

KANEKA OLED Lighting

KANEKA LUCE F1-WH/BK/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

 **If smoke, an unusual odor, power cord deformation, or power plug overheating occur, 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.

 **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.

 **Assemble and install the unit correctly according to the manual.**

Incomplete assembly or installation may cause fire, electric shock, or injury caused by the product falling.

 **Do not install or use the unit outdoors.**

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 the unit or accessories if they become damaged during assembly or installation.**

Using damaged parts in assembly or installation may cause fire, electric shock, or injury caused by the product falling.

 **Fully insert the power plug 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 gets hot (direct sunlight, near a stove, etc.).**

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

 **Operate the unit at an ambient temperature between 5°C to 35°C.**

Failure to do so may cause insulation failure, fire, or electric shock.



Caution

 **Do not install in any of the following unstable locations.**

- On weak floors
- On uneven floors
- On floors that are not horizontal

Otherwise the product may fall over and cause unexpected injuries or property damage.

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

The unit may fall, causing damage or injury.

If it gets caught with other objects, unexpected large force will be generated, causing injury or damage if the unit falls.

 **Do not hold the unit by its rotating section when moving it.**

The rotating section and the base may come apart and cause damage to the unit, injury, or property damage.

Be sure to hold the base when moving the unit.

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 electromagnetic waves are generated, or the like, their connection may become impossible due to radio interference. 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
Rotating section	1
Base unit	1
Base plate	1
AC adapter (Model name: LYD2404000H)* ¹	1
Power cord (Model name: M260007)* ²	1
DC wire (5m (16 ¹³ / ₃₂ ft))	1
Base plate mounting screws	6
Remote control	1
AAA battery* ¹	2
Installation Manual (this manual)	1
Operating Manual	1

*¹: The supplied batteries are for checking operation.

*²: Do not use any AC adapter or power cord other than those supplied.



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	220mm (W) x 1,260mm (H) x 270mm (D) ($8\frac{21}{32}$ in(W) x $49\frac{39}{64}$ in(H) x $10\frac{5}{8}$ in(D))
Body weight	5,200g (11lb 7.4oz) (including base plate)

- Remote control

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



Caution



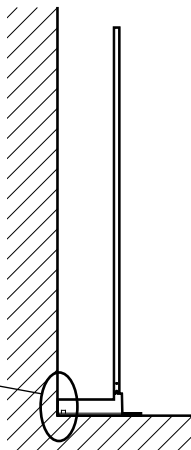
Do not install in any of the following unstable locations.

- On weak floors
- On uneven floors
- On floors that are not horizontal

Otherwise the product may fall over and cause unexpected injuries or property damage.

- A width of 220mm($8\frac{21}{32}$ in), and depth of 270mm($10\frac{5}{8}$ in) is required for installation.
- To prevent the unit from falling, install it so one side is touching the wall in the direction indicated in the diagram.

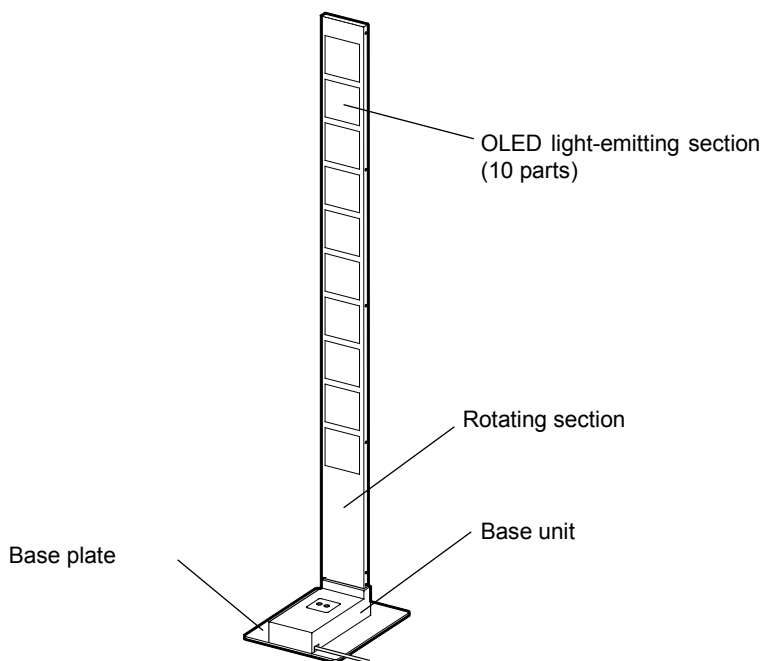
Make sure that the side with the ends of the base unit and base plate is touching the wall.



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

3 Names of Parts

- The unit



Caution

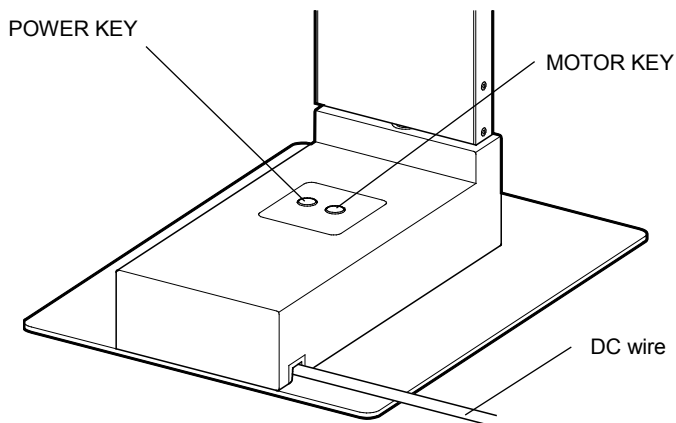


Do not hold the unit by its rotating section when moving it.

The rotating section and the base may come apart and cause damage to the unit, injury, or property damage.

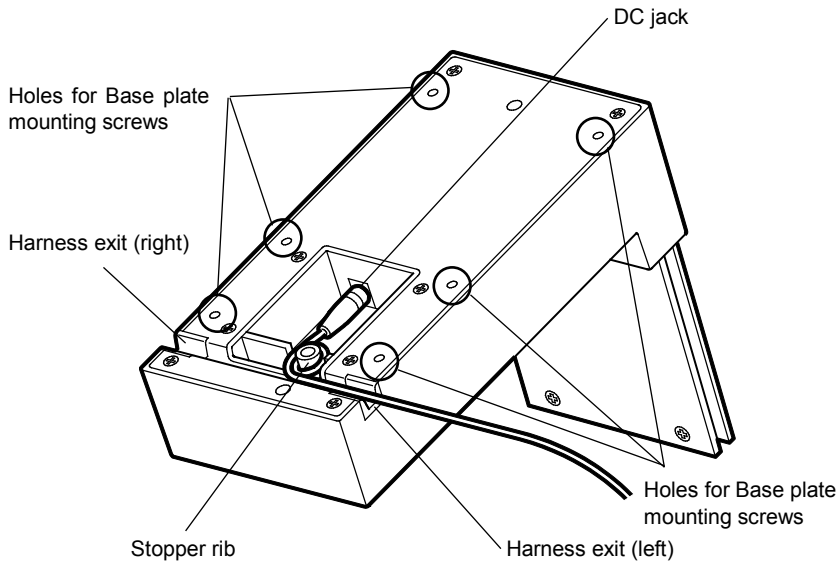
Be sure to hold the base when moving the unit.

- 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.

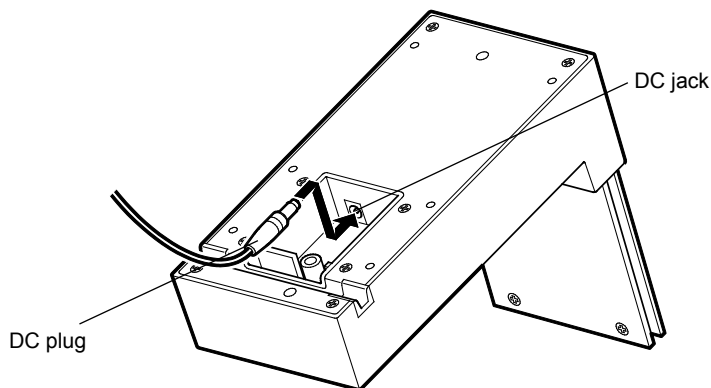
- Bottom of the base unit



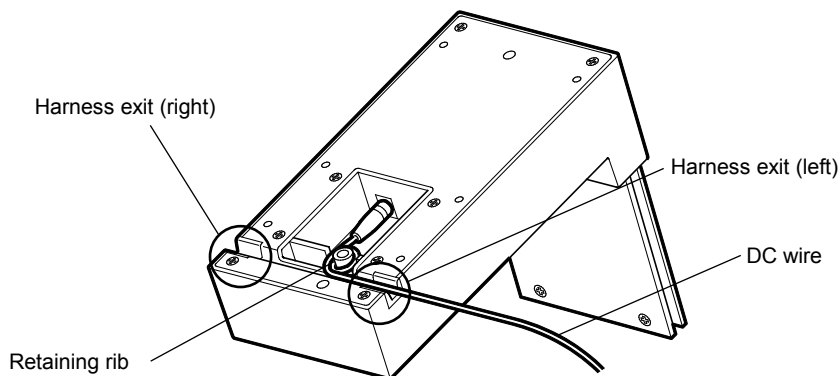
4 Installing the Unit

Installing the DC wire

- 1 Fully insert the DC plug of the DC wire into the DC jack on the bottom of the base unit.

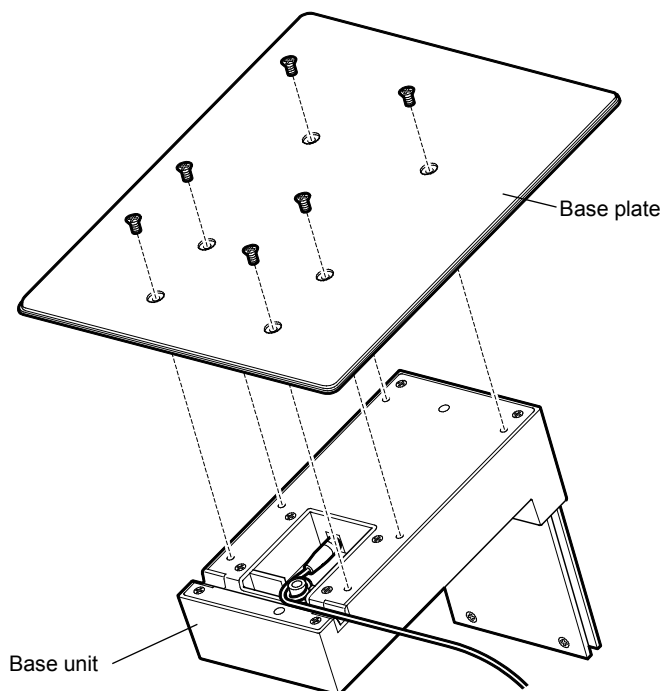


- 2 Wind the DC wire once around the retaining rib and pass it through the harness exit on the back of the base unit to secure it.



Pass the DC wire through either the left or right harness exit according to the power source location and installation location.

- 3** Use the mounting screws to secure the base plate to the base unit.

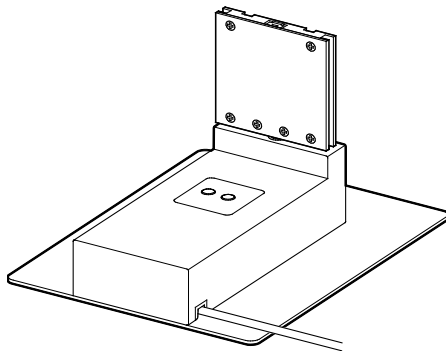


CAUTION

Be sure to secure it using the supplied base plate mounting screws

Installing the rotating section

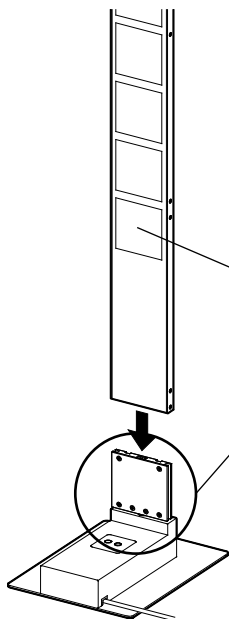
- 1 Place the base (installed with DC wire and base plate) on the floor.



CAUTION

Install on a floor made of concrete or sturdy wood, and make sure the floor is horizontal and flat.

- 2 Pay attention to the orientation of the OLED light-emitting part of the rotating section and the insertion part of the base, and then attach the rotating section to the base



Align the side of the rotating section where the OLED light-emitting parts are located with the side without notches of the insertion part of the base and then insert.

Connecting the AC adapter

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

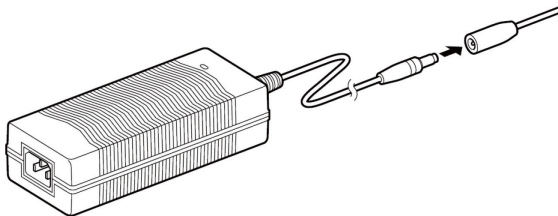


Warning

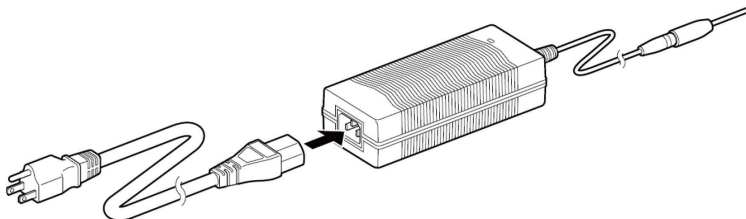


Use 1 DC wire only. Do not connect and use 2 or more wires.
Otherwise this may cause damage to the unit, fire, or electric shock.

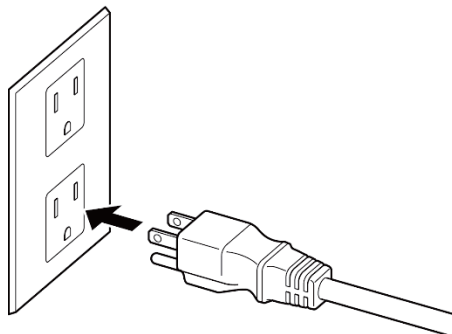
- 1** Connect the DC jack (which is opposite to the side connected to the unit) with the plug of the AC adapter.



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



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



Checking operation

When the installation is completed, refer to the operating manual and then operate the remote control. Make sure all functions including brightness adjustment and the rotating section are normal.

Be sure to organize the power cord, DC wire and other cables/wires so that nobody will trip over them etc. when they are walking past.

NOTES

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