

55EW5G-V Product Kit (ver.1.0)

Transparent OLED Signage

1. Summary
2. Product Overview
3. USP
4. General Features
5. Dimension
6. Accessory

Sep. 30. 2021
Information Display Business Unit

1. Summary

Transparent OLED provide openness, unexpected attraction, overlay information with space in real time

Vertical / Place

Key Value

Retail

- Show room
- In-door store (Fashion/Watch/Sports)
- QSR, Restaurant

Openness

Harmony with space
Space efficiency

Corporate

- Broadcast / Entertainment / Exhibition
- Information (Smart Factory, Vessel, Transportation)
- Architect (Smart door)

Unexpected Attraction

Unexpected exposure and advertising effect
Premium branding

Transportation / Public

- Subway (Screen door)
- Airport (Security, Inspection, immigration)
- Financing Center (Waiting zone)
- Museum / Observatory / Aquarium / Hotel

Overlay Information

Provide compound Information
Show information about the situation at the same time

1. Summary

Retail



Fashion



Cafe



Car Dealer shop, configurator

Corporate



Executive Office



Smart Factory / R&D Center



Broadcast / Entertainment

Transportation



Control Room



Screen Doors



Airport / Terminal

Public



Museum



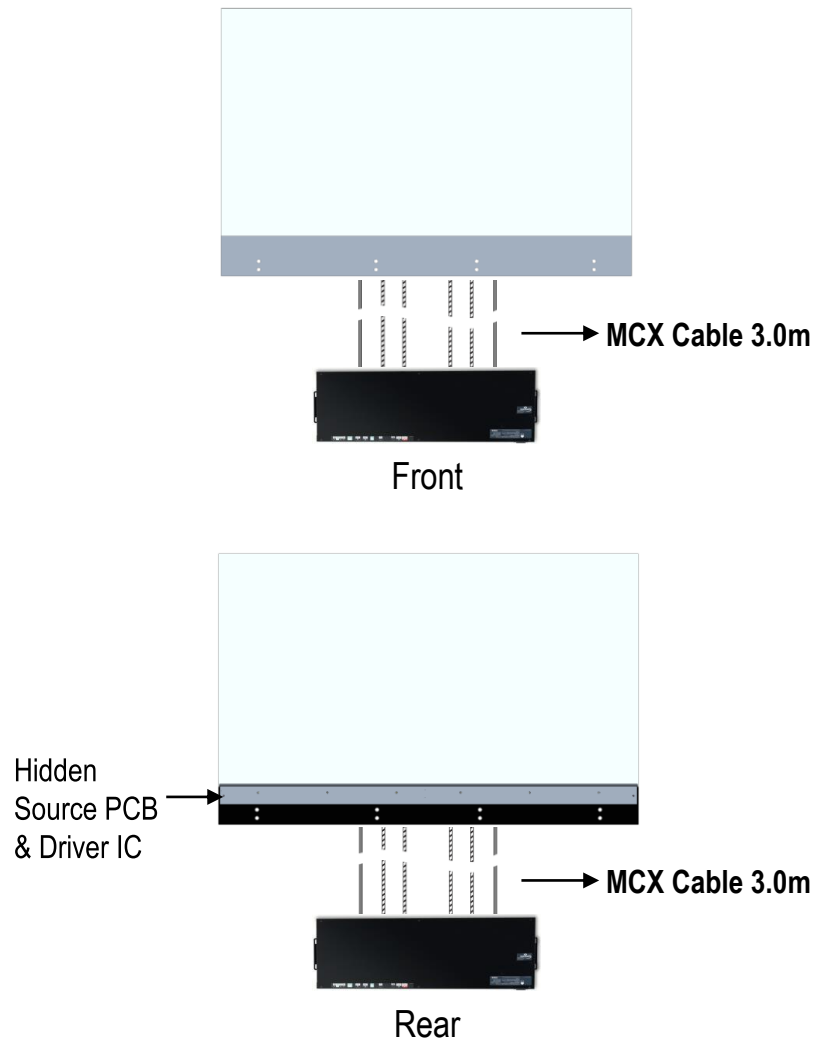
Exhibition



Observatory

2. Product Overview

The most attractive LG Transparent OLED



1. High Transparent solution

38% Transparency

2. Unrivaled Picture Quality

Accurate & stable color

3. Robust Design

*Tempered glass
+ Shock and Vibration certificated (IEC 61373)*

4. Long distance Installation & Connection Stability

MCX cable 3.0m & Locking Structure

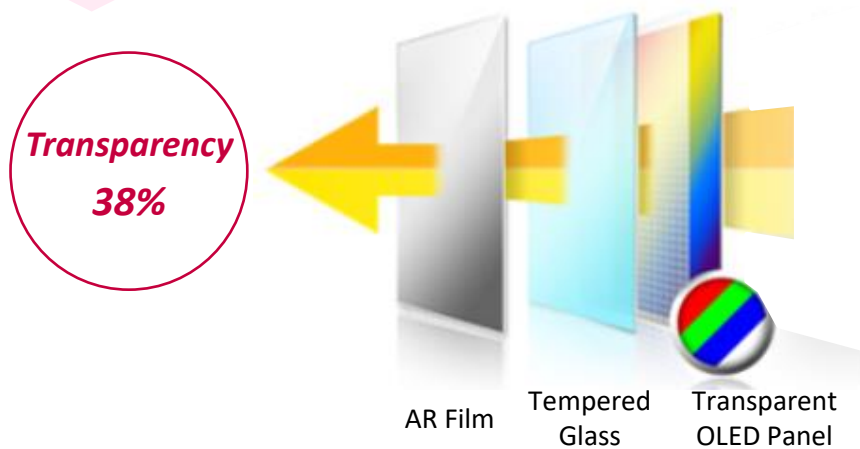
5. Seamless like Design

Transparent Bezel (with Deco Bar)

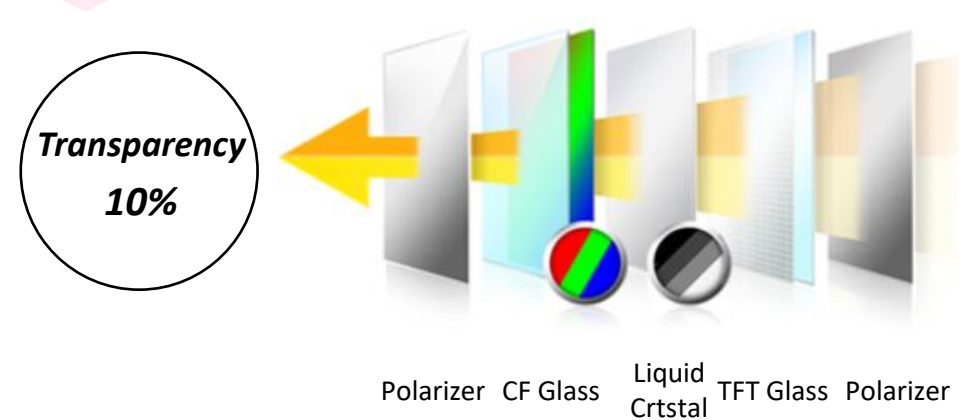
1. High Transparent solution

Clear enough to read fine details or text on objects behind the display
OLED achieved 38% transparency as conventional LCD display has 10%

Transparent OLED



Conventional Transparent LCD



2. Unrivalled Picture Quality

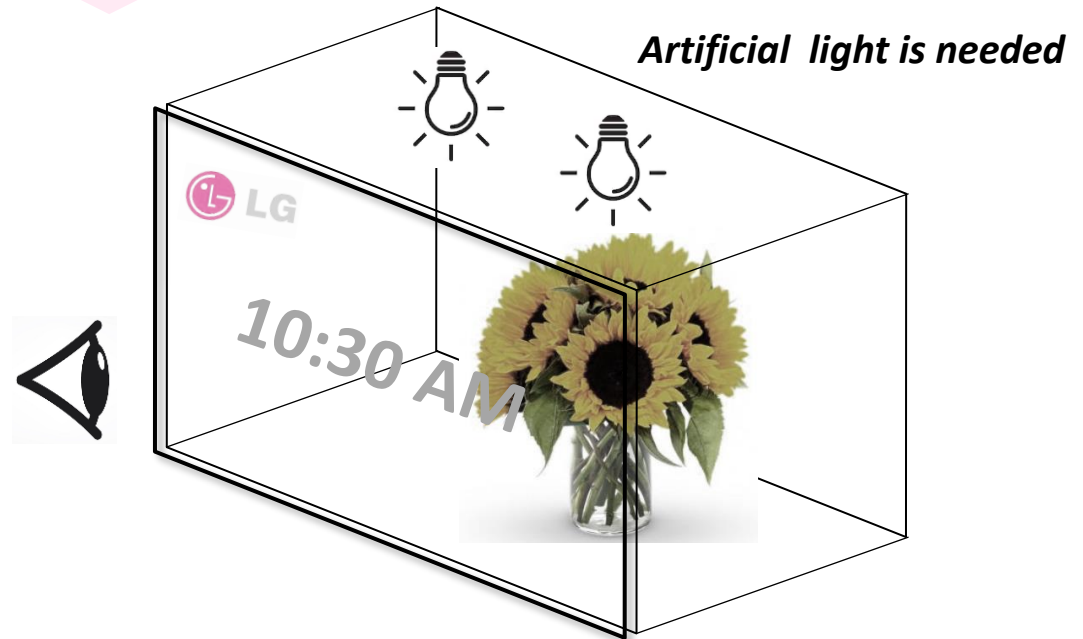
Transparent OLED does not require external light such as backlight units. It illuminates by using self lighting pixels.

OLED colors look more outstanding compare to LCD and show clear images and natural colors without help of external light.

Transparent OLED



Transparent LCD

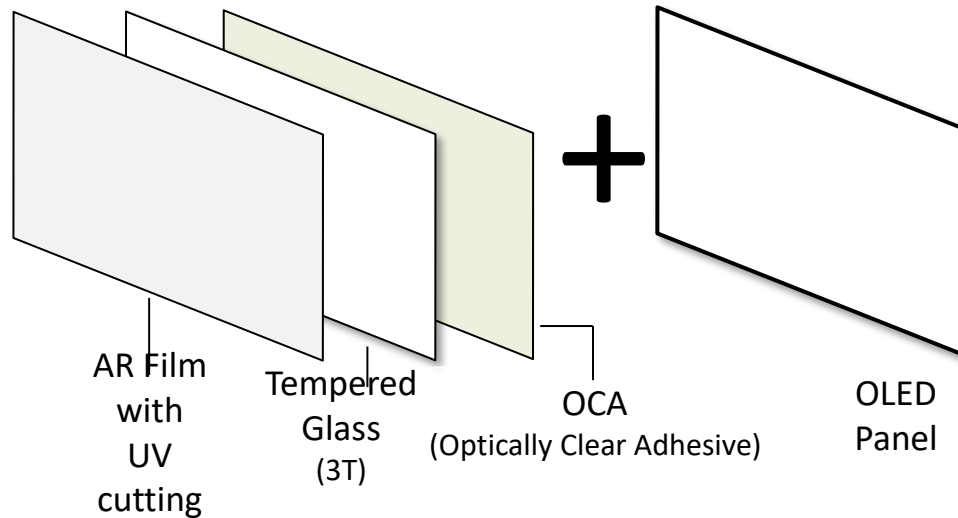


3. Robust Design

Tempered glass makes the display product more safe, so users would not need to worry about damage of panel from the external pressure or impact.

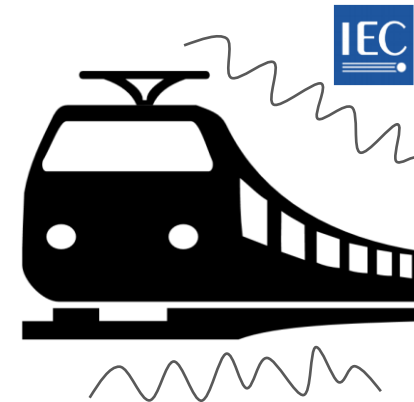
Also it is designed to be able to endure shock and vibration of moving train.

Attached tempered glass



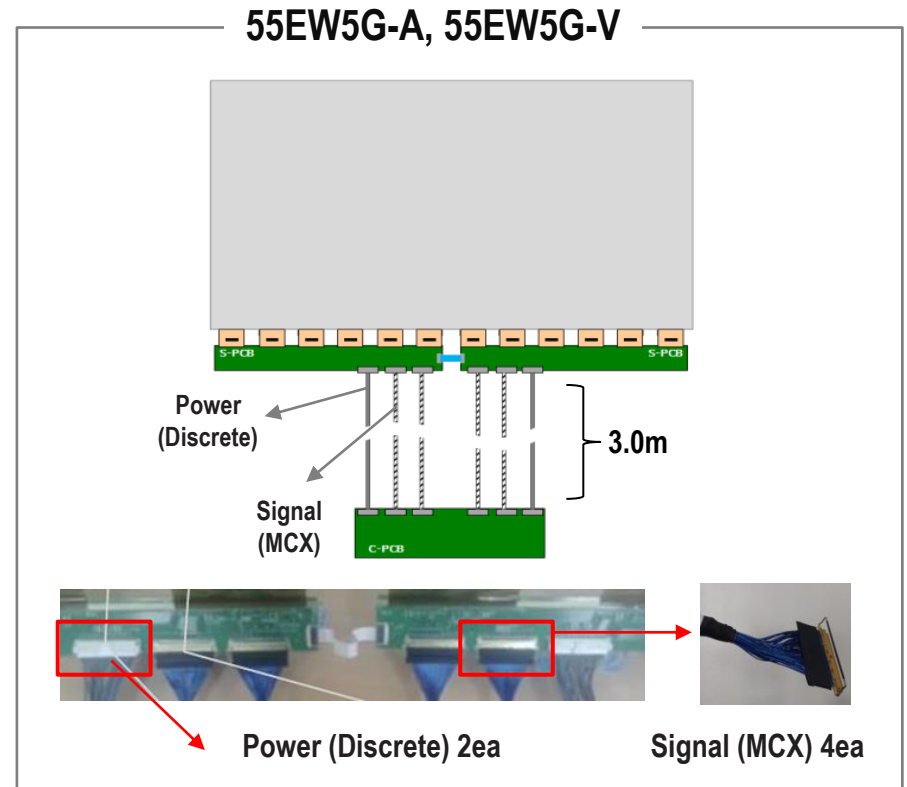
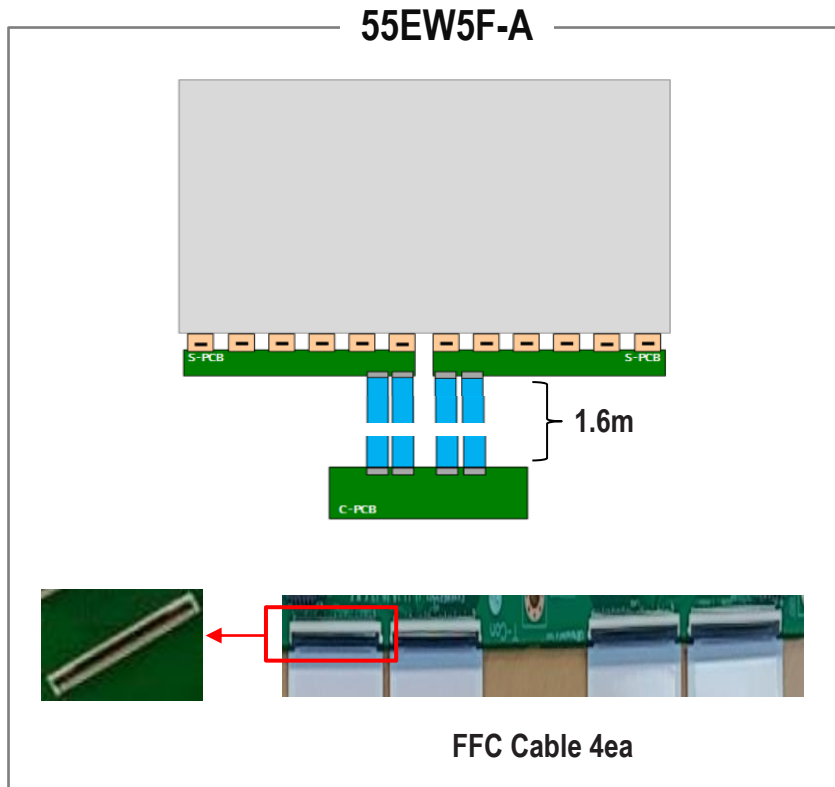
IEC 61373 Standard certificated

- Railway applications – Rolling stock equipment
- Shock and vibration tests certified by International Electrotechnical Commission



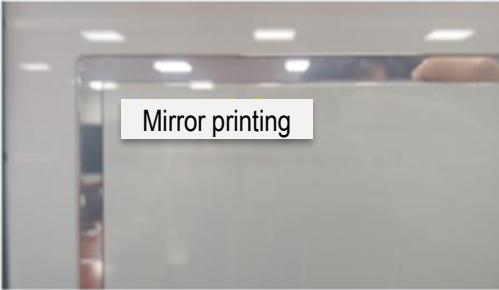

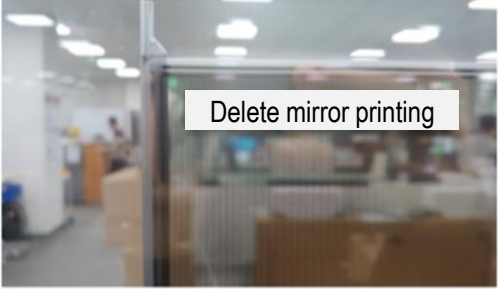
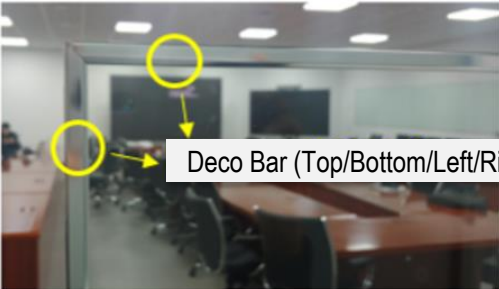
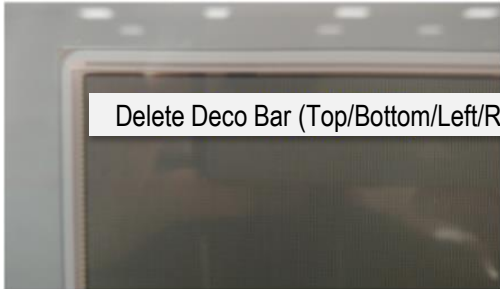
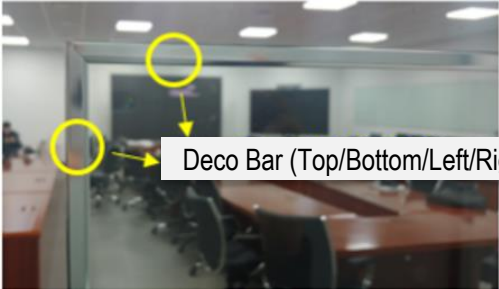
4. Long distance Installation & Connection Stability

MCX 3.0m long cable with locking structure is applied, so the user can install the signage box in a separate space from a distance, and it is stable because there is very little possibility of defects when connecting the cable.



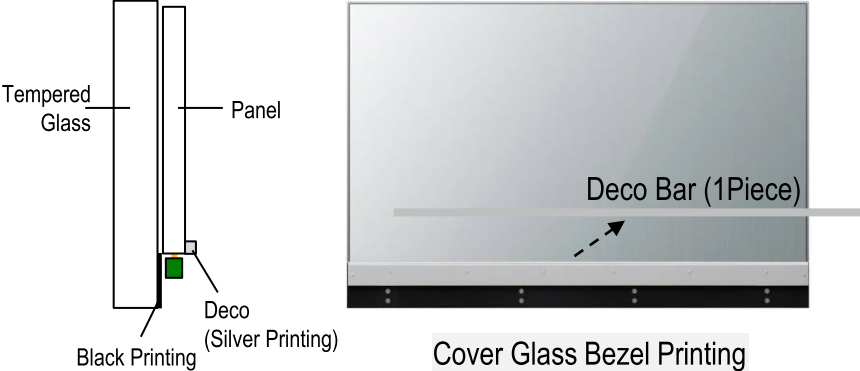
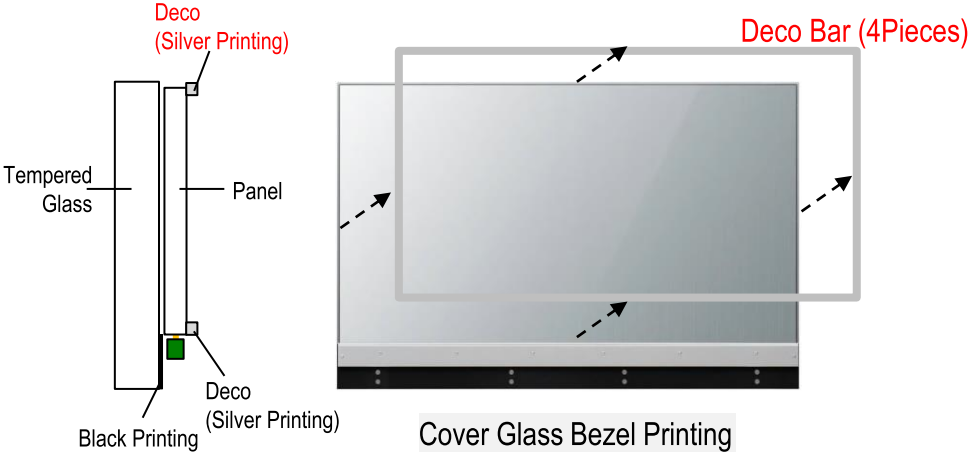


5. Seamless like Design

In order to prevent distraction by mirror bezel when viewing content, we propose a design that deletes the bezel color and exposes the panel bezel itself

Model name	55EW5F-A	55EW5G-A	✓ 55EW5G-V
Bezel Color	Mirror printing	Delete mirror printing	Delete mirror printing
Release Time	`19.4	`20.9	`21.3
Front (Top)			
Rear (Top)			

3. USP

	55EW5G-A	55EW5G-V
Front	 <p>Cover Glass Bezel Printing Top/Left/Right : Transparent(Deco "O") Bottom : Black (Deco "X")</p>	 <p>Cover Glass Bezel Printing Top/Left/Right : Transparent (Deco "O") Bottom : Black (Deco "O")</p>
Rear	 <p>Tempered Glass Panel Deco (Silver Printing) Black Printing <Side></p> <p>Deco Bar (1Piece)</p> <p>Cover Glass Bezel Printing Top/Left/Right : Transparent(Deco "X") Bottom : Black (Deco "X")</p>	 <p>Deco (Silver Printing) Tempered Glass Panel Deco (Silver Printing) Black Printing <Side></p> <p>Deco Bar (4Pieces)</p> <p>Cover Glass Bezel Printing Top/Left/Right : Transparent (Deco "O") Bottom : Black (Deco "O")</p>

4. General Features

55EW5G-V

	LGE (55EW5G-V)
Size, Resolution	55", FHD
Brightness (Panel)	150/400nit (APL 100%/25%)
Transparency (Panel)	38%
Bezel(T/R/L/B)	7.9mm /7.9mm/7.9mm/121.7mm
Dimensions (W x H x D)	Landscape : 1225.5 x 810.1 x 6.6 (Head) * Signage Box : 782.8 x 238.4 x 34.7 mm
Weight	11.7Kg (Head) 3.4Kg (Signage Box)
Warranty	3 years
Recommended Usage	18hrs/7day
Life time	30,000hrs
Protection Glass	O
Surface Treatment	AR+UV Cutting
OS	webOS4.0
SW	SuperSign / Signage 365 Care
DPM	O
Wake on LAN	O
FAN	X
Power Consumption	280W (Max) 250W (Typ.)
Interface	HDMI IN DP IN / DP OUT USB IN(2ea) LAN IN / Lan OUT RS-232C IN / RS-232C Out IR IN AUDIO OUT

Strong Point

• Design Flexibility

- Slim and Light
- Offering design flexibility using separated signage box

• Reliability

- UV Protection on the front side
- Operation hour
- 3years product warranty

• Signage dedicated Feature

- Smart platform (webOS)
- Remote management and monitoring (SuperSign / Singage 365Care)
- DPM, WOL

5. Dimension (Panel)

55EW5G-V

Position		Dimension (mm)
Module	A1	1,225.5
	A2	810.1
	A	6.6
Bezel	B1	7.9
	B2	121.7
Mount hole	C1	1,000
	C2	25



5. Dimension (Signage Box)

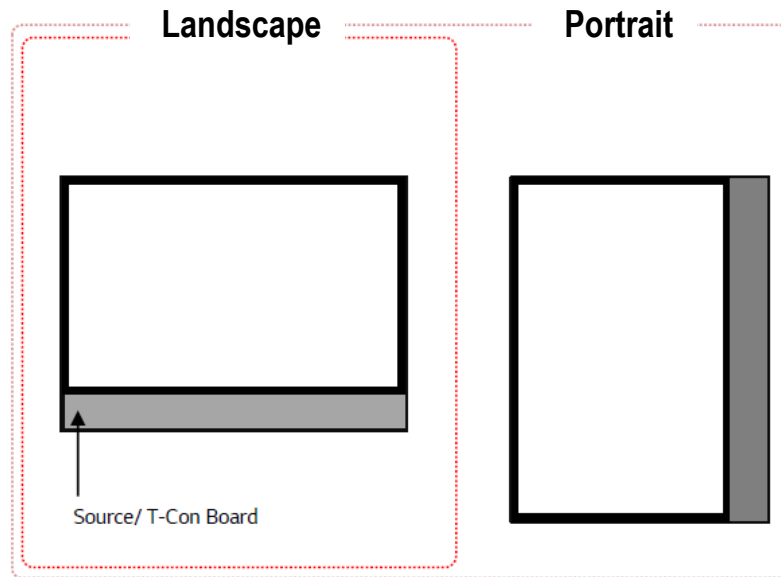
Signage box dimension: 782.8 x 238.4 x 34.7mm



6. Accessory (Tiling Accessory kits)

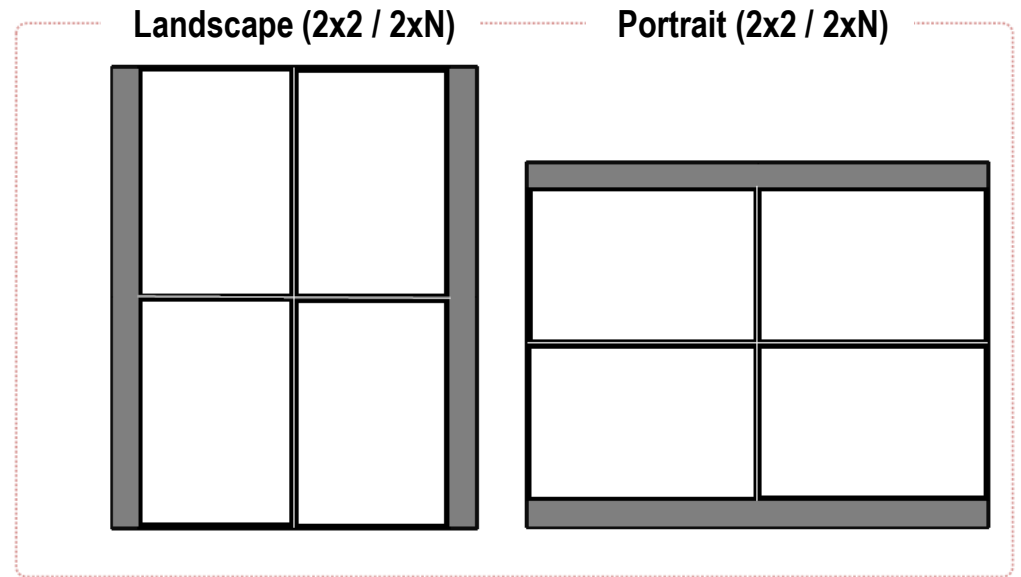
ACC-V-EW5F

Single Type



Tiling Type

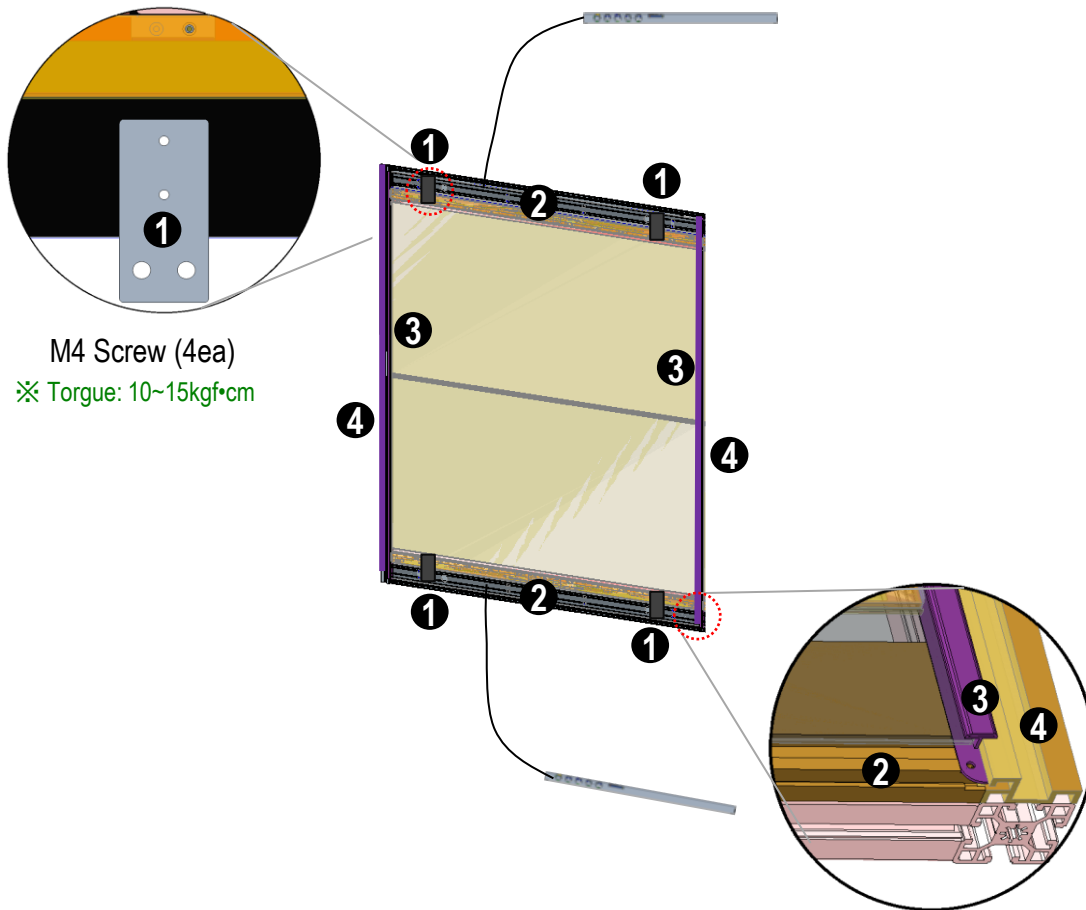
Additional accessory kits are required for tiling installation.







6. Accessory (Tiling Accessory kits)

ACC-V-EW5F

PO units : 2x1 Tiling

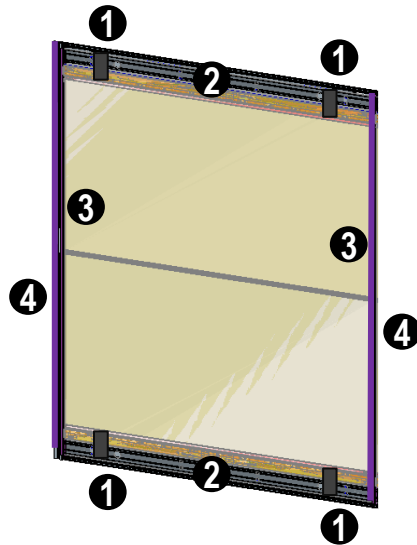


1 Acc. Kits(ACC-V-EW5F) for 2X1 Tiling

- ① Module Fixing Bracket (4ea) 
- ② Vertical Frame 2ea 
- ③ Rigid Bar 2ea 
- ④ Horizontal Frame 2ea 

6. Accessory (Tiling Accessory kits)

ACC-V-EW5F



Acc. Kits for 2x1 Tiling

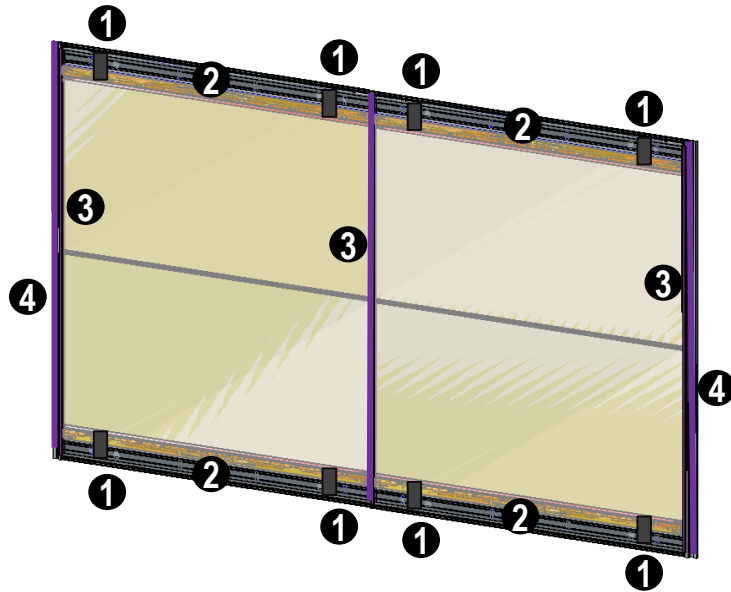
No.	Item	1 Box Quantity
①	Module Fixing Bracket	4
②	Vertical Frame	2
③	Rigid Bar	2
④	Horizontal Frame	2

Remained Acc. after installation

No.	Item	Quantity
①	Module Fixing Bracket	0
②	Vertical Frame	0
③	Rigid Bar	0
④	Horizontal Frame	0

6. Accessory (Tiling Accessory kits)

ACC-V-EW5F



Acc. Kits for 2x2 Tiling

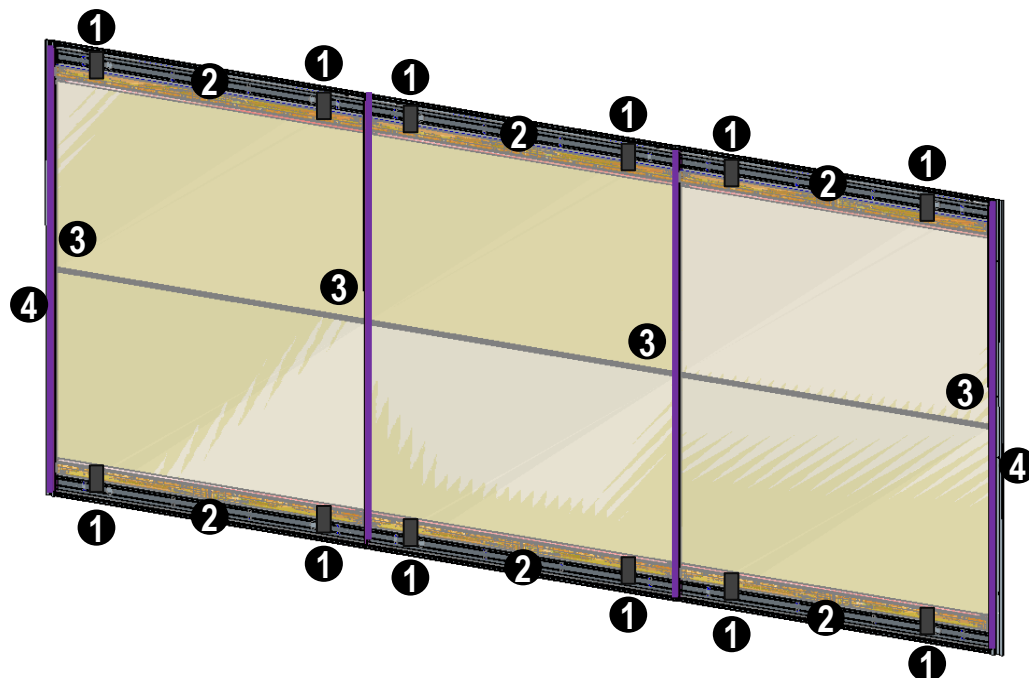
No.	Item	1 Box	1Box	Total Quantity
❶	Module Fixing Bracket	4	4	8
❷	Vertical Frame	2	2	4
❸	Rigid Bar	2	2	4
❹	Horizontal Frame	2	2	4

Remained Acc. after installation

No.	Item	Quantity
❶	Module Fixing Bracket	0
❷	Vertical Frame	0
❸	Rigid Bar	1
❹	Horizontal Frame	2

6. Accessory (Tiling Accessory kits)

ACC-V-EW5F



Acc. Kits for 2x3 Tiling

No.	Item	1 Box	1Box	1Box	Total Quantity
❶	Module Fixing Bracket	4	4	4	12
❷	Vertical Frame	2	2	2	6
❸	Rigid Bar	2	2	2	6
❹	Horizontal Frame	2	2	2	6

Remained Acc. after installation

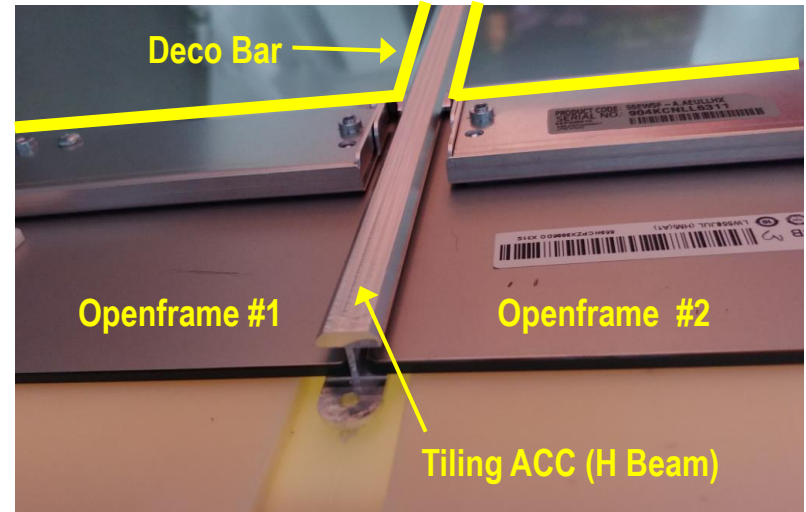
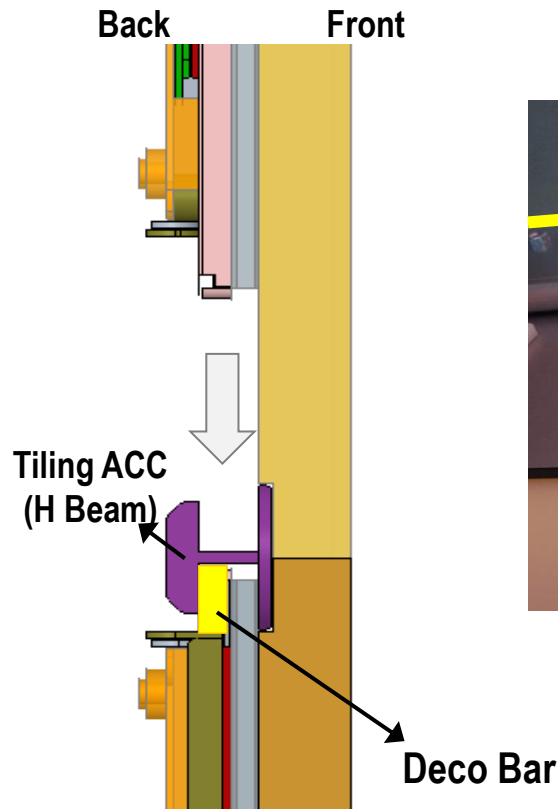
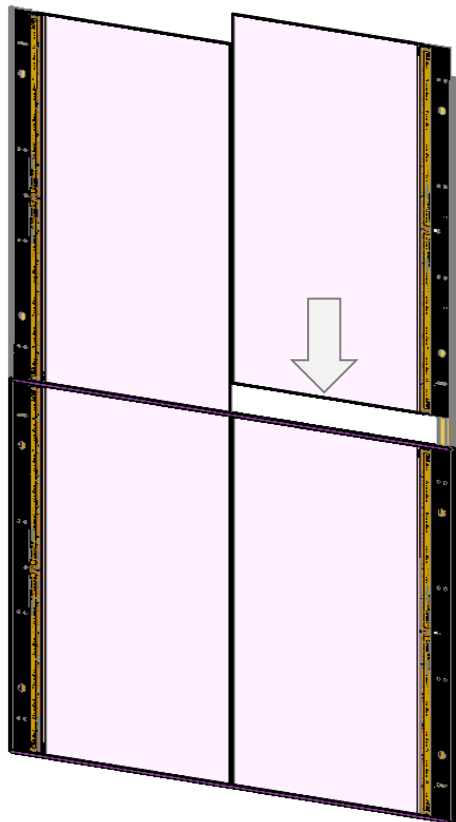
No.	Item	Quantity
❶	Module Fixing Bracket	0
❷	Vertical Frame	0
❸	Rigid Bar	2
❹	Horizontal Frame	4

6. Accessory (Tiling Accessory kits)

2x2 Tiling installation

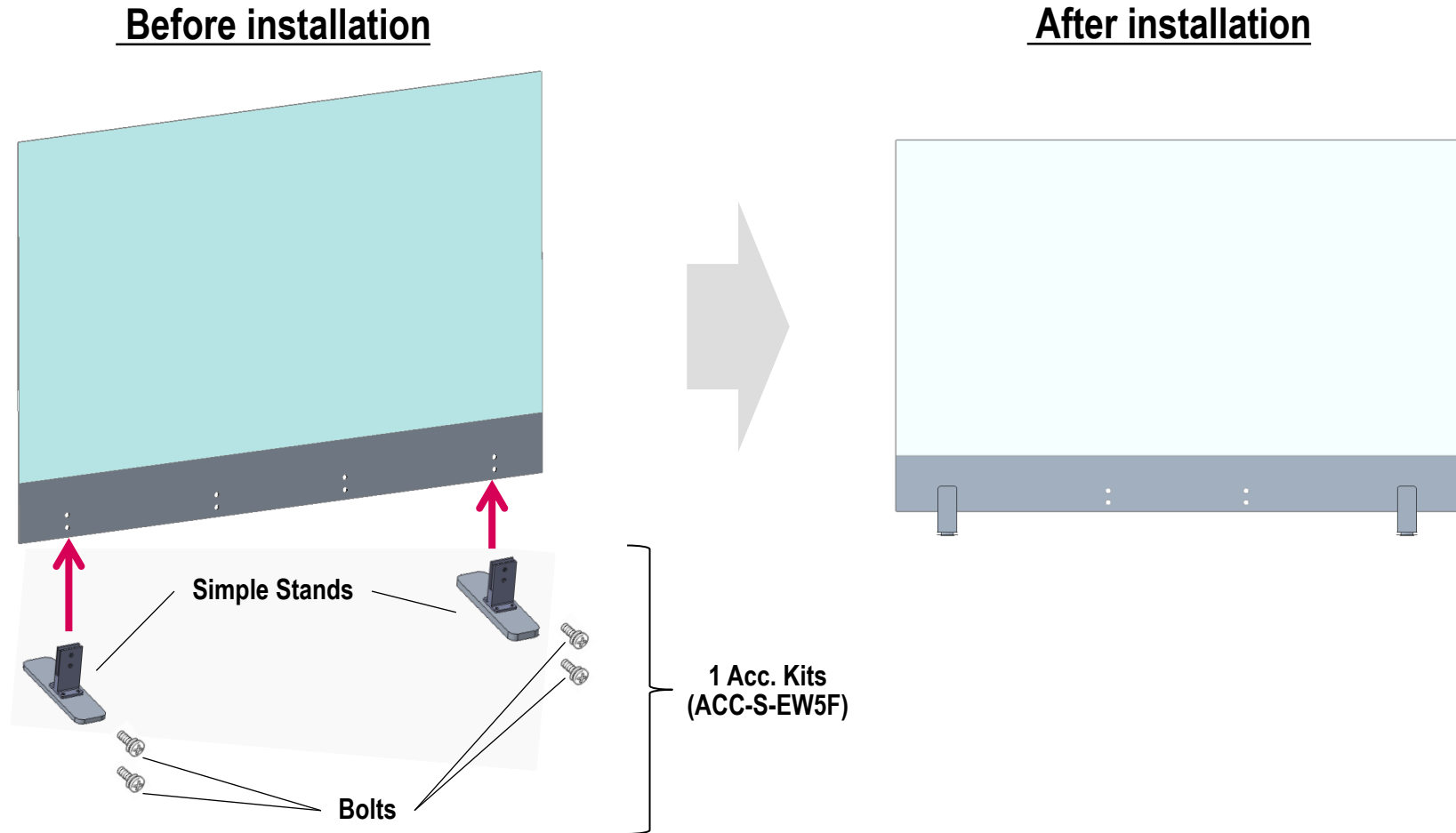
Rear combined image

Rear



6. Accessory (Simple Stand)

Before installing the Transparent OLED Open Frame, you can purchase a simple stand accessory for the test or demonstration



Innovation for a Better Life

Contact Point

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