



Y O U
D R E A M
W E
L I G H T

LG Display OLED Light



Contents

| | | | |
|----|---------------------------------|----|------------------------------------|
| | 01. | | 04. |
| | Benefits of OLED Light | | Luminaires |
| 06 | Premium Light Quality | 54 | OLED MODI |
| 08 | Truly Flexible | 56 | OLED CLASSIC |
| 10 | Extremely Thin & Light | 58 | OLED SKY |
| 12 | Natural Light | 60 | OLED FRAME |
| 14 | Excellent Color Rendering | 62 | DIY KIT |
| | 02. | | 05. |
| | OLED Light Panels | | OLED Installation Projects |
| 18 | Circular | 66 | Seoul National University Library |
| 19 | Square | 67 | Belpport Beauty Store |
| 20 | Rectangular | 68 | Marley Coffee Café |
| 22 | Flexible | 69 | Tincan Restaurant |
| | 03. | | Traditional Korean "hanok" houses |
| | OLED Solution | 70 | Private Residential(Dressing room) |
| 26 | Transparent Connection Solution | 71 | OLED Light Office |
| 36 | Flexible Solution | 72 | OLED Showroom |
| 40 | Mirror Solution | | |
| 42 | Module Solution | | |

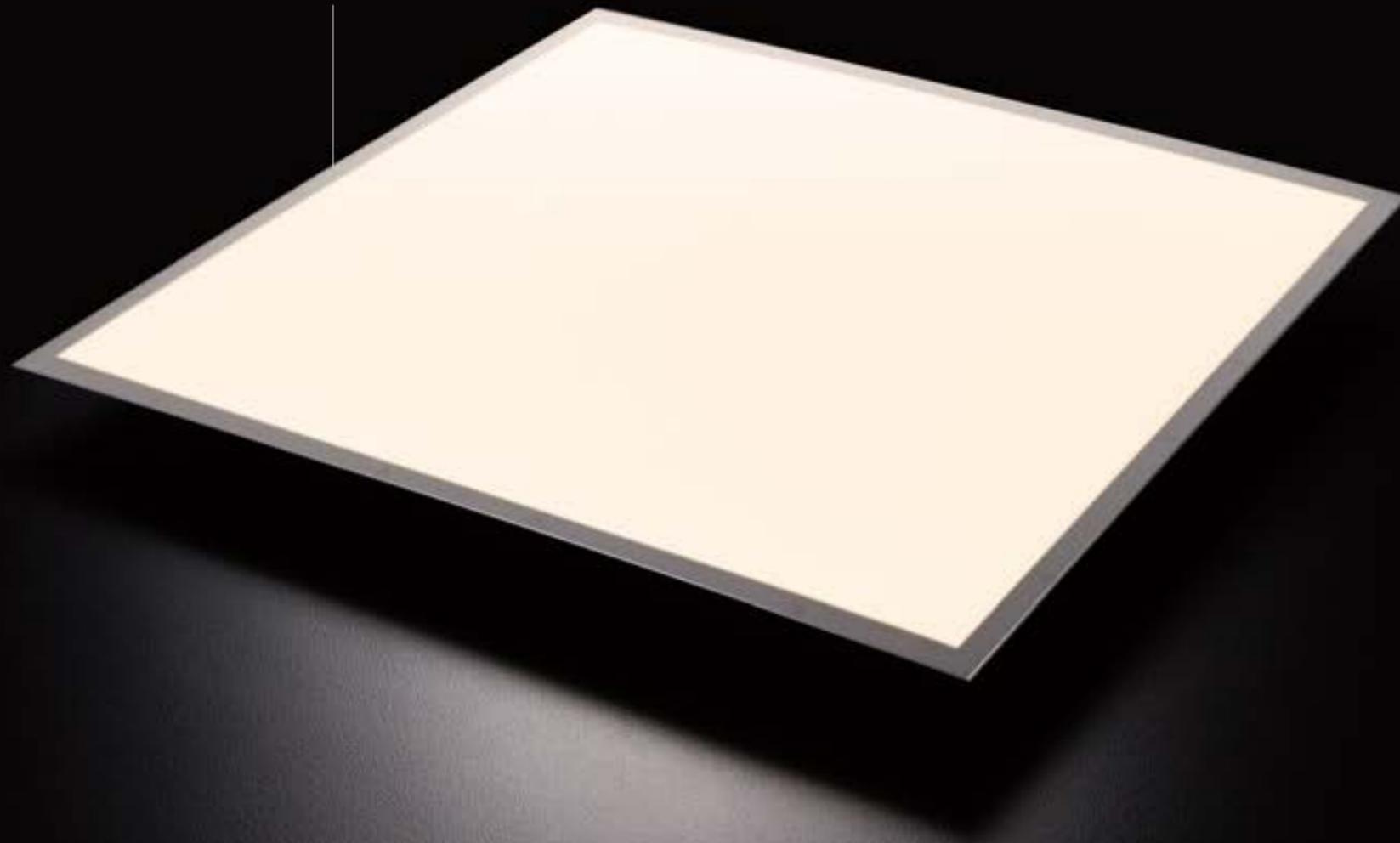
01

Benefits of OLED Light

OLED is an Area Light Source

OLED(Organic Light Emitting Diode) is an organic material-based light source.

OLED is a new form of lighting technology, an "area light source" that offers totally uniform, smooth and visually comfortable light with low glare and shadow thereby reducing eye fatigue. LG Display's OLED lights provide an excellent option for the lighting designer, specifier and architect seeking aesthetic pleasure as well as design flexibility. The OLED panels are safe to handle as it produces very low heat (<35°C). This means a person can be close to an OLED lighting panel without suffering any discomfort.



Premium Light Quality

OLEDs produce bright illumination that is at the same time soft and evenly diffused. As such, OLEDs create a pleasant atmosphere.

Truly Flexible

The flexibility of the OLEDs revolutionizes the existing concepts of light sources. "Truly Flexible" technology further enhances the creativity of the lighting designers and architects.

Flexible

20_{mm}[R]

Light

5_g

Thin

0.41_{mm}

Specifications based on LL081FR1-63P1-OY1 panel.

Extremely Thin & Light

Its slim structure and super-light weight allow for far greater freedom for interior design, shop fitting, and architecture as well as other fields that are open to the future use of OLED.

Thickness

0.88_{mm}

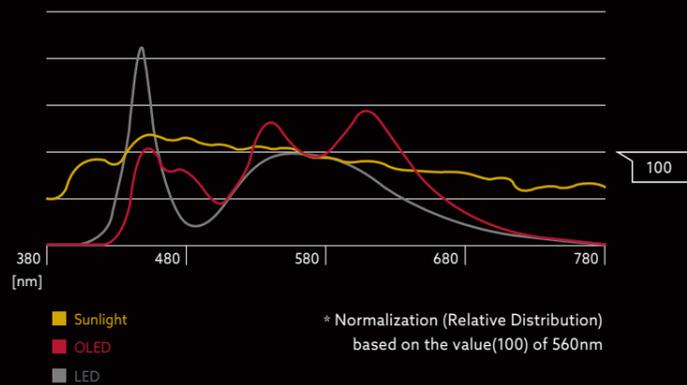
Weight

<20_g

Specifications based on LL055RS1-63P1-OY1 panel.

Natural Light

Among all high-efficiency/eco-friendly lighting sources, OLEDs have the closest spectral power distribution to natural light. This creates emotional comfort and is ideal for places where natural light is unavailable or for places where good quality light is needed.



No UV

UV light from artificial sources are sometimes used for beneficial purposes, such as for growing plants. However, UV light also damages the skin and can attract insects. OLEDs are completely free of UV light.

No Blue Light Risk

OLEDs, unlike LEDs, do not carry any blue light risk that can cause retinal damage leading to weakening or loss of vision.

Excellent Color Rendering

CRI90⁺

CRI (Color Rendering Index) is an important indicator for the quality of the light source. OLEDs have excellent color rendering with CRI up to above 90.



Low CRI

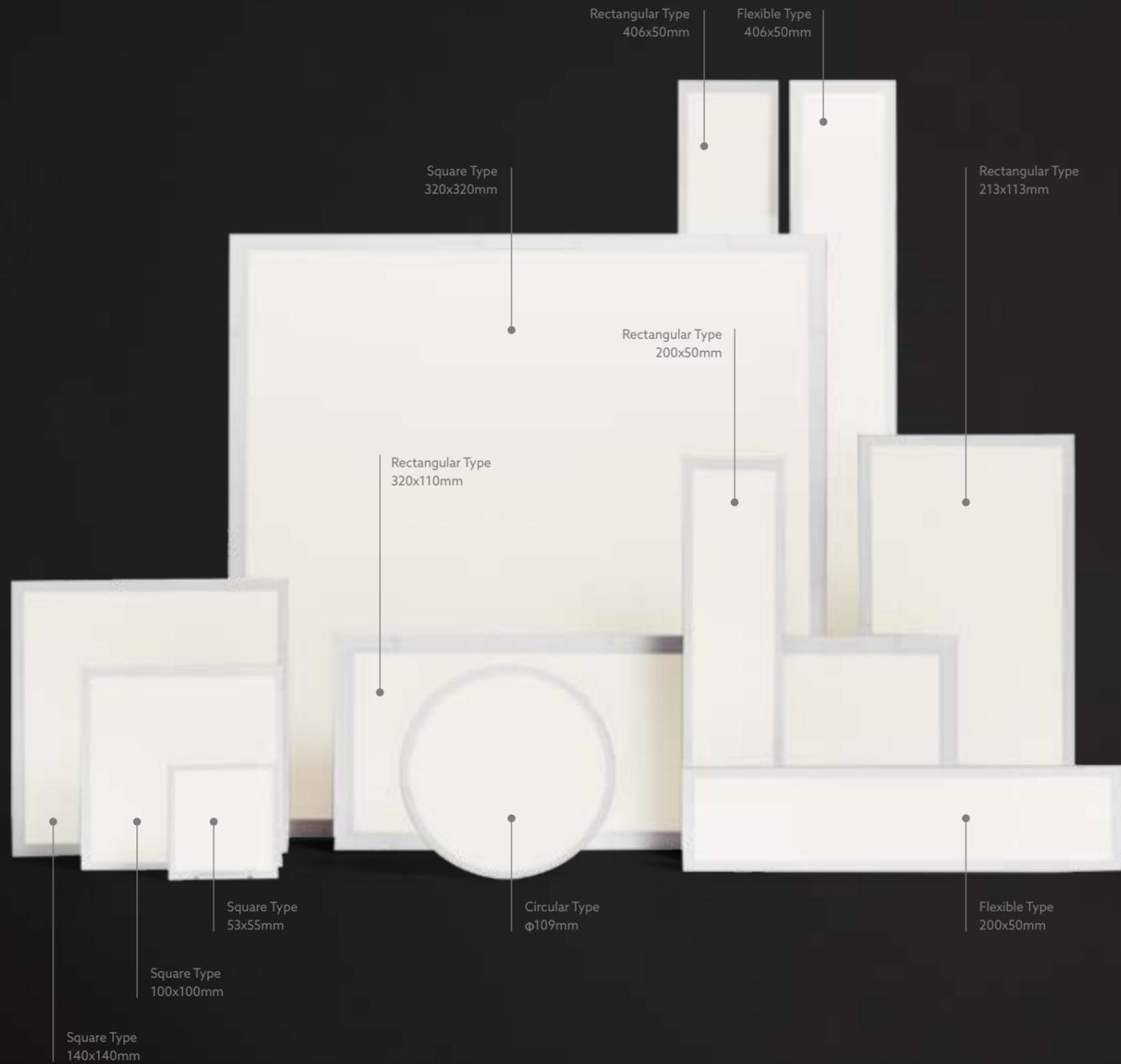


High CRI

02

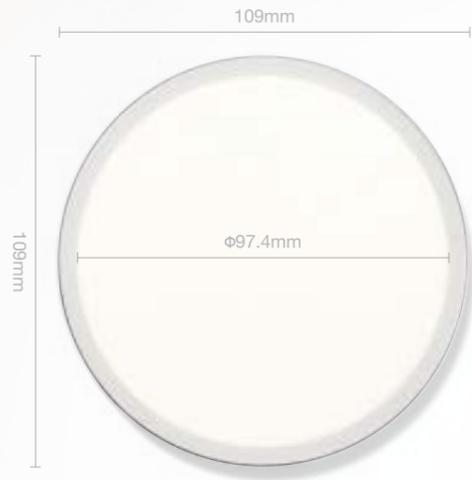
OLED Light Panels

LG Display offers OLEDs in a variety of shapes and sizes. Eleven different models are available in various color temperatures.



CIRCULAR TYPE

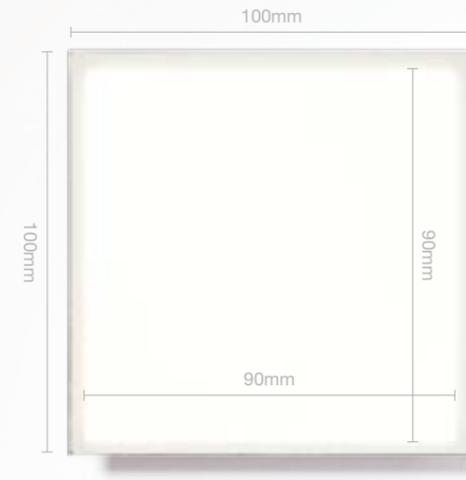
Φ 109mm



| MODEL | LL043RC1-62P1-OY1 | LL043RC1-63P1-OY1 | LL043RC1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 1.28 | 1.38 | 1.38 |
| Flux(lm) | 75 | 75 | 75 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 150 | 230 | 230 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 |
| Thickness(mm) | 0.80 | 0.80 | 0.80 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |

SQUARE TYPE

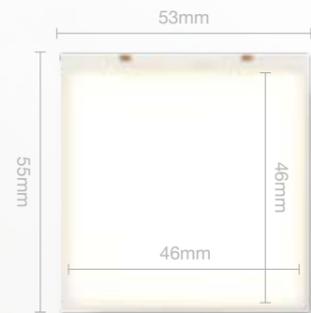
100 x 100mm



| MODEL | LL055RS1-62P1-OY1 | LL055RS1-63P1-OY1 | LL055RS1-64P1-OY1 | LL055RS1-92P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 | 2,700 |
| Power Consumption(W) | 1.28 | 1.38 | 1.38 | 0.85 |
| Flux(lm) | 75 | 75 | 75 | 75 |
| Efficacy(lm/W) | 60 | 55 | 55 | 90 |
| Voltage(V) | 8.5 | 6 | 6 | 8.5 |
| DC Current(mA) | 150 | 230 | 230 | 100 |
| CRI (Ra) | >87 | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 | >85 |
| Thickness(mm) | 0.88 | 0.88 | 0.88 | 1.97 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 | 40,000 |

SQUARE TYPE

55 x 53mm



| MODEL | LL030RS1-62P1-OY1 | LL030RS1-63P1-OY1 | LL030RS1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 0.34 | 0.36 | 0.36 |
| Flux(lm) | 20 | 20 | 20 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 40 | 60 | 60 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 |
| Thickness(mm) | 1.97 | 1.97 | 1.97 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |

The size of the panel will change to 50x50mm starting from 1Q, 2017.
(Samples are currently available upon request)

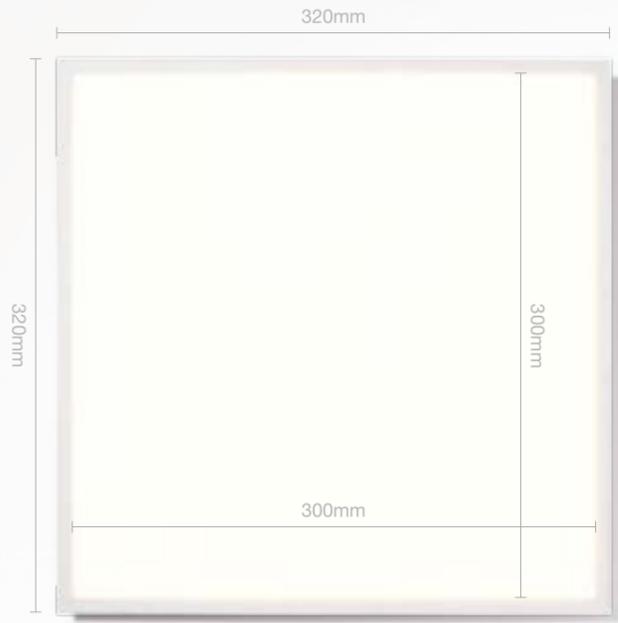
140 x 140mm



| MODEL | LL078RS1-62P1-OY1 | LL078RS1-63P1-OY1 | LL078RS1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 2.55 | 2.88 | 2.88 |
| Flux(lm) | 150 | 150 | 150 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 300 | 480 | 480 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 |
| Thickness(mm) | 0.88 | 0.88 | 0.88 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |

SQUARE TYPE

320 x 320mm



| MODEL | LL178RS1-62P1-OY1 | LL178RS1-63P1-OY1 | LL178RS1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 13.6 | 15 | 15 |
| Flux(lm) | 800 | 800 | 800 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 1,600 | 2,500 | 2,500 |
| CRI (Ra) | >85 | >85 | >85 |
| Uniformity(%) | >80 | >80 | >80 |
| Thickness(mm) | 0.88 | 0.88 | 0.88 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |

The size of the panel will change to 300x300mm starting from 1Q, 2017. (Samples are currently available upon request)

RECTANGULAR TYPE

406 x 50mm

The size of the panel will change to 400x50mm starting from 1Q, 2017. (Samples are currently available upon request)

| MODEL | LL161RR1-62P1-OY1 | LL161RR1-63P1-OY1 | LL161RR1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 2.64 | 2.88 | 2.88 |
| Flux(lm) | 150 | 150 | 150 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 310 | 480 | 480 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >80 | >80 | >80 |
| Thickness(mm) | 0.88 | 0.88 | 0.88 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |

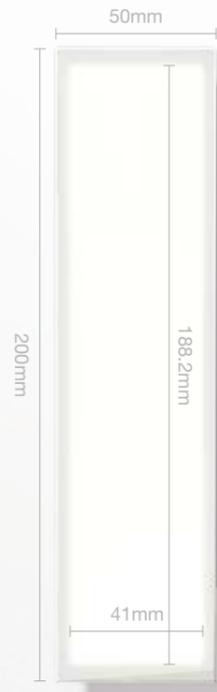
320 x 110mm

The size of the panel will change to 300x100mm starting from 1Q, 2017. (Samples are currently available upon request)

| MODEL | LL133RR1-62P1-OY1 | LL133RR1-63P1-OY1 | LL133RR1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 4.25 | 4.8 | 4.8 |
| Flux(lm) | 250 | 250 | 250 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 500 | 800 | 800 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 |
| Thickness(mm) | 0.88 | 0.88 | 0.88 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |

RECTANGULAR TYPE

200 x 50mm



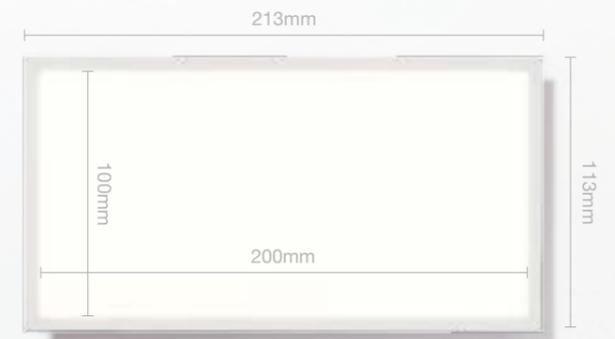
| MODEL | LL081RR1-62P1-OY1 | LL081RR1-63P1-OY1 | LL081RR1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 1.28 | 1.38 | 1.38 |
| Flux(lm) | 75 | 75 | 75 |
| Efficacy(lm/W) | 60 | 55 | 55 |
| Voltage(V) | 8.5 | 6 | 6 |
| DC Current(mA) | 150 | 230 | 230 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 |
| Thickness(mm) | 0.88 | 0.88 | 0.88 |
| LT70(hrs) | 40,000 | 30,000 | 30,000 |



213 x 113mm

The size of the panel will change to 200x100mm starting from 1Q, 2017. (Samples are currently available upon request)

| MODEL | LL095RR1-63P1-OY1 | LL095RR1-64P1-OY1 |
|----------------------|-------------------|-------------------|
| CCT(K) | 3,000 | 4,000 |
| Power Consumption(W) | 3.42 | 3.42 |
| Flux(lm) | 185 | 185 |
| Efficacy(lm/W) | 55 | 55 |
| Voltage(V) | 6 | 6 |
| DC Current(mA) | 570 | 570 |
| CRI (Ra) | >87 | >87 |
| Uniformity(%) | >85 | >85 |
| Thickness(mm) | 0.88 | 0.88 |
| LT70(hrs) | 30,000 | 30,000 |



**FLEXIBLE
TYPE**

The plastic-based flexible OLED panel has a bend radius of 20mm.
The panel does not shatter even when excessive force is applied.

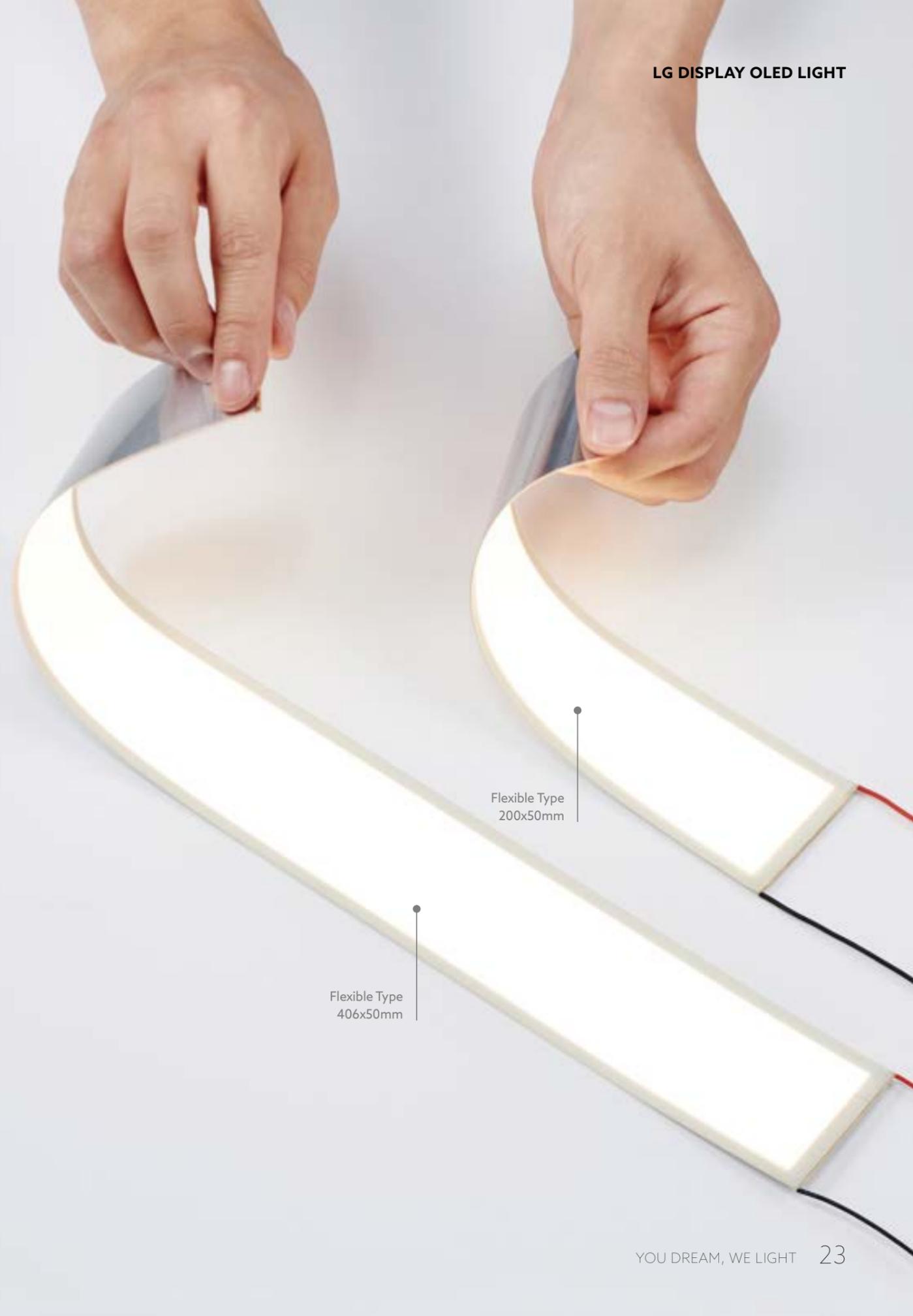
200 x 50mm

| MODEL | LL081FR1-62P1-OY1 | LL081FR1-63P1-OY1 | LL081FR1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 1.38 | 1.49 | 1.49 |
| Flux(lm) | 75 | 75 | 75 |
| Efficacy(lm/W) | 55 | 50 | 50 |
| Voltage(V) | 8.6 | 6.1 | 6.1 |
| DC Current(mA) | 160 | 245 | 245 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >85 | >85 | >85 |
| Thickness(mm) | 0.41 | 0.41 | 0.41 |
| LT70(hrs) | 30,000 | 20,000 | 20,000 |

406 x 50mm

| MODEL | LL161FR1-62P1-OY1 | LL161FR1-63P1-OY1 | LL161FR1-64P1-OY1 |
|----------------------|-------------------|-------------------|-------------------|
| CCT(K) | 2,700 | 3,000 | 4,000 |
| Power Consumption(W) | 2.84 | 3.11 | 3.11 |
| Flux(lm) | 150 | 150 | 150 |
| Efficacy(lm/W) | 55 | 50 | 50 |
| Voltage(V) | 8.6 | 6.1 | 6.1 |
| DC Current(mA) | 330 | 510 | 510 |
| CRI (Ra) | >87 | >87 | >87 |
| Uniformity(%) | >80 | >80 | >80 |
| Thickness(mm) | 0.41 | 0.41 | 0.41 |
| LT70(hrs) | 30,000 | 20,000 | 20,000 |

The size of the panel will change to 400x50mm starting from 1Q, 2017.
(Samples are currently available upon request)



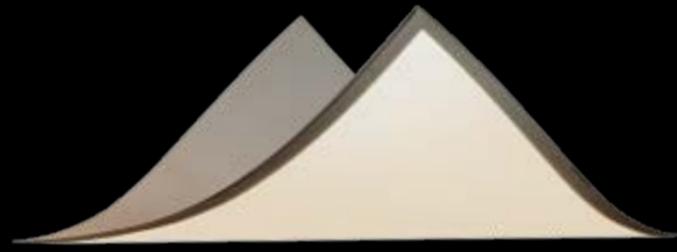
03

OLED Solution

LG Display offers four different solutions using LG Display OLED light panels to enhance the user experience of OLEDs. Each solution emphasizes different attributes of OLED light, generating additional values for the customers in various settings.



Transparent
Connection Solution



Flexible
Solution



Mirror
Solution



Module
Solution



Transparent Connection
 By attaching OLED light panels on glass and by providing power through transparent mesh conductive film, the OLED panel generates a floating light effect.



OLED Solution 1

Transparent Connection

The LG Display OLED light panel generates a floating light effect by attaching the panel to glass and providing power through metal mesh transparent conductive film. The OLED light panel generates a floating light effect.

TRANSPARENT CONNECTION SOLUTION

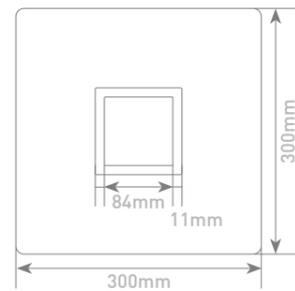
LG Display offers four types of Transparent Connection Solutions with different sizes. The wireless electric connection to the OLEDs creates a unique atmosphere when installed.



LG DISPLAY OLED LIGHT



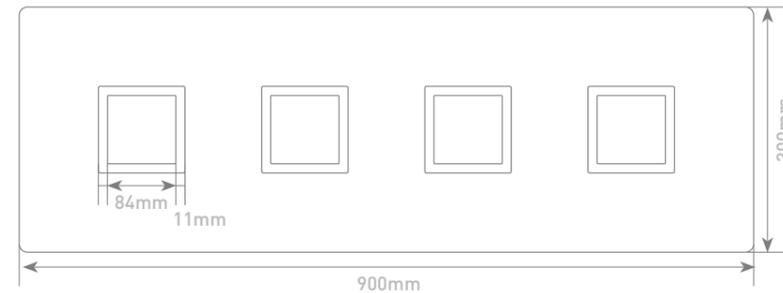
SQUARE TYPE



300 x 300mm

| INDEX | DATA |
|------------|--|
| Panel | LL055RS1-63P1-OY1 (100mm x 100mm - 1EA) |
| Voltage(V) | 8.5 |
| Current(A) | 150 |
| CCT(K) | 3,000 |

SQUARE TYPE

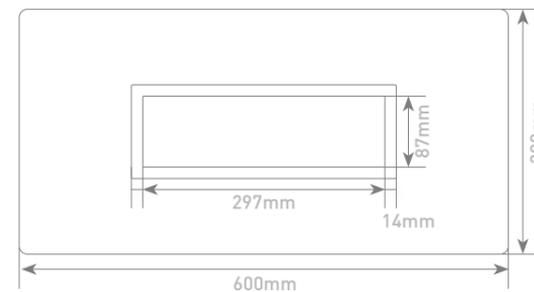


300 x 900mm

| INDEX | DATA |
|------------|--|
| Panel | LL055RS1-63P1-OY1 (100mm x 100mm - 4EA) |
| Voltage(V) | 34 |
| Current(A) | 150 |
| CCT(K) | 3,000 |



RECTANGULAR TYPE



300 x 600mm

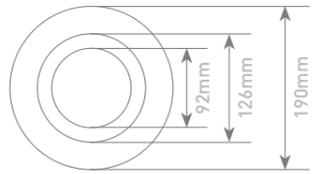
| INDEX | DATA |
|----------------|--|
| Panel | LL133RR1-63P1-OY1 (320mm x 110mm - 1EA) |
| Voltage(V) | 8.5 |
| DC Current(mA) | 500 |
| CCT(K) | 3,000 |



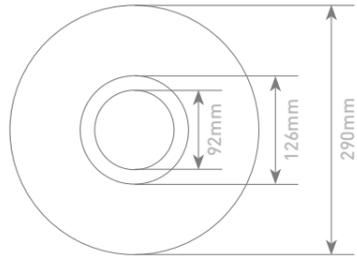
CIRCULAR TYPE



Φ190mm



Φ290mm



| Φ 190mm | INDEX | DATA |
|---------|------------|----------------------------------|
| | Panel | LL043RC1-63P1-OY1 (Φ100mm - 1EA) |
| | Voltage(V) | 6 |
| | Current(A) | 230 |
| | CCT(K) | 3,000 |

| Φ 290mm | INDEX | DATA |
|---------|------------|----------------------------------|
| | Panel | LL043RC1-63P1-OY1 (Φ100mm - 1EA) |
| | Voltage(V) | 6 |
| | Current(A) | 230 |
| | CCT(K) | 3,000 |



The transparent connections can be integrated into furniture.



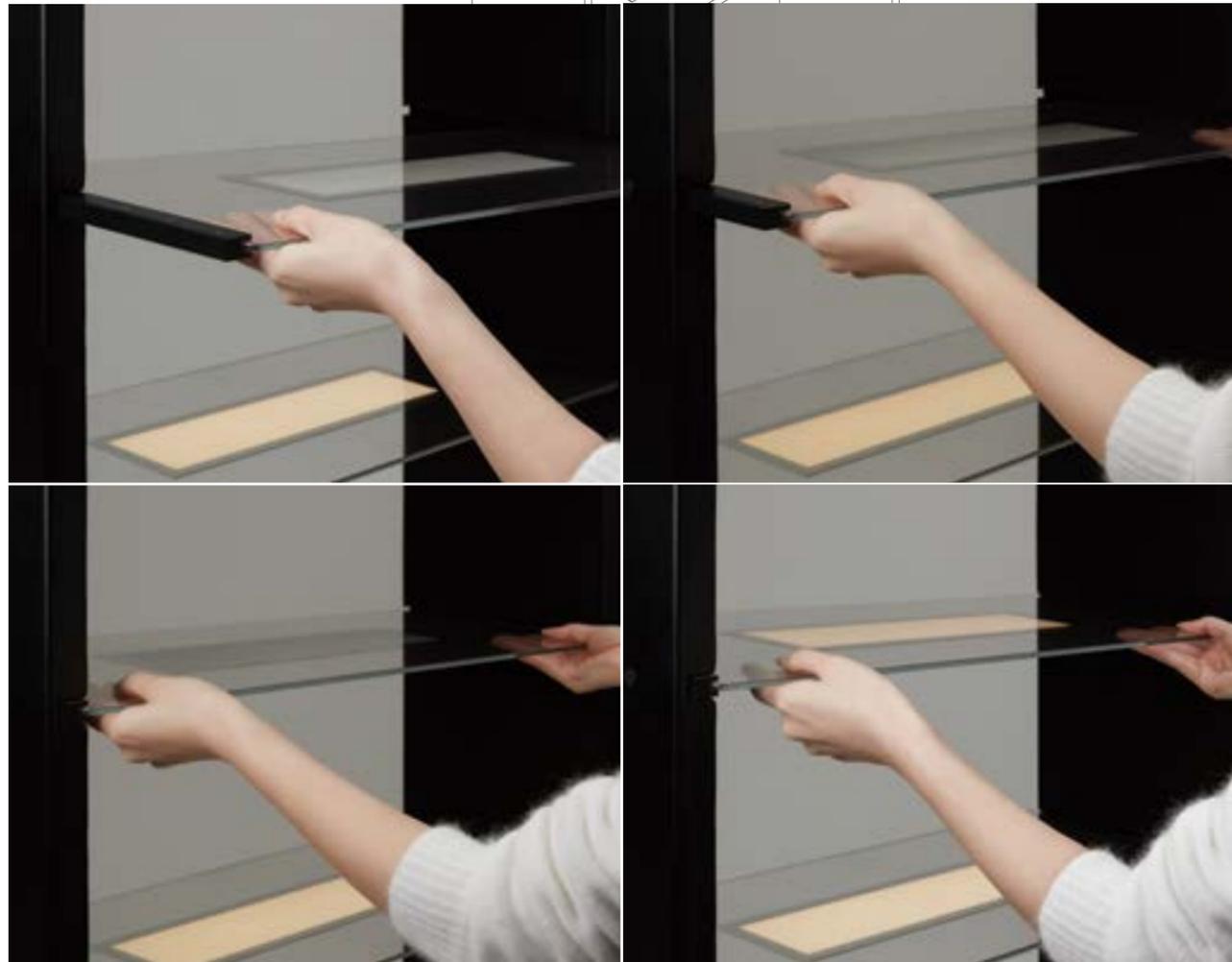
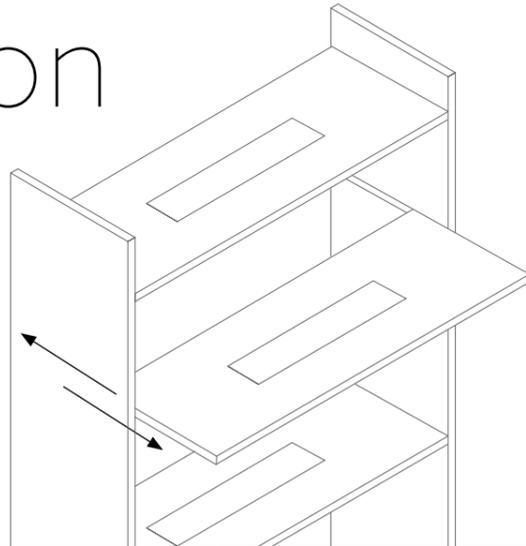
Display Fixture Application

Not only does the high CRI of the OLEDs bring out the true colors of the displayed products, but also the low-heat preserves the products in their best condition. Moreover, the cutting-edge design of the fixtures best suits high-end retail stores.



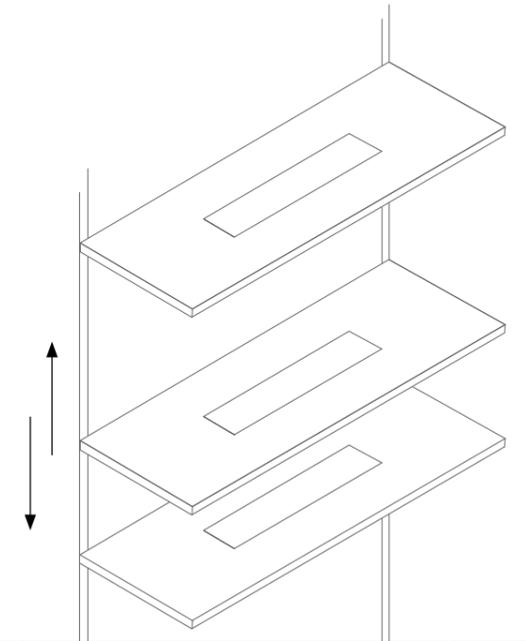
Shelf System Application

IN-OUT SLIDING SYSTEM



Developed and customized on a rack system, display shelves can easily be moved and placed where needed. With no visible wires, the new shelving system offers a more attractive way of displaying products.

UP-DOWN SLIDING SYSTEM





OLED Solution 2

Flexible

The OLEDs open up a whole new world of what you can do with light sources. The flexibility of the light source offers ultimate design freedom for designers and architects.

Luminaire Application

The flexible OLEDs can also be used to create unique and creative decorative lighting fixtures. The creativity in design increases along with the length of the panels.



The solution uses the LL161FR1-63P1-OY1 which is at 406x50mm, the longest flexible OLED light panel in the market.



Flexible Module DIY

The flexible OLED light panels are so light-weight and unshatterable that the panels can be simply attached to metal bars with magnets.



The flexible OLEDs can be integrated with fabric and used with interior materials. For example, the panels can be applied to rollable window screens.



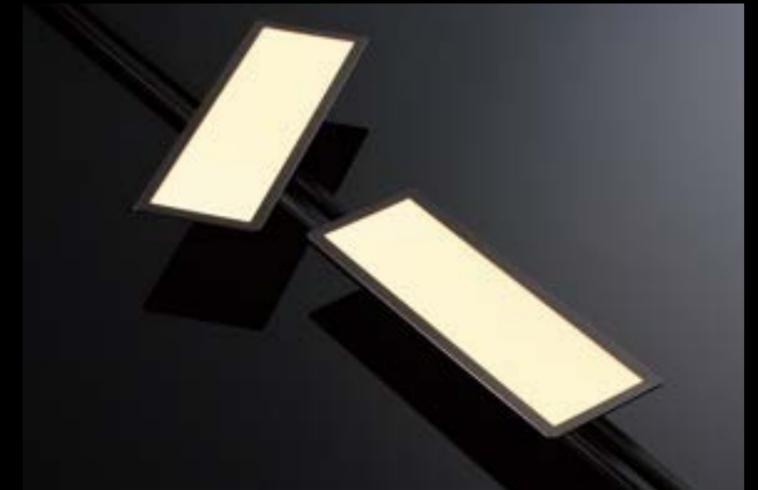
OLED Solution 3 Mirror

When an Optical Clear Film is removed, LG Display light panels are reflective. By embedding the OLEDs into a mirror, LG Display has created a new mirror solution for various uses.



With minimal glare and high CRI characteristics, the mirror itself can be a lighting fixture which has an outstanding color reproduction range.





OLED Solution 4 Module

The OLEDs open up a whole new world of what you can do with light sources. The OLEDs offers ultimate design freedom for designers and architects.



Rail Module

LG Display's OLED light modules are OLED track lightings with aluminum casing and an easy connecting solution on the back.



Track lights with OLEDs can be connected to commercially available tracks.

| INDEX | DATA |
|-----------------------|-------------------|
| Power Consumption (W) | 4.25 |
| Luminous Flux (lm) | 250 |
| Operating Voltage (V) | DC 12 |
| CRI (Ra) | >87 |
| CCT (K) | 3,000 |
| Dimension (mm) | W332 x L113 x H36 |
| Weight (kg) | 0.25 |
| Light Source | LL133RR1-63P1-OY1 |



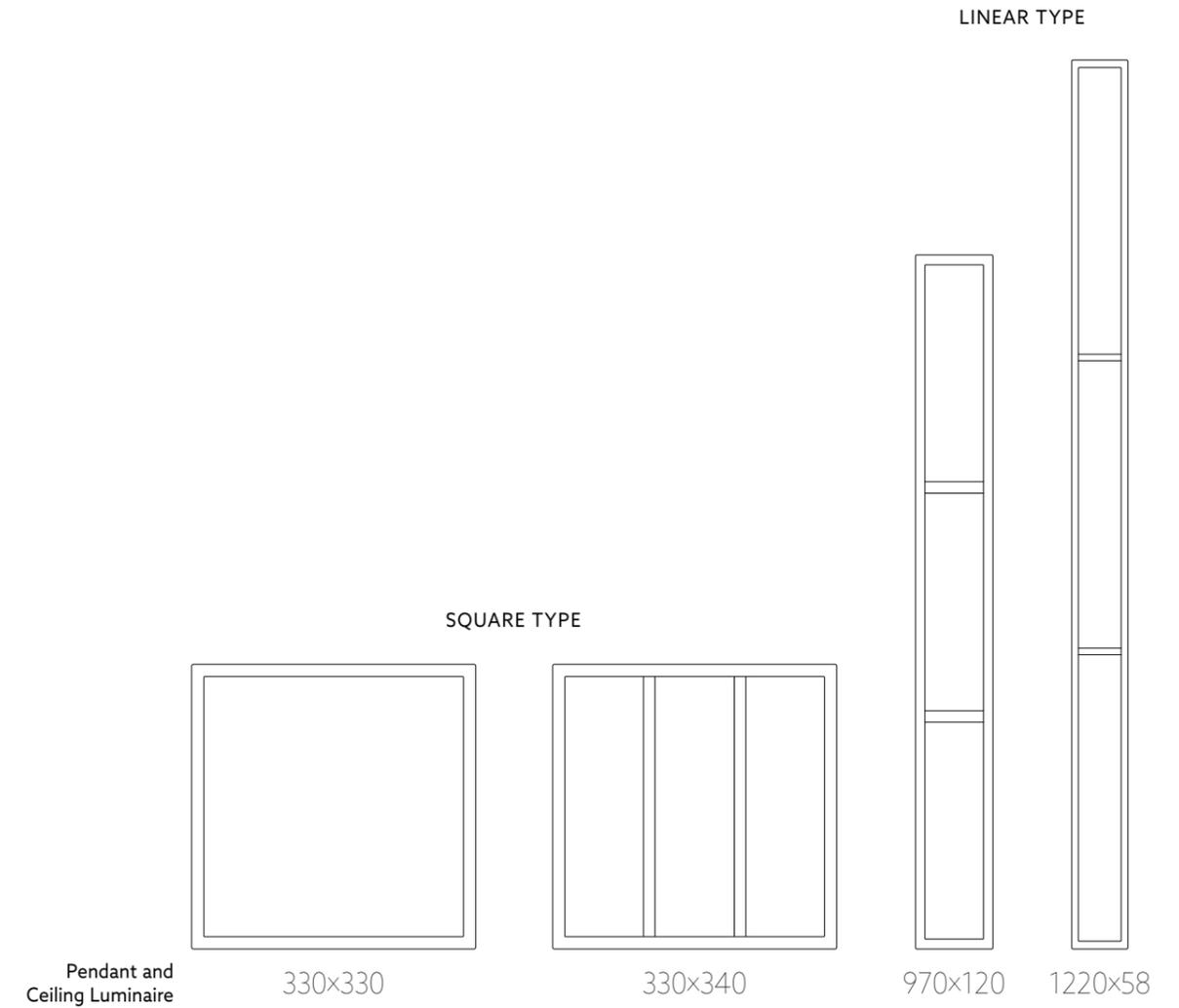


Thin and light OLED light modules create a modern and unique vibe around the room. The rotating option creates additional value to the product.



Light Module

Super-slim OLED light modules can be created with ultra-thin OLED light panels. The simple aluminum housing connects multiple OLED light panels into one module, generating a unique and sleek design.

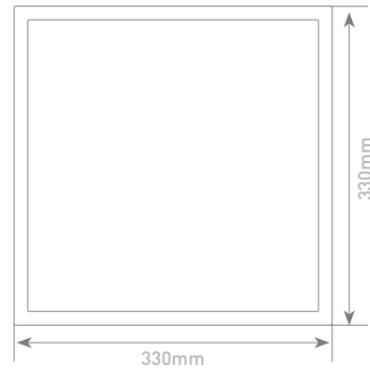


There are four different types of light module. Each can be attached directly to the ceiling, suspended from the ceiling, or used as shelf lighting just with slightly different mounting systems.

SQUARE TYPE

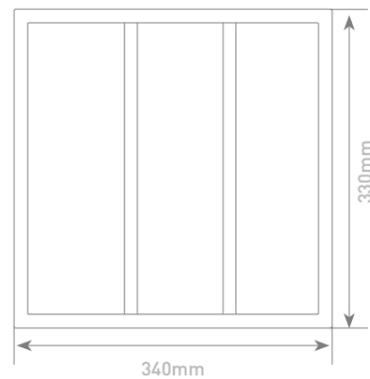
330 x 300 mm

| INDEX | DATA | DATA |
|----------------|--|--|
| CCT(K) | 3,000 | 4,000 |
| Panel | LL178RS1-63P1-OY1 (320mm x 320mm - 1EA) | LL178RS1-64P1-OY1 (320mm x 320mm - 1EA) |
| Voltage(V) | 6 | 6 |
| DC Current(mA) | 230 | 230 |



340 x 330 mm

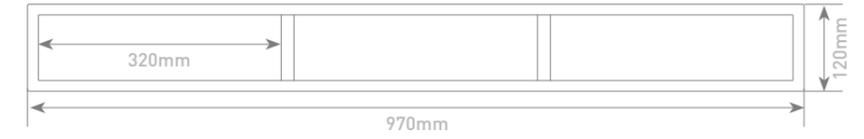
| INDEX | DATA | DATA |
|----------------|--|--|
| CCT(K) | 3,000 | 4,000 |
| Panel | LL133RR1-63P1-OY1 (320mm x 110mm - 3EA) | LL133RR1-64P1-OY1 (320mm x 110mm - 3EA) |
| Voltage(V) | 6 | 6 |
| DC Current(mA) | 800 | 800 |



RECTANGULAR TYPE

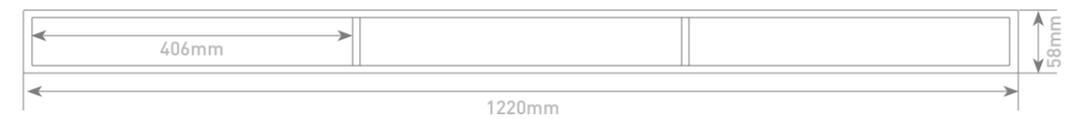
970 x 120 mm

| INDEX | DATA | DATA |
|----------------|--|--|
| CCT(K) | 3,000 | 4,000 |
| Panel | LL133RR1-63P1-OY1 (320mm x 110mm - 3EA) | LL133RR1-64P1-OY1 (320mm x 110mm - 3EA) |
| Voltage(V) | 6 | 6 |
| DC Current(mA) | 800 | 800 |



1220 x 58 mm

| INDEX | DATA | DATA |
|----------------|---|---|
| CCT(K) | 3,000 | 4,000 |
| Panel | LL161RR1-63P1-OY1 (406mm x 50mm - 3EA) | LL161RR1-64P1-OY1 (406mm x 50mm - 3EA) |
| Voltage(V) | 6 | 6 |
| DC Current(mA) | 480 | 480 |



04

Luminaires

LG Display offers OLED light fixtures to enhance the awareness of OLEDs. Starting from pendant ceiling type OLED luminaires to desk lamps and mood lamps, all of the luminaires are designed by LG Display. They have various uses including high-end hospitalities, retail stores, offices and more.





Available in two colors;
Black and White



OLED

MODI

The OLED MODI is a suspended OLED luminaire with a sleek and modern design, offering premium light quality. It can be hung just above the working area without any discomfort because the OLEDs emit very low heat. Also, the premium light quality without UV or Blue Light risk, generates a healthier working environment for the users.

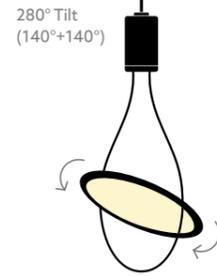


OLED MODI uses the world's largest OLED light panel at 320x320mm.

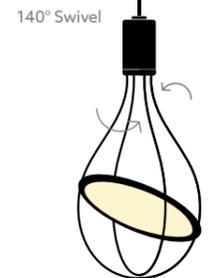
| INDEX | DATA |
|-------------------------|-------------------------|
| Power consumption (W) | 24 (5,000nit) |
| Luminous Flux (lm) | 1,330 |
| Operating Voltage (V/A) | DC 9(±5%)/ 2.7 |
| CRI (Ra) | >85 |
| CCT (K) | 2,700 |
| Dimension (mm) | L335.5 x W335.5 x H48.5 |
| Light Source | LL178RS1-63P1-OY1 |



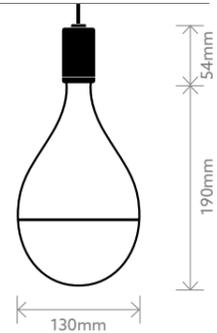
Single Frame



Double Frame



Dimensions



OLED

CLASSIC

The OLED CLASSIC is a re-imagining of the traditional incandescent light bulb, except that it contains the most advanced OLED light technology. Unlike the traditional incandescent light bulb, the OLED CLASSIC generates no uncomfortable glare or heat, has no hazardous materials, and has much higher efficiency.



"The Rebirth of the Classic Light Bulb," elegant yet contemporary, the OLED CLASSIC can be used as a stylish decorative lighting.

| INDEX | DATA |
|-------------------------|-------------------|
| Power consumption (W) | 3 (6,000nit) |
| Luminous Flux (lm) | 150 |
| Operating Voltage (V/A) | DC 6.5 / >0.46 |
| Input Voltage (V) | AC 220 V |
| CRI (Ra) | >87 |
| CCT (K) | 3,000 |
| Dimension (mm) | L130 X H244 |
| Light Source | LL043RC1-63P1-OY1 |

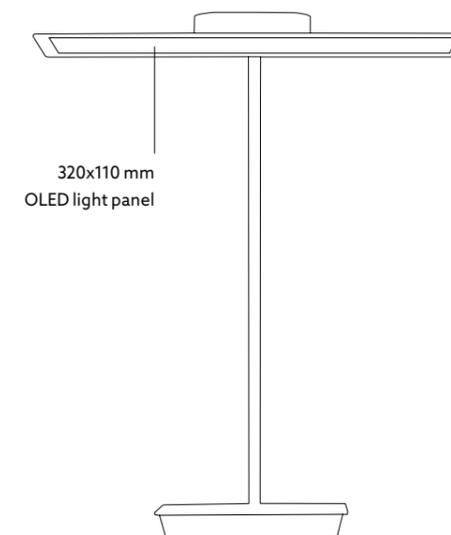


OLED

SKY

OLED SKY is an OLED desk reading lamp which is highly recommended for professionals who spend a great deal of time at their desks.

OLED SKY helps the users concentrate better as it emits a high quality light that does not straining their eyes.



| INDEX | DATA |
|-------------------------|---|
| Power Consumption (W) | Max. 11 |
| Luminous Flux (lm) | 250(mode 1) / 375(mode 2) / 500(mode 3) |
| Operating Voltage (V/A) | DC 12 / 3 |
| CRI (Ra) | >87 |
| CCT (K) | 3,000 / 4,000 |
| Dimension (mm) | W322 x L279 x H384 |
| Weight (kg) | 1.1 |
| Light Source | LL133RR1-63P1-OY1 / LL133RR1-64P1-OY1 |



The uniquely slim and minimal design of OLED SKY is only possible with the use of OLEDs.


OLED

FRAME

OLED FRAME is a portable and rechargeable luminaire with OLED light panels which deliver warm inspiration to the users. The design of OLED FRAME was inspired by the classic hand-carry lanterns. OLED FRAME has high CRI with no glare or UV which makes it a great bed-side reading lamp.

| INDEX | DATA |
|-------------------------|--|
| Power Consumption (W) | Max. 5.5 |
| Luminous Flux (lm) | 50(mode 1) / 150(mode 2) / 300(mode 3) |
| Operating Voltage (V/A) | DC 5 / 2 |
| CRI (Ra) | >87 |
| CCT (K) | 3,000 |
| Battery | Li-ion 3.8V, 2,460mAh x 2EA |
| Tilting Angle (°) | 142 |
| Dimension (mm) | W123 x L239 x H323 |
| Weight (kg) | 1.2 |
| Light Source | LL055RS1-63P1-OY1 |

Micro 5-pin Adaptor is recommended. Input: 110~240V, 50/60Hz Output: 5V/2A



OLED FRAME emits comfortable lighting without any blue light risk and is therefore less harmful for children's eye-sight.



DIY KIT

The LG Display OLED lighting DIY kit comes with two OLED light modules, an AC/DC driver and wires. The DIY kit emphasizes the simple plug-and-play element of LG Display's OLED light panels in order to enhance customers' satisfaction and user experience with OLED light.

| INDEX | DATA |
|--------------------------|--------------------------------|
| Power Consumption (W) | Max. 2.6 |
| Luminous Flux (lm) | 150 |
| Operating Voltage (V/Hz) | AC 100~240 / 47~63 |
| CRI (Ra) | >87 |
| CCT (K) | 2,700 |
| Dimension (mm) | W102 x L102 x H2 (OLED Module) |
| Weight (kg) | 0.3 |
| Light Source | LL055RS1-63P1-OY1 |

EXAMPLES MADE WITH LG DISPLAY OLED LIGHTING DIY KIT



[/lgoledlight](#)
Please visit LG Display OLED light Youtube page to watch the making films of the examples.



05

OLED Installation Projects

LG Display focuses on setting up reference cases where OLEDs are used in different segments. Starting from the library reading lights to heritage lighting, LG Display offers OLEDs in diverse sectors of the market where premium light quality is needed.



SEOUL NATIONAL UNIVERSITY LIBRARY

Seoul National University adopted OLED lighting for its library reading lights. It is one of the largest OLED lighting installations in the world with 1,100 OLED light panels. OLED light was chosen because of its unique design capabilities conformed with the library's modern interior design and because it is the most appropriate lighting for students as it provides a natural light that is comfortable to the eyes.



DESK LAMP
with 320x110mm
OLED light module



Aluminum selves with
200x50mm OLED light panels

BELPORT BEAUTY STORE



Belport is a multi-brand cosmetics retailer which chose to apply LG Display's OLED light panels in its flagship store in Myungdong, Korea's shopping mecca, because the absence of lack of heat from the panels helps preserve product quality while the lack of shadow makes them more visually appealing to customers. The LG Display OLED light panels are easily embedded in the store's aluminum shelves because they are thin and light. They also help reduce eye fatigue for customers and employees. This is the first application of OLED light panels in a multi-brand cosmetics shop in the worlds.

MARLEY COFFEE CAFÉ

The interior of Marley Coffee's first café in Seoul was inspired by the "One Love" philosophy of musician Bob Marley's family. LG Display OLED light panels were used to create a comfortable and relaxing atmosphere. Two 53x55mm OLED light panels were glued together to form a set of OLED light butterfly wings. The lighting is connected to motion sensors that make panels flutter when movement is detected. Usually this type of flickering can tire the eyes. However, by using LG Display OLED light panels, which generate no glare, it is possible to view the fluttering lights comfortably.



TINCAN RESTAURANT

LG Display OLED light panels were adopted as the main light source at Tincan, a pop-up restaurant in London designed by AL_A. The decision to use LG Display OLED light panels for the restaurant's lighting was based on its excellent light quality as well as the design possibilities unique to OLED light. Moreover, the simplicity of OLED light panels enabled the architectural design firm AL_A to design and manufacture the light fixtures themselves.



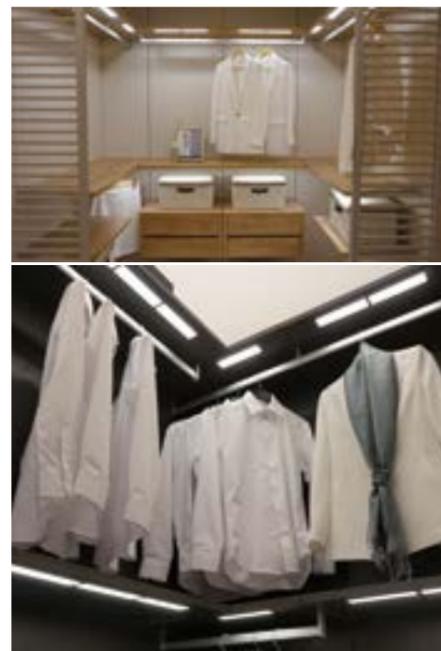
TRADITIONAL KOREAN "HANOK" HOUSES

As the traditional hanok buildings were made mostly out of wood, it was always difficult to find appropriate electrical lighting because of fire hazard and tendency of lights to damage the structure. LG Display OLED light panels, with their light weight and no heat characteristics, have proved to be an ideal solution for home owners and guest houses seeking to preserve the buildings.



PRIVATE RESIDENTIAL (DRESSING ROOM)

LG Display OLED light panels are thin and light which enable the interior designers to integrate them into more intricate, smaller areas. Also, since the OLEDs emit very low heat, the panels can be applied to any materials including wooden shelves without the need of heat sinks. Moreover, the high CRI which the OLEDs bring to the dressing room highlights other application possibilities, such as fitting rooms in retail stores.



OLED LIGHT OFFICE

LG Display has also opened a new office decorated and lit only with LG Display OLED light solutions and luminaires on the third floor of the same building with the showroom. The new LG Display office suggests many possibilities in using OLED light panels and solutions as office lighting and residential lighting. OLED lighting is a great solution for offices because of its premium light quality with low glare and less shadow. Also, the natural illumination that OLEDs bring to the working environment generate a wonderful atmosphere.





OLED SHOWROOM

The showroom is uniquely designed utilizing only the LG Display OLED light panels, which gives life to the modern style and shows the characteristics and usefulness of the OLED light. All of the LG Display OLED light solutions and applications are displayed in the showroom, starting from simple rail system solution to OLED light panels embedded furniture with transparent solution. LG Display aims to promote the possibility of day-to-day use of OLED light technology.

Reservation By Request

Any walk-in visitors are welcome at the showroom from 1:30pm to 5:30pm without reservation. If you want to visit at other hours or want to arrange a meeting with the sales manager, please send a reservation e-mail to jodijang@lgdisplay.com



Open hours for Walk-in visitors
PM 1:30 ~ 5:30 (Monday to Friday)

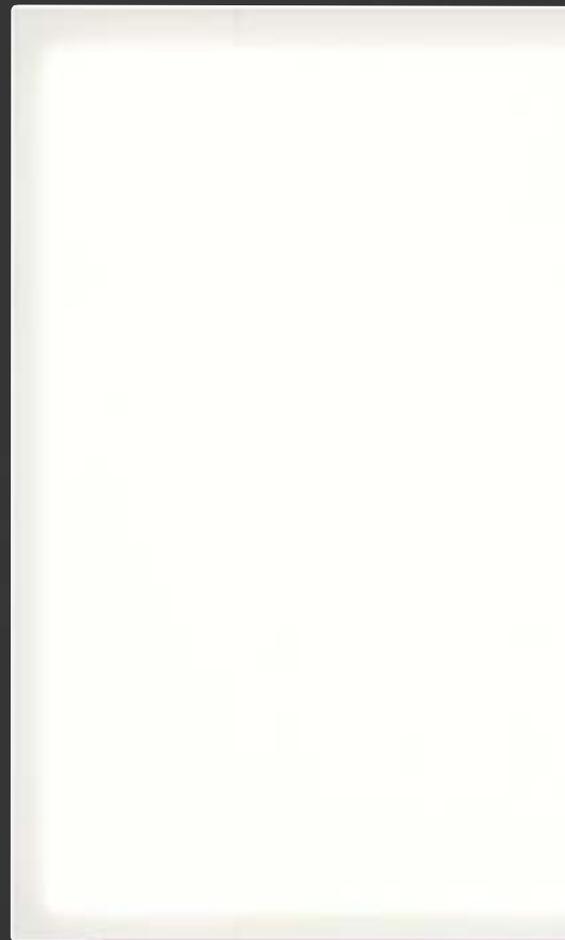
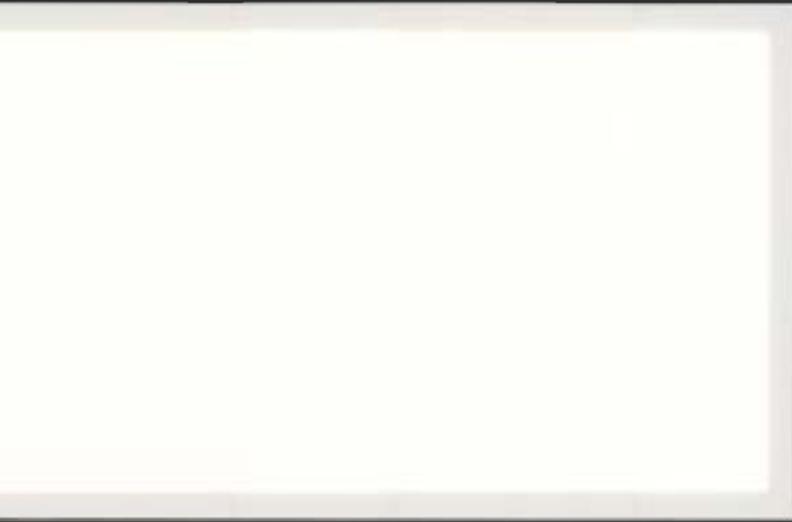
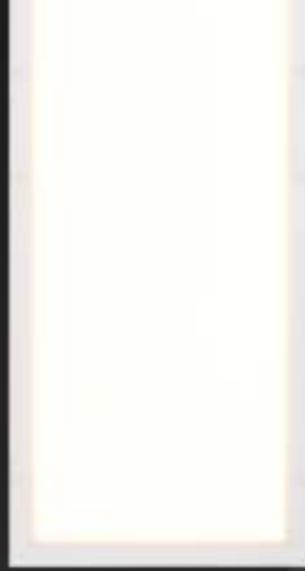


LG Display OLED Light SHOWROOM

1F, 163, Hakdong-ro, Gangnam-gu, Seoul 135-815, Korea

LG Display OLED Light Headquarters

LG Twin Towers (14F, East Tower), 128 Yeoui-daero, Youngdungpo-gu, Seoul, Korea



www.lgoledlight.com

| NAME | LOCATION & ROLE | EMAIL | TEL. |
|----------------|-----------------|-----------------------------|-------------------------|
| Kim, Tony | Korea | tony.kim@lgdisplay.com | +82-2-3777-2352 |
| Suh, Sebastian | Americas | seb@lgdisplay.com | +82-2-3777-2311 |
| An, Alex | Europe | alexbest@lgdisplay.com | +82-2-3777-2313 |
| Ramski, Marek | Europe | mramski@lgdisplay.com | +49 (0) 176 10 33 30 89 |
| Krol, Grzegorz | Europe | gkrol@lgdisplay.com | +49 (0) 176 10 33 30 88 |
| Shin, Ken | Japan | kenshin@lgdisplay.com | +82-2-3777-2458 |
| Lee, Ian | China & Asia | jjinkyung.lee@lgdisplay.com | +82-2-3777-2465 |
| Chung, Michael | Media & Press | michaelchung@lgdisplay.com | +82-2-3777-2471 |



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