

KANEKA OLED Lighting

KANEKA LUCE W1-WH/BZ/MS

Installation Manual



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To installers:



- Read this manual thoroughly and then install correctly.
- Be sure to pass on both this manual and the operating manual to the customer.

To customers:

- Thank you for purchasing Kaneka products.
- Please keep both this manual and the operating manual handy.
- You have been given this manual as a reference. If you require any of the work in this manual to be done, please consult with and ask the installer to carry out the work. Do not carry out the work yourself.

Safety Information

Be sure to read the cautions described here to prevent injury, malfunction, fire and similar.

 Warning	Not observing the caution indicated by this symbol may cause death or serious injury.
 Caution	Not observing the caution indicated by this symbol may cause light injury or property damage.

Be sure to follow the instructions indicated by the following symbols.

	Indicates that you must not perform the indicated task.		Indicates that you must perform the indicated task.
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Warning



Do not install in any of the following locations.

- Walls that are not vertical
- On ceilings or anywhere else that is not a wall
- Locations that are not level
- Locations that have not been reinforced

Otherwise the unit may fall and cause injury.



If smoke, unusual odor, power cord deformation, or heated power plug occurs, immediately turn off the power and unplug the power plug from the power outlet.

Failure to do so may cause fire or electric shock.

Make sure that smoking, heat, etc. have subsided, and then contact the dealer for inspection, repair, or replacement.



In the following cases, immediately turn off the power and unplug the power plug from the power outlet.

- If water or foreign matter enters the unit
- If the unit is damaged

Continuing to use the unit may cause fire or electric shock.

Contact the dealer for inspection, repair, or replacement.



Do not install the unit by one person only.

Failure to do so may result in damage or injury if the unit falls.

The unit is heavy and must be handled by at least 2 people.



Use the supplied DC wire to connect the AC adapter to the unit.

The DC plug of the AC adapter is not compatible with the DC jack of the unit.

Be sure to insert the DC plug on the DC wire into the DC jack of the unit.

Using a cable that cannot be reliably connected may cause damage to the unit, fire, or electric shock.



Use 1 DC wire only. Do not connect and use 2 or more wires.

Otherwise this may cause damage to the unit, fire, or electric shock.



Install the unit correctly according to the manual.

Failure to do so may cause fire, electric shock, or injury due to the falling object.



Do not install or use the unit outside.

Otherwise the unit may become wet and cause electric shock, short circuits, or fire. This may also cause parts to deteriorate or become damaged.



Do not use units or accessories that become damaged during installation.

Failure to do so may render the installation defective, and cause fire, electric shock, or injury due to the falling object.



Insert the power plug securely into the power outlet.

Failure to do so may result in electric shock or fire caused by the heat generated.



When handling the power cord, observe the following.

- Do not process or damage it.
- Do not heat it.
- Do not place any heavy object on it, and do not get caught in the door, etc.
- Do not pull it by force or bend it.
- Do not use it when twisted.
- Do not bundle it.

Failure to do so may cause electric shock, short circuit, or fire due to the exposed part of the charging section.



Make sure it does not exceed the rating of the power outlet.

Using multiple connections etc. and exceeding the rating can cause heat to be generated that may lead to fire.



Use 120Vac.

Excessive voltage may cause fire or electric shock.



Do not install the unit in a place where it will become hot (in direct sunlight, near a stove, etc.).

This may cause fire or electric shock. Also, this may cause deterioration or damage of parts.



Caution



Secure the unit correctly for use.

If the unit is not correctly secured, it may fall due to vibration, impact, earthquake, etc., hitting people, animals, plants, or property to cause injury or damage.



Do not hang from the unit.

Otherwise this may cause damage. Also, there is danger of injury due to the falling object.



Do not lean anything against or hang anything from the unit.

If other objects get caught in the unit an unexpected large force may be generated, and may cause injury or damage if the unit falls.

Other cautions

Do not rub the unit strongly. Because the light-emitting section uses transparent plastic, rubbing it strongly may result in scratches.

About wireless devices

About frequency

Although the unit and the remote control can be used from 2.4000 GHz to 2.4835 GHz in the 2.4 GHz band, other wireless devices may also use this same frequency. To prevent radio interference with other wireless devices, observe the following.

Cautions on using the unit and the remote control

The usable frequency band is 2.4 GHz. In this frequency band, in addition to industrial, scientific and medical devices such as microwave ovens, other similar radio stations, in-house radio stations for mobile identification used in factory manufacturing lines that require licenses to operate, specific power-saving radio stations not requiring licenses, and amateur radio stations etc. also operate. (Hereafter, they are referred to as "other radio stations").

Before using the unit, make sure no "other radio stations" are operating nearby.



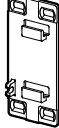
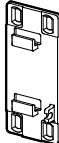
In the unlikely event that radio interference occurs between the unit and "other radio stations", stop (stop emitting radio waves) or change the location of either the unit or the "other radio station" promptly.

Cautions on installation

- The wireless technology used in the unit and the remote control can communicate at a distance of about 10 meters($32\frac{13}{16}$ ft), but the effective range may vary depending on obstacles (human body, metal, wall etc.) present and the radio wave condition. Avoid obstructions between the unit and the remote control.
- If the unit and the remote control are installed in a place where a wireless LAN is set up, where a microwave oven is used, where other electromagnetic waves are generated, or similar, radio interference may prevent them from being connected. Therefore, keep them away from any radio interference.
- Radio waves transmitted by the unit and the remote control may affect operation of other devices such as electronic medical devices and may cause an accident. When installing the unit inside a hospital or near an automatic door or fire alarm, etc., make sure that it does not affect other devices.

1 Checking the Unit and Accessories

Before installation, make sure the following items are included in the package. Contact us if any of them is missing or damaged.

Name	Quantity
The unit	1
AC adapter (Model name: LYD2404000H)* ⁶	1
Power cord (Model name: M260007)* ⁶	1
DC wire (5m (16 ¹³ / ₃₂ ft))* ¹	Black x1; White x1
Installation screw and anchor* ² 	14 of each
Captive screw 	2
Mounting bracket (right)* ³ 	1
Mounting bracket (left)* ³ 	1
Positioning template sheet	1
Remote control	1
Wire clamp I set* ^{1,4}	Black x3; White x3
Wire clamp L set* ^{1,4}	Black x3; White x3
AAA battery* ⁵	2
Installation Manual (this manual)	1
Operating Manual	1

*¹: Select a color to use according to the color of the wall for installation.

*²: Use these when installing the unit on a wall where it cannot be directly secured using screws, such as a gypsum wall.

*³: The left mounting bracket is marked with an "L" and the right mounting bracket is marked with an "R".

*⁴: The set contains an upper and lower clamp, and a washer.

*⁵: The supplied batteries are for checking operation.

*⁶: Do not use any AC adapter or power cord other than those supplied.



Warning



Use 1 DC wire only. Do not connect and use 2 or more wires.

Otherwise this may cause damage to the unit, fire, or electric shock.

CAUTION

AC adapter and power cord

The AC adapter and power cord supplied with this product cannot be used with any other devices.

2 Before Installation

Product specifications

- The unit

Power	AC adapter (120Vac, 60Hz common)
Power consumption	60W
Body size	1,026mm (W) x 100mm (H) x 132mm (D) (40 ²⁵ / ₆₄ in(W) x 3 ¹⁵ / ₁₆ in(H) x 5 ¹³ / ₆₄ in(D))
Body weight	4,200g (9lb 4.2oz)(including mounting brackets)

- Remote control

Communication method	Wireless
Usable frequency band	2.4GHz (2.4000GHz to 2.4835GHz)
Maximum range	10 meter(32 ¹³ / ₁₆ ft) (The range is approximate. It may change depending on the surrounding environment.)
Power	AAA battery x2



Warning

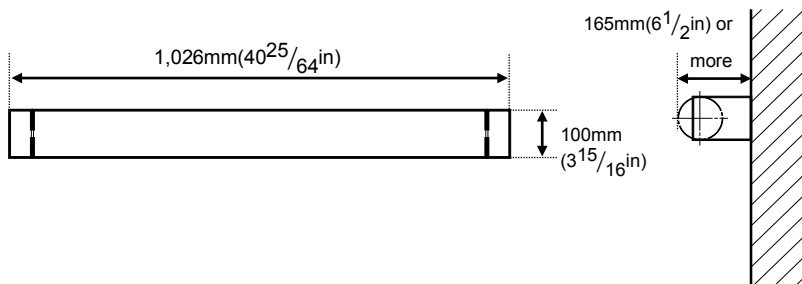


Do not install in any of the following locations.

- **Walls that are not vertical**
- **On ceilings or anywhere else that is not a wall**
- **Locations that are not level**
- **Locations that have not been reinforced**

Otherwise the unit may fall and cause injury.

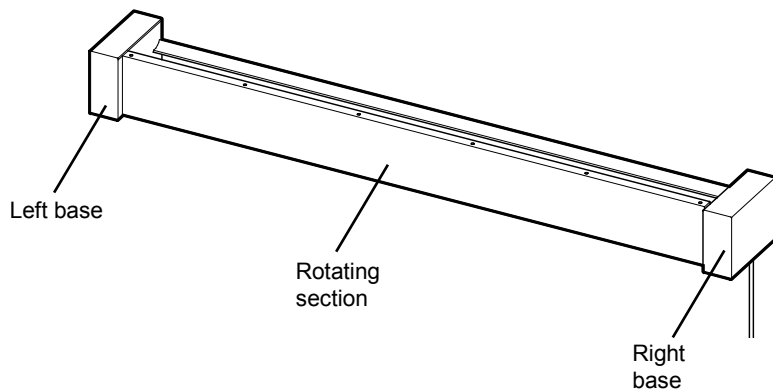
- Make sure the wall has a foundation and that screws can be used on it, or take appropriate measures using auxiliary items such as wall anchors.
- The following space is required for installation and operation.



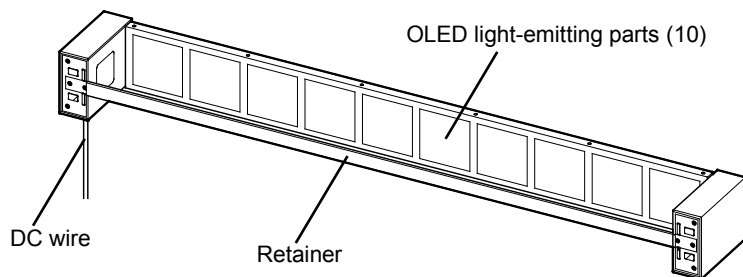
- Temperature: 5°C to 35°C. Humidity: 85% (no condensation)

3 Names of Parts

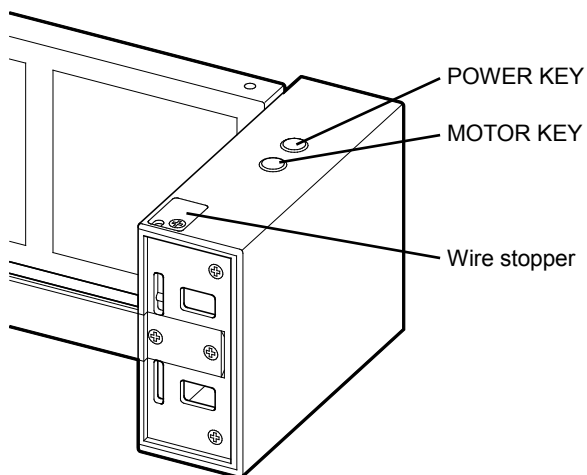
- Front of the unit



- Back of the unit

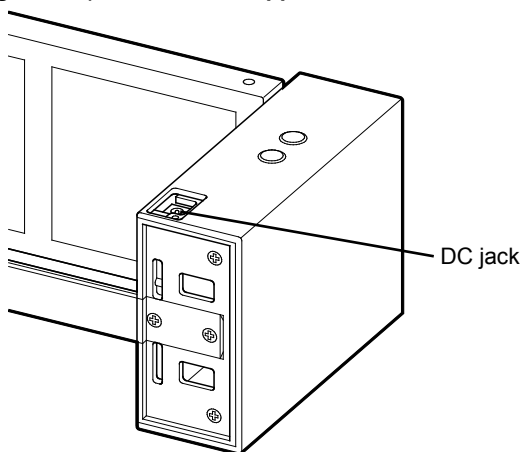


- Bottom of the unit (right base)



① POWER KEY	Turn the unit on or off. You can also change the brightness by pressing it while it is lit.
② MOTOR KEY	Rotate the rotating section.

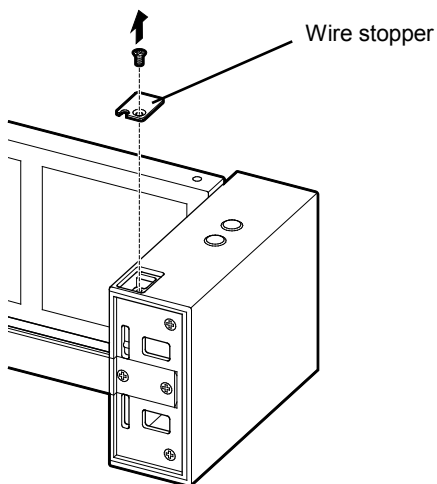
- Bottom of unit (right base), inside wire stopper



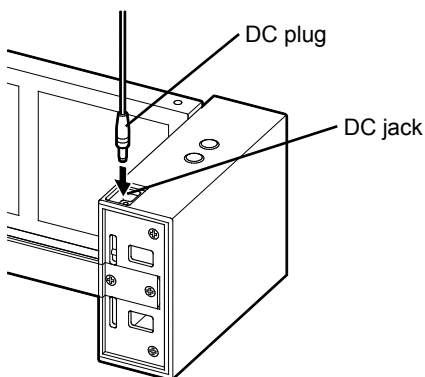
4 Installing the Unit

Installing the DC wire

- 1 Remove the screw of the wire stopper on the bottom right side of the unit base, and then remove the wire stopper.

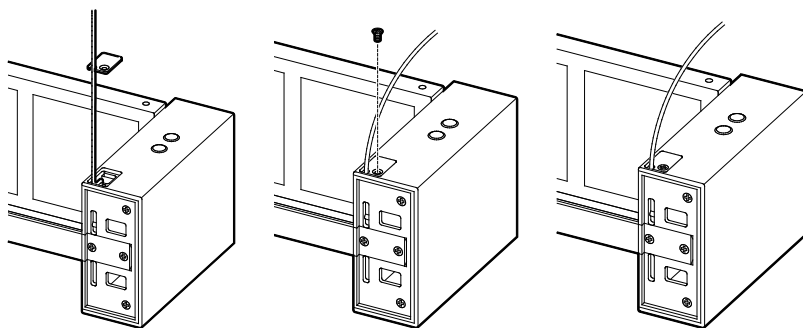


- 2 Insert the DC plug of the DC wire all the way into the DC jack.



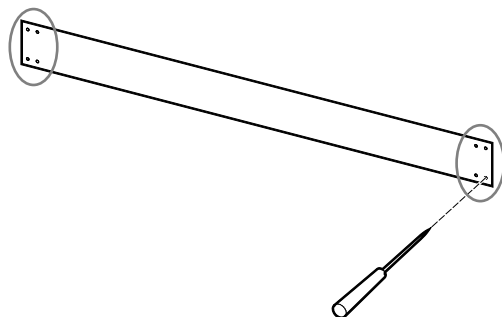
3

Attach the wire stopper so that the DC wire comes out from the hole of the wire stopper, and then secure it with the removed screw.



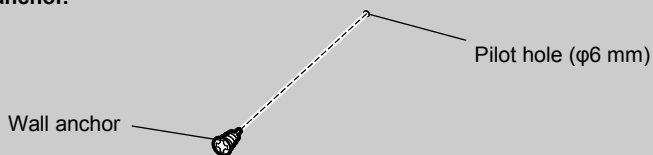
Installing on a wall

- 1 Temporarily secure the supplied positioning template sheet in the installation location, and drill pilot holes at the 8 screw holes.

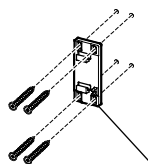


CAUTION

- Use the supplied wall anchors when installing the unit onto a wall where it cannot be directly secured using screws, such as a gypsum wall.
- When using wall anchors, drill a hole into the pilot hole using a $\phi 6$ drill, and insert the anchor.

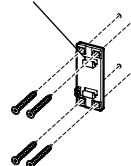


- 2 Remove the positioning template sheet, and then align the left and right mounting brackets with the pilot holes or wall anchors and secure them with screws.



Left mounting bracket

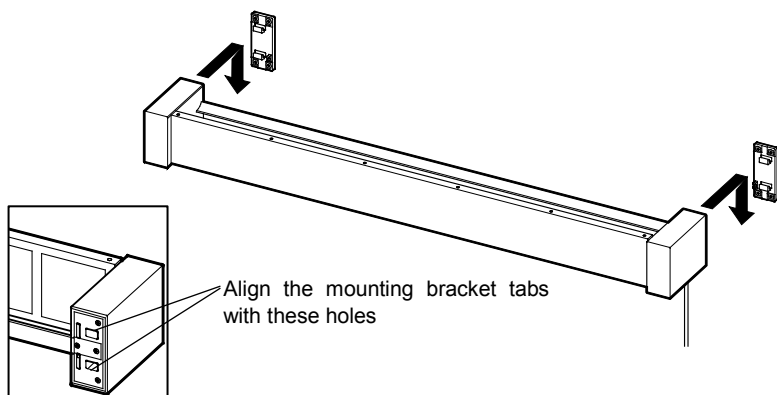
Right mounting bracket



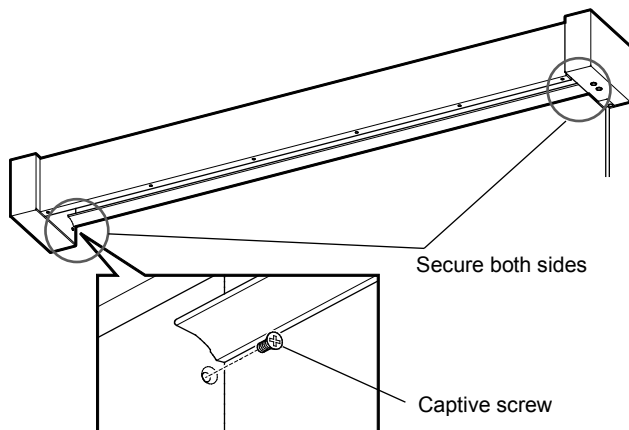
CAUTION

Be careful not to confuse the right and left mounting brackets. The left mounting bracket is marked with an "L" and the right mounting bracket is marked with an "R".

- 3** Insert the tab of the mounting bracket into hole on the back of the unit.



- 4** Use the captive screws to secure the unit to both mounting brackets.



CAUTION

Be sure to secure the unit with the captive screws on both sides to prevent it from falling and causing injury or damage.

- 5** Check that the unit is secured firmly.

Apply pressure from the top, bottom, right, left, and front and check that it does not move.

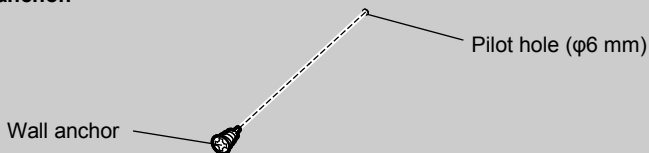
Securing the DC wire

If necessary, use the wire clamp to secure the DC wire to the wall.

1 Drill a hole at the position where the wire clamp is to be secured.

CAUTION

- Use the supplied wall anchors when installing the unit onto a wall where it cannot be directly secured using screws, such as a gypsum wall.
- When using wall anchors, drill a hole into the pilot hole using a $\phi 6$ drill, and insert the anchor.



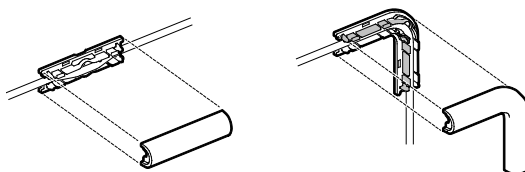
2 Secure the lower part of the wire clamp to the wall.

Insert a washer between the wall and the lower part, and secure it using the supplied installation screw.



3 Attach the DC wire to the groove of the wire clamp's lower part, then cover the wire clamp's top part to secure it.

Insert the upper part of the wire clamp until it clicks.



Connecting the AC adapter

Attach the AC adapter to the DC wire connected to the unit, and then plug it into the power outlet.

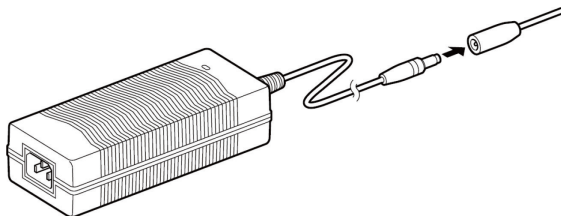


Warning

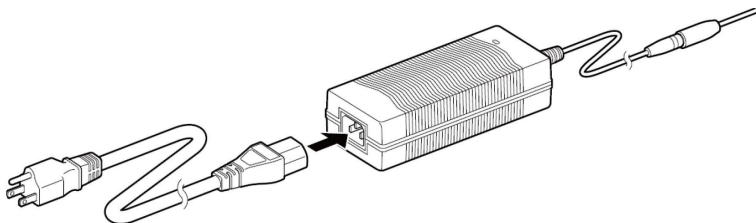


Use 1 DC wire only. Do not connect and use 2 or more wires.
Otherwise this may cause damage to the unit, fire, or electric shock.

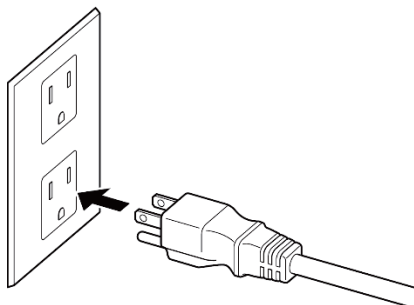
- 1** Connect the DC jack (which is opposite to the side connected to the unit) with the plug of the AC adapter.



- 2** Connect the power cord to the AC adapter



- 3** Connect the power cord to a power outlet.



Checking operation

When the unit has been installed, refer to the operating manual and then use the remote control to check that all functions including brightness adjustment and the rotating section operate normally.

KANEKA LUCE W1-WH/BZ/MS Installation Manual

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