



* All images in this datasheet are for illustrative purposes only and may differ from the actual product.

Transparent LED Film LAT140

Bring New Life to Transparent Space



Superb Transparency



Self Adhesive



Easy Expandability



Enhanced Brightness



Product Reliability

A NATURAL BLEND WITH SPACE



Superb Transparency

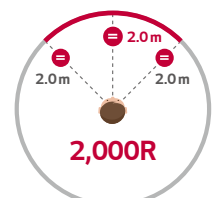
The LG Transparent LED film reflects the object behind the product even after the product is attached and turned off. This offers a wide-open view while blending into existing interior design smoothly and delivers various information effectively by attracting the attention of passersby.



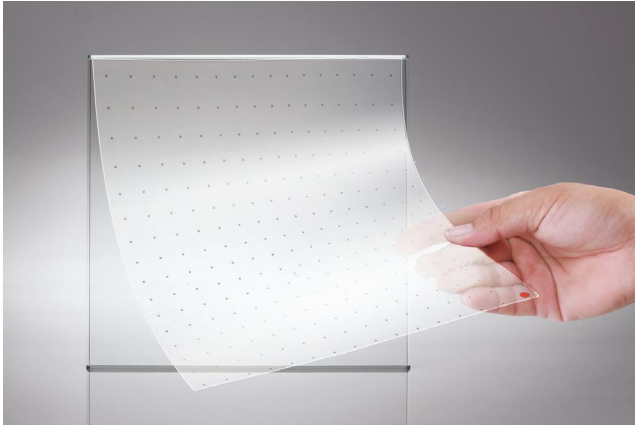
Fitting in with Flats and Curves

The LG Transparent LED film supports curvatures up to 2,000R convex and concave for curved glass or window applications, and offers even surface by durable, transparent layers. This allows a wide range of venues to be redesigned with the LAT140 as a landmark.

What is R?

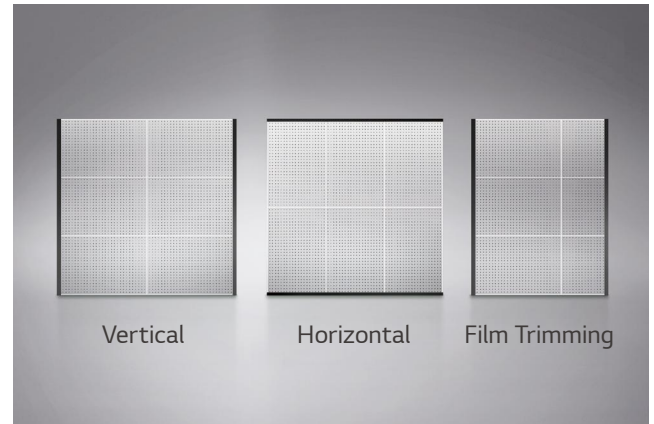


EASY SPACE INNOVATION



Self-adhesive Film

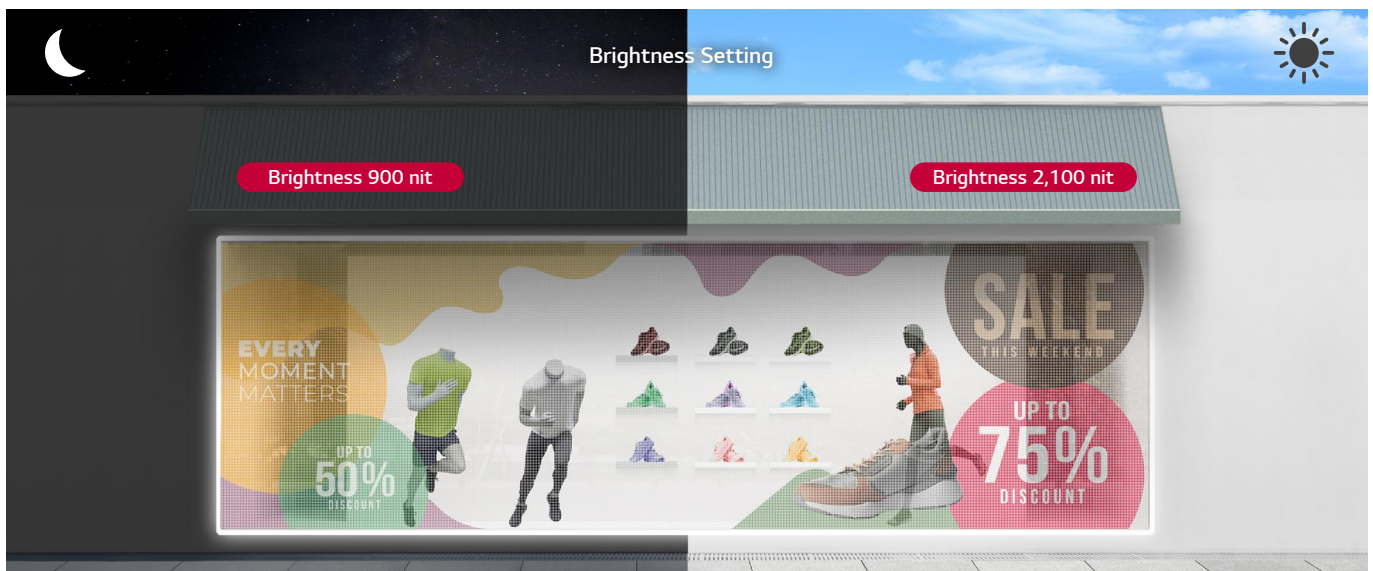
The LG Transparent LED film is self-adhesive, so it can be easily attached to the surfaces of existing window glass without the need for any complicated construction.



Outstanding Expandability and Flexibility

The size and layout of the film can be customized to fit into the installation area. It can be expanded by adding more films in a vertical or horizontal way, or cut in parallel with the bezel to meet size requirements.

EYECATCHING CONTENT DISPLAY



Enhanced Brightness and Control

The LED film with smaller pixel pitch, 14mm, and advanced brightness of up to 2,100nit(cd/m²)* attracts the attention of passersby while displaying a wide range of colors. Also, by using Control Manager solution, you can adjust and set brightness by timeline to deliver messages with optimal brightness.

* The examined brightness may differ from testing environments including a photometer.

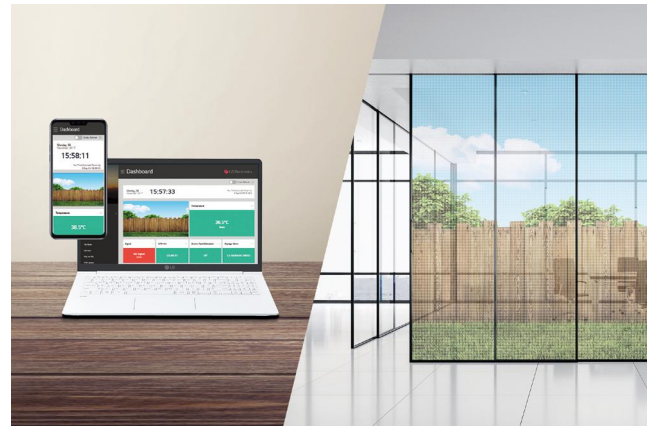
SMART LED SIGNAGE



webOS Smart Platform

LG webOS is a web-centric platform, making it easier for SIs and developers to build web-based solutions according to various environments. By supporting SCAP and compatibility with HTML, CSS, and JavaScript, you can save time and labor costs.

* webOS API will be provided to authorized SIs and developers.



Control Manager

Through the Control Manager, available on internet-connected devices, you can set, control contents and monitor the status of multiple displays in different locations in real time. Especially for Transparent LED film installed on large area, the Control Manager helps you to play and check contents in easier way.



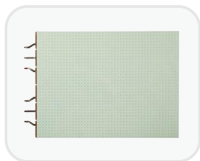
Real-time ConnectedCare Service

Maintenance is easy and fast with the optional ConnectedCare* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.

* ConnectedCare is the brand name of LG Signage365Care Service. The availability differs by region.

COMPONENTS & SYSTEM CONNECTION

Components



1. LED Film



2. Bezel Kit



3. Power Adapter



4-1. Unit Controller



4-2. System Controller



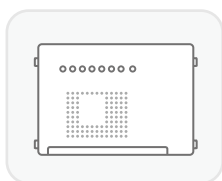
5. One Box Controller

* The required amount of components vary depending on the screen size.

* One Box Controller can replace Unit Controller and System Controller when install within 75 sheets of film.

System Connection

① Install more than 75 units

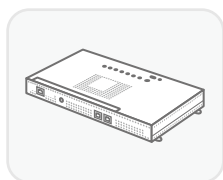


System Controller



Unit Controller
(Supports up to ¼ FHD)

② Install up to 75 units



One Box Controller



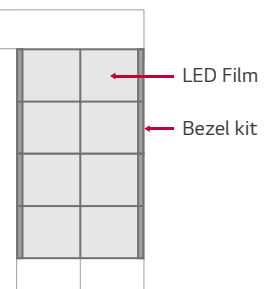
Power Adapter
x2EA



Ethernet Switch
(Optional)

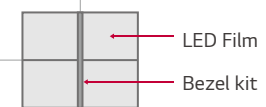


Power Adapter



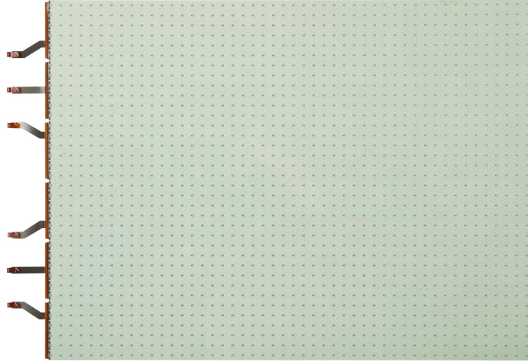
① Assemble bezel kit on both sides

② Assemble bezel kit in the center



* The actual system structure may be subject to change from the above example.

PRODUCT INFORMATION



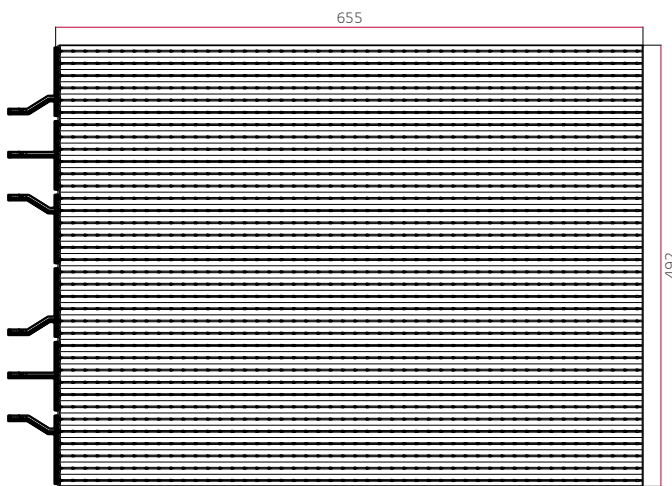
LAT140

Pixel Pitch	14 mm
LED Type	3 in 1 SMD
Brightness	2,100 cd/m ² (Typ.)
Transmittance	53%
Curvature (Concave and Convex)	2,000R

DIMENSION

(unit: mm)

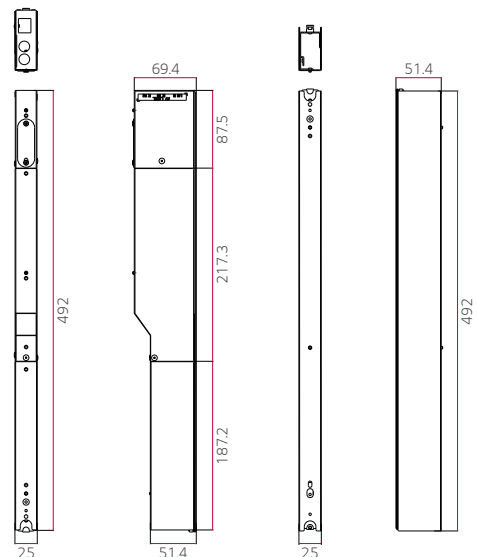
Transparent LED Film Panel



Bezel Kit

1st Bezel

Common Bezel



* Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.



Download
LG C-Display+
Mobile App
Google Play Store

www.lg.com/global/business/information-display
www.youtube.com/c/LGCommercialDisplay
www.facebook.com/LGInformationDisplay
www.linkedin.com/company/lginformationdisplay
twitter.com/LG_ID_HQ

LG may make changes to specifications and product descriptions without notice. Copyright © 2021 LG Electronics Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. The names of products and brands mentioned here may be the trademarks of their respective owners.

