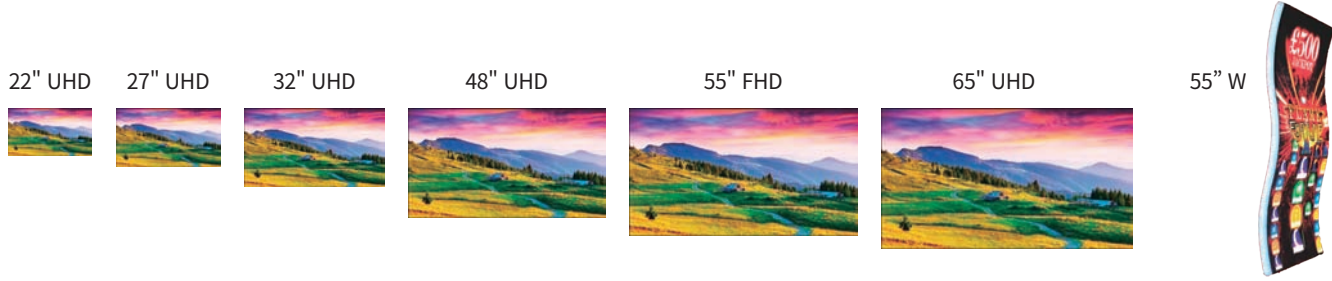
Button deck  
(Resized / Stretched)

For more information  
🔍 Page 12-13



OLED

For more information  
🔍 Page 14-15



Large Size  
(Flat)

For more information  
🔍 Page 16-17



Medium Size  
(Flat)

For more information  
🔍 Page 16-17



\*Other Size is available upon customer's request.

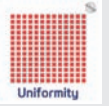
Available Technologies  
(Optional)



WCG  
90~92%



High  
Brightness  
700nit



Min  
80%



Automatic  
Brightness  
Controll



LED Deco  
lighting



Curved Display

\*Recommended for Main Display



J Type



C Type



W Dual Side (OLED)



Q Type



Omega Type

Product Line Up

\*WCG 92% is optional.

Size	Type	Resolution	Radius	Brightness	Touch Panel	Color Gamut (NTSC)
43"	C	UHD	1500R	550cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
43"	J	UHD	1500R	550cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
49"	C	UHD	1500R	550cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
49"	J	UHD	1500R	550cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
55"	C	UHD	1500R	550cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
55"	J	UHD	1500R	550cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
55"	Q	UHD	1000R/1500R	550cd/m <sup>2</sup>	-	72%/92%
55"	Omega	UHD	600R	550cd/m <sup>2</sup>	-	72%/92%
55"	W (Double Sides)	FHD(OLED)	1000R	400cd/m <sup>2</sup>	-	98%

\*Higher brightness is optional.

Available Technologies (Optional)



WCG 90~92%



High Brightness 700nit



Min 80%



Automatic Brightness Control



LED Deco lighting

• **Square Display**

\*Recommended for  
Main, Topper, Signage



35.7" C



35.7" Flat

\*WCG 92% is optional.

**Product  
Line Up**

Size	Type	Resolution	Radius	Brightness	Touch Panel	Color Gamut (NTSC)
27.6" (43" 1/2cut)	Flat	1900x2160	-	500cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
27.6" (43" 1/2cut)	C	1900x2160	1500R	700cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
35.7" (55" 1/2cut)	Flat	1900x2160	-	500cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
35.7" (55" 1/2cut)	C	1900x2160	1500R	700cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
42.2" (65" 1/2cut)	Flat	1900x2160	-	500cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%
42.2" (65" 1/2cut)	C	1900x2160	1500R	700cd/m <sup>2</sup>	PCAP 5T Glass	72%/92%

\*Other size(49" 1/2cut) is available upon customer's request.

\*LED Lighting is optional

Available Technologies  
(Optional)



WCG  
90~92%



High  
Brightness  
700nit



Min  
80%



Automatic  
Brightness  
Controll



LED Deco  
lighting

• **Unique Design Display**



23.8" Bartop



23.6" Round

“Eye-Catching Design”

The beautiful curved surface bar top design is comfortable to look at.

**Product Line Up**

\*WCG 92% is optional.

Size	Type	Resolution	Radius	Brightness	Touch Panel	Color Gamut (NTSC)
23.8"	C	FHD	500R	500cd/m <sup>2</sup>	PCAP 3T Glass	72%/92%

\* Other Size (27") and Radius are also available upon customer's request.

"Most suitable for Topper"

The Real Round LCD Display has a thin bezel.  
It has no dead area that is just hidden by the mechanical part on a square type LCD.

**Product Line Up**

Size	Type	Resolution	Brightness	Touch Panel	Color Gamut (NTSC)
23.6"	Round	1280x1280	1,500cd/m <sup>2</sup>	-	72%

• **Button Deck Display**

\*Recommended for player interaction and interface



**Product  
Line Up**

Size	Type	Resolution	Brightness	Touch Panel	Color Gamut (NTSC)
10.1"	Flat	1280x800	350cd/m <sup>2</sup>	PCAP 5T Glass	72%
13.3"	Flat	1920x1080	400cd/m <sup>2</sup>	PCAP 3T Glass	72%
15.6"	Flat	1920x1080	500cd/m <sup>2</sup>	PCAP 3T Glass	72%
16.4" (18.5" 1/3cut)	Flat	1366x238	320cd/m <sup>2</sup>	PCAP 3T Glass	72%/92%
15.5" (19" 2/5cut)	Flat	1280x390	500cd/m <sup>2</sup>	PCAP 3T Glass	72%/92%
21.1" (23.8" 1/3cut)	Flat	1920x360	700cd/m <sup>2</sup>	PCAP 3T Glass	72%/92%
23.8"	C	1920x1080	500cd/m <sup>2</sup>	PCAP 3T Glass	72%/92%

\*WCG 92% is optional.

\*Other shape and size are available upon customer's request.

Available Technologies  
(Optional)



WCG  
90~92%



High  
Brightness  
700nit



Min  
80%



Automatic  
Brightness  
Controll

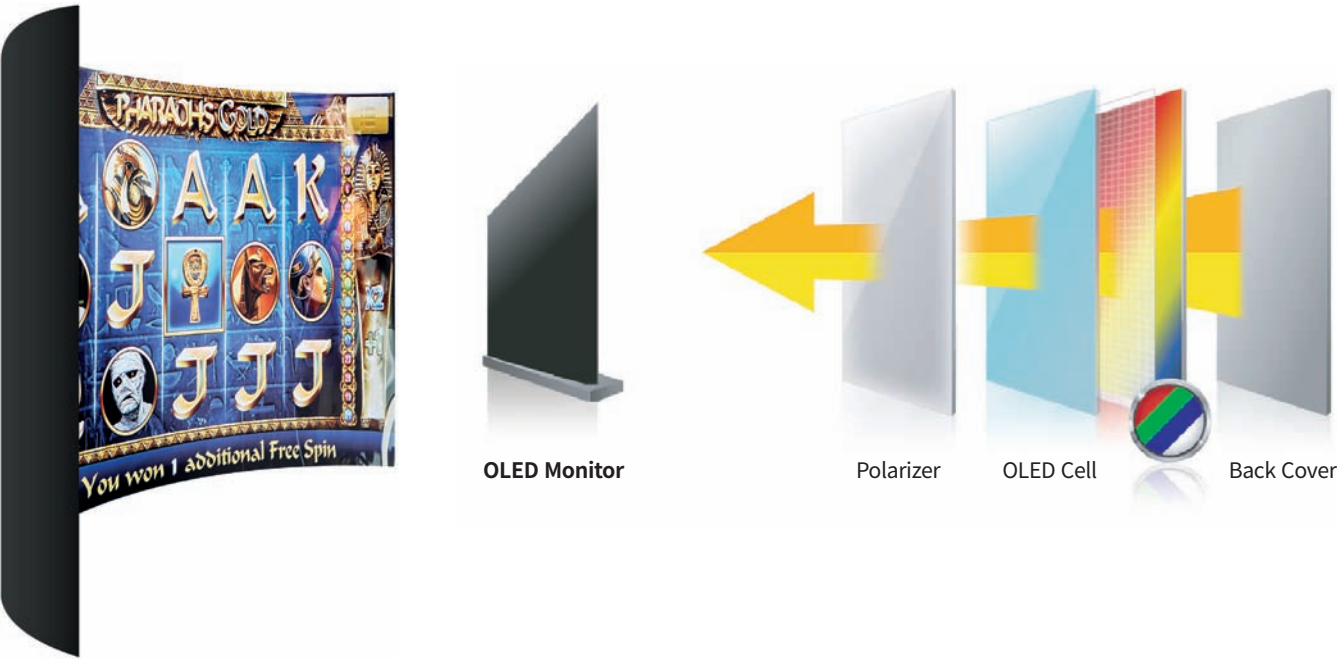


LED Deco  
lighting



• **OLED Display**

Fantalooks has developed a "W" curved, two-sided OLED display that is unique in the gaming industry.



OLED Monitor

Polarizer

OLED Cell

Back Cover

**Product  
Line Up**

Size (inch)	Resolution (Pixel)	Brightness	Color Gamut (NTSC)
22"	3840x2160	350cd/m <sup>2</sup>	100%
27"	3840x2160	540cd/m <sup>2</sup>	100%
32"	3840x2160	540cd/m <sup>2</sup>	100%
48"	3840x2160	450cd/m <sup>2</sup>	98%
55"	1920x1080	400cd/m <sup>2</sup>	98%
65"	3840x2160	450cd/m <sup>2</sup>	98%

**Real wide view angle**

Consistent color regardless of view

**Light weight for easy installation**

**Free installation**

Landscape / Portrait, Face-up/down  
Concave / Convex (design free)

**Application**

Video wall  
Casino signage  
Curved display  
Transparent display (T-OLED)





Flat Display

\*Recommended for Top, Main, Topper



Product Line Up

Size	Type	Resolution	Brightness	Touch Panel
21.5"	Flat	FHD	250cd/m <sup>2</sup>	PCAP 3T Glass
23"	Flat	FHD	250cd/m <sup>2</sup>	PCAP 3T Glass
23.8"	Flat	FHD	250cd/m <sup>2</sup>	PCAP 3T Glass
27"	Flat	FHD	300cd/m <sup>2</sup>	PCAP 3T Glass
32"	Flat	FHD/UHD	400cd/m <sup>2</sup>	PCAP 3T Glass
42"	Flat	FHD	400cd/m <sup>2</sup>	PCAP 3T Glass
43"	Flat	UHD	500cd/m <sup>2</sup>	PCAP 5T Glass
49"	Flat	UHD	500cd/m <sup>2</sup>	PCAP 5T Glass
55"	Flat	UHD	500cd/m <sup>2</sup>	PCAP 5T Glass

\*Other Size is available upon customer's request.

\*LED Lighting is optional

Available Technologies  
(Optional)



WCG  
90~92%



High  
Brightness  
700nit



Min  
80%



Automatic  
Brightness  
Control



LED Deco  
lighting



LED Lighting

LED lighting technology can be applied to the inside or outside of the display. Fantalooks offers a variety of customized solutions.

LED Type

RGB

Panoramic LED Strip

Diffuser Material

Plastic

Glass Painting

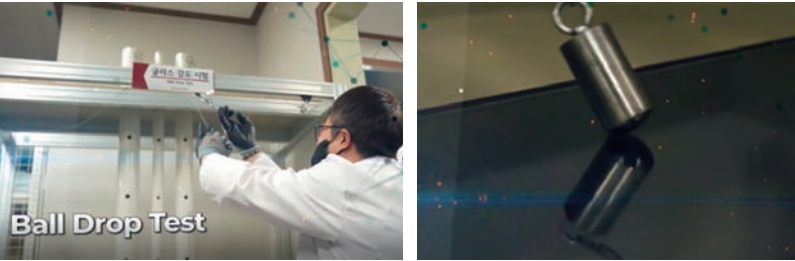
- LED lighting on 4 edges of the display is an eye-catching element with impact.
- Both RGB and Panoramic color control are available.
- Fantalooks gentle-curved plastic housing enables direct mounting to the cabinet.



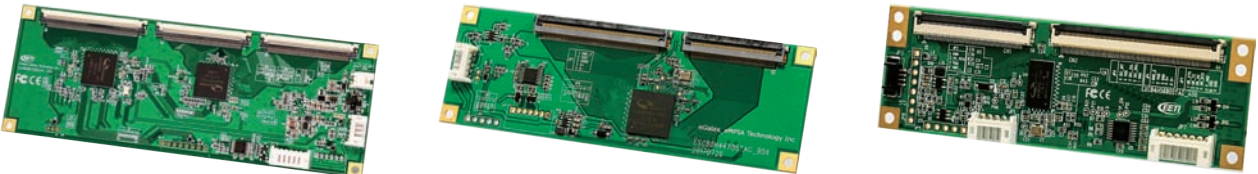
Fantalooks

- Develops touch sensor and glass with core technologies in-house.
- Uses universal controller that provides customers with the design flexibility to work with a variety of touch technologies.

Ball Drop Test

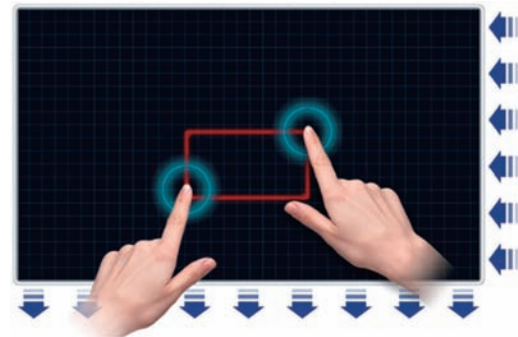


Touch Controller



PCAP Touch (Projected Capacitive Touch)

A method of sequentially measuring capacitance formed at intersections between axes by arranging electrodes in both horizontal and vertical axes and detecting capacitance variations at specific points.



Available glass type: Clear, AG, AR



## : BLU/LCM Total Solution

BLU is key element for the customized LCD.

LCM

BLU

Fantalooks develops and produces various types of BLU/LCM in-house, with a strictly controlled clean room environment.



### Mechanical / Optical Design

- In-House design
- BLU 3D and Optical design



### In-House Assembly

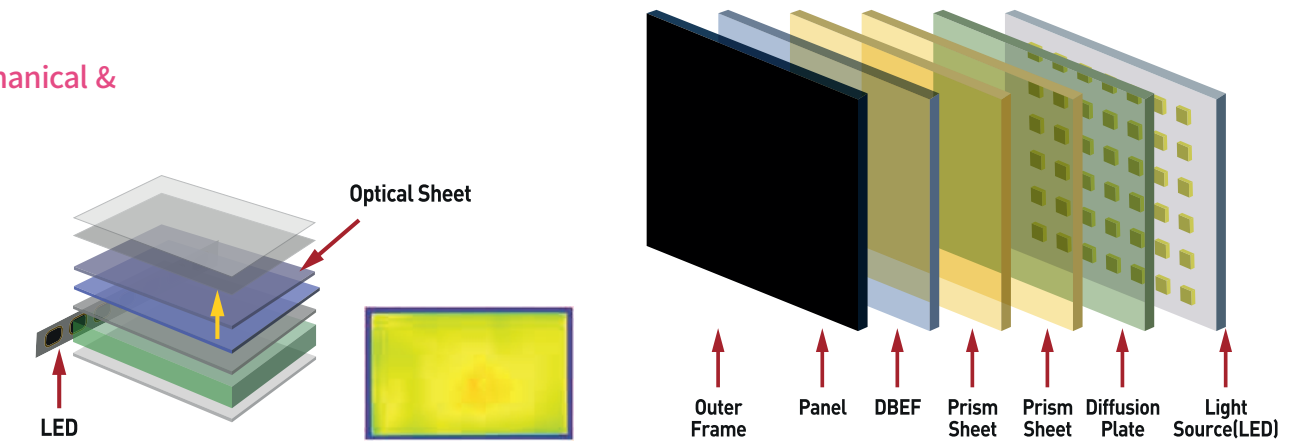
- In-House assembly



### High Brightness

- In-House sourcing
- Brightness simulation tool
- LED rank and optical sheet optimization

Fantalooks develops Mechanical & Optical design in-house.



BLU/LCM assembly lines  
(Clean room)





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