

KANEKA OLED Lighting

KANEKA LUCE F1-WH/BK/BZ/MS

Operating Manual





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- Thank you for purchasing this Kaneka product.
- Read this manual thoroughly and then use it correctly and safely.
- Please keep this manual handy so that you can refer to it immediately when you need it.

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

-  **Ask the installer to carry out assembly and disassembly.**
Incomplete assembly may cause fire, electric shock, or injury due to the product falling over.
As assembly and disassembly of the unit requires expert knowledge and skills, ask the installer to carry out this work.
-  **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 damagedContinuing 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.



Use 120Vac.

Excessive voltage may cause fire or electric shock.



Use and store the unit by avoiding condensation.

Failure to do so may cause electric shock, short circuit or damage.



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 power plug if it is dusty.

A dusty plug may result in moisture accumulation to cause insulation failure and hence fire risk. Also, contact failure may result in malfunction.

In this case, remove the power plug and wipe it with a dry cloth.



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.



Make sure the rotating section does not come into contact with people, animals, plants, or other obstacles.

Failure to do so may result in injury or damage to property.



Before cleaning the unit, turn off the power and unplug the power plug.

Failure to do so may result in electric shock due to the current.

Also, unexpected rotation may cause injuries.



Observe the following when handling the power cord.

- 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.



When unplugging the power plug, do not pull on the power cord.

Otherwise, the power cord and the power plug may be damaged, causing fire or electric shock.

Therefore, hold the power plug when unplugging.



Do not repair, modify, disassemble, or wash with water.

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













Contact the dealer for inspection, adjustment, or repair.



Do not use in a place subject to water droplets.

Failure to do so may result in fire, electric shock, malfunction, or damage.

The unit is not moistureproof and rainproof.

-  **Do not use in a location where drops of water may fall on it.**
Failure to do so may result in fire, electric shock, malfunction, or damage.
The unit is not moistureproof and rainproof.
-  **Do not touch the unit with wet hands.**
Failure to do so may cause electric shock, malfunction, or damage.
-  **Do not connect or disconnect the power plug with wet hands.**
Failure to do so may cause electric shock.
-  **Before replacing the unit, turn off the power and unplug the power plug.**
Failure to do so may cause electric shock, malfunction, or damage due to the current.
-  **Do not use near flammable materials.**
Failure to do so may cause fire or burns.
-  **Do not cover with flammable materials such as cloth or paper.**
Failure to do so may cause fire or burns.
-  **Do not insert objects into gaps in the unit.**
Failure to do so may cause fire or electric shock.
-  **Do not put your hands or fingers at the end of the rotating section.**
Otherwise your hands and fingers may get caught between the fixed parts, causing serious injuries such as cuts or fractures.
-  **Do not use aerosol or spray of flammable gas when cleaning the unit or in general cleaning.**
When flammable gas is used for cleaning or for lubricating the moving parts of the unit, the gas may stay inside the unit and come into contact with sparks at the motor or switches, causing explosion or fire.
-  **Do not place objects on the unit.**
If metals, vases, cups, or liquids such as cosmetics enter the unit, they may cause fire or electric shock.
The falling object may cause injury.
When the rotating section rotates, an object placed on it may fall to result in damage.
-  **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.
-  **Do not install the unit in a place where it gets hot (direct sunlight, near a stove, etc.).**
Failure to do so may cause fire or electric shock. Also, this may cause deterioration or damage of the parts.



Caution



Inspect the unit periodically.

Using the unit for a long time without inspection may occasionally cause the unit to fall over or cause fire or electric shock.

This lighting device does not last forever. After 10 years of installation, even if the unit appears to be normal externally, its internal structure is deteriorating. Inspect the unit.



Do not touch the unit while it is lit or immediately after it is turned off.

While it is lit or immediately after it is turned off, its temperature is still rising, which may cause burns.



When not using the unit for a long period of time, unplug the power plug from the power outlet.

Otherwise it consumes a small amount of power even when the power is turned off. In the unlikely event of malfunction, it may cause fire.



Do not use organic solvents, or any alkaline, strong acidic, or chlorinated detergents when cleaning the unit.

Otherwise this may weaken the unit, causing damage or electric shock. Or, discoloration may occur.

Clean with a dry soft cloth.

For stubborn stain, gently wipe off the stained area with a well wrung soft cloth moistened with diluted neutral detergent, and then finish with a dry soft cloth.



Do not lean against 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.



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



Observe the following regarding the batteries used in the remote control.

- Use the specified batteries and make sure their (+) and (-) terminals are correctly aligned.
- Do not charge, heat, disassemble, or short-circuit the batteries. Also, do not throw them into fire.
- Do not leave completely used batteries or batteries past their recommended usage deadline in the remote control.
- Do not mix different types of batteries, or mix new batteries with old batteries.

Failure to do so may result in liquid leakage or rupture to cause burns or injuries.

If liquid gets on your skin or clothing, rinse with clean water immediately. If liquid gets in your eyes, wash immediately with clean water and then see your ophthalmologist. If it sticks to the unit, wipe it without touching the liquid directly.

IMPORTANT SAFETY INSTRUCTIONS-SAVE THESE INSTRUCTIONS

DANGER-TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS

If the shape of the plug does not fit the power outlet, use an attachment plug adaptor of the proper configuration for the power outlet.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that is deemed to comply without testing of specific absorption rate (SAR).

About wireless devices

● Possible range of operation

The wireless technology used in the unit and the remote control enables communication at a distance of about 10 meters($32\frac{13}{16}$ ft), but the range of operation may vary if there are obstacles (humans, metal, walls etc.) or according to the status of the radio waves. When using the product make sure that there are no obstructions between the unit and the remote control.

● 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.

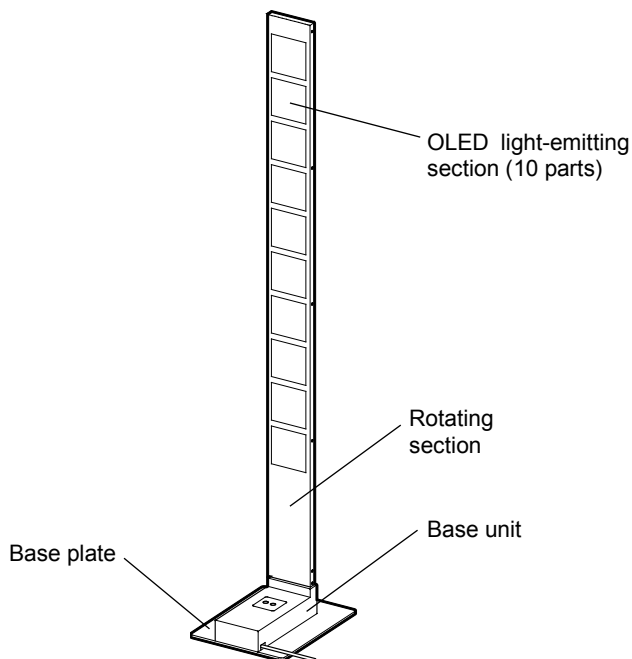
Other cautions

- Do not rub the unit strongly. Because the light-emitting section uses transparent plastic, rubbing it strongly may result in scratches.
- Do not use in a place exposed to ultraviolet light such as outdoors. The unit deteriorates faster than normal due to ultraviolet rays.
- Follow municipal regulations when disposing of the unit. The unit is incombustible.
- Do not move the rotating section by force. If you move it by force while cleaning, or when it it does not move, this may cause damage to the unit.

1 Names of Parts and Operation Method

This section describes the names of the parts, as well as how to operate the unit.

The unit



Caution

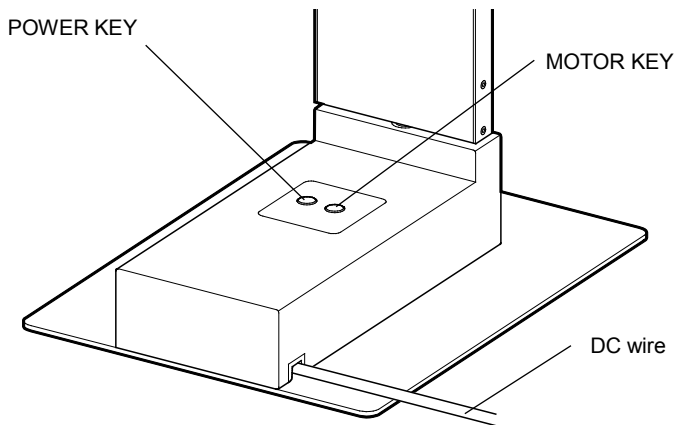


Do not hold the unit by its rotating section when moving it.

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.

Using the keys

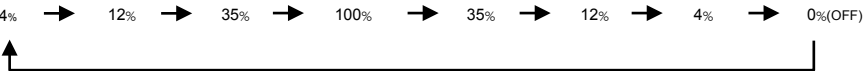
You can use keys to turn on/off the unit. You can also use them to adjust the brightness or lighting angle.

● **Turn on/off the unit**

Turn on	Press POWER KEY.
Turn off	Hold down POWER KEY for 2 seconds or more. When you turn on the unit again, its brightness will be the one used right before the unit was turned off last time.

● **Adjust brightness**

While the unit is lit, each time you press POWER KEY, the brightness changes in the following order.



Pressing POWER KEY after 60 seconds have elapsed from the last press will set the brightness at the previous level.
Example 1: Immediately after 35% brightness is set, pressing POWER KEY will set the brightness to 100%.
Example 2: After 60 seconds have elapsed from selecting 100% brightness, pressing POWER KEY will set the brightness to 35% instead.

- **Adjust lighting angle**

Pressing MOTOR KEY each time rotates the rotating section by 15°.

When rotation reaches its limit at 360°, it reverses.

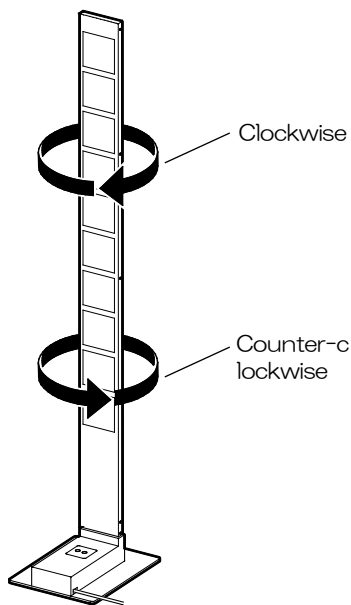
Holding down MOTOR KEY for 2 seconds or more reverses the rotation direction.

Movement range

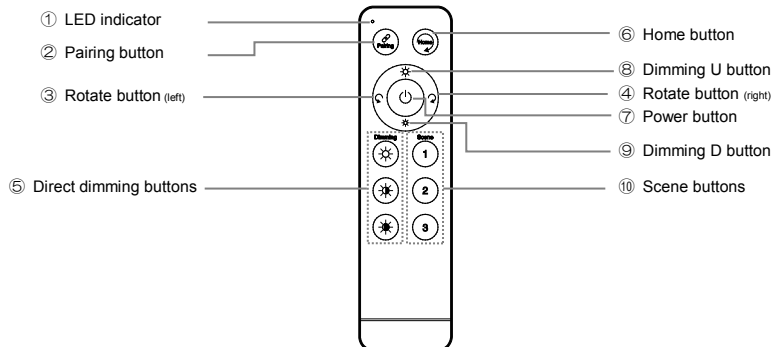
The movement range is 360° clockwise from the home position.

When adjusting the angle with the MOTOR KEY, when the unit has rotated 360° clockwise it will change direction and start rotating counter-clockwise.

When using the remote control, press the right rotate button to rotate the unit clockwise and the left rotate button to rotate it counter-clockwise.



Remote control



① LED indicator	Lights during operation to indicate operation or battery status.
② Pairing button	Use it to pair the remote control with the unit.
③ Rotate button (left)	Turn the rotating section counter-clockwise.
④ Rotate button (right)	Turn the rotating section clockwise.
⑤ Direct dimming buttons	Select a preset brightness level (100%, 50%, or 1%).
⑥ Home button	Return the rotating section to its home position.
⑦ Power button	Turn on/off the power.
⑧ Dimming U button	Increase the brightness level.
⑨ Dimming D button	Decrease the brightness level.
⑩ Scene buttons	Remember or play a scene (brightness and lighting angle).

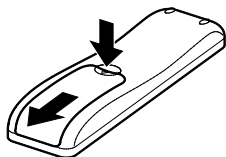
Inserting dry batteries into the remote control

The remote control requires two AAA batteries available commercially.

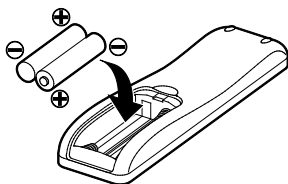
NOTE

- The supplied batteries are for checking operation. We recommend that you replace them with new batteries as soon as possible.
- If the LED indicator on the upper left of the remote control does not light up, the batteries need replacing.

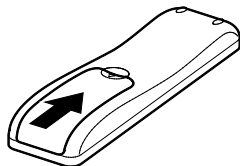
- 1 Press and lift the cover on the back of the remote control.**



- 2 Insert the batteries in accordance with the (+) and (-) indications on the inside of the case.**



- 3 Put back the cover.**



Pairing the remote control with the unit

You need to pair the remote control with the unit so that they can communicate with each other.



When shipped at the factory, the bundled remote control has been paired with the unit.

When the remote control bundled with the unit is used, no pairing is required.



Pairing allows one remote control to operate multiple units. In this case, pairing is necessary to specify the connection partner.

1 Press the pairing button on the remote control until the LED indicator starts blinking.

2 Press the POWER KEY on the unit for at least 4 seconds while the LED indicator on the remote control is blinking.

Pairing is complete when the lighting section on the unit blinks 3 times.

3 Stop pressing the POWER KEY on the unit.



The pairing mode (when the LED indicator is blinking) on the remote control lasts for 1 minute.

Press the power button to exit pairing mode.

Operating the remote control

You can use the remote control to turn on/off the unit, adjust its brightness or lighting angle, or remember/play a scene.

• Turn on/off the unit

Turn on	Press the power button.
Turn off	Press the power button. When you turn on the unit again, its brightness will be the one used right before the unit was turned off last time.

- **Adjust brightness**

Dimming U button	Increase the brightness level. Holding down the button continues increasing the brightness.
Dimming D button	Decrease the brightness level. Holding down the button continues decreasing the brightness.
Direct dimming buttons	Use one of the preset brightness (100%, 50%, 1%).

● **Adjust lighting angle**

Rotate buttons (left, right)	Adjust the rotation angle. Pressing the right rotate button rotates in the clockwise direction, and pressing the left rotate button rotates in the counter-clockwise direction. Holding down the rotate button continues the rotation. At the desired angle, release the rotate button. Rotation stops when it reaches its limit.
Home button	Pressing the home button returns to the preset home position.

● **Register or use a scene**

You can combine brightness and lighting angle to create up to 3 scenes.

Each of the 3 scene buttons can be used to register one scene.

• Register a scene

- ① Adjust the unit to the desired brightness and lighting angle.
- ② Select a scene button (1, 2, or 3) and hold it down for a few seconds.

When the LED indicator on the remote control blinks, the scene has been registered.

The brightness and lighting angle are registered to the scene button.

• Use a scene

- ① Press a scene button.

The brightness and lighting angle change to the values stored in the scene button.

2 Cleaning

Before cleaning the unit, turn off the power and then check that the temperature of the light-emitting section and surrounding parts has dropped.

- Do not wash the unit with water.
- Do not polish the metal part of the unit with a cleanser or scrub. They may cause scratches or corrosion.
- Wipe the unit with a dry, soft cloth. Or, gently wipe off the stained area with a well wrung soft cloth moistened with diluted neutral detergent.
- Do not use alkaline, weakly acidic, or chlorinated detergents; thinner; organic solvents such as benzene; or insecticide etc. on the unit.

3 Troubleshooting

Problem	Possible cause	Treatment
The unit does not light.	The batteries in the remote control are flat.	• Replace the batteries with two new AAA batteries.
	The power plug is disconnected.	• Insert the power plug into the power outlet.
	The DC plug is disconnected.	• Insert the AC adapter plug into the DC jack of the DC wire. (Consult the installer if the DC wire becomes disconnected from the unit)
It does not rotate	The batteries in the remote control are flat.	• Replace the batteries with two new AAA batteries.
	The power plug is disconnected.	• Insert the power plug into the power outlet.
	The DC plug is disconnected.	• Insert the AC adapter plug into the DC jack of the DC wire. (Consult the installer if the DC wire becomes disconnected from the unit)
	The unit has rotated as far as it can.	• Reverse the rotation direction.
	Cannot get the rotation position.	• Press the home button on the remote control to return to the home position.
	The rotation position is incorrect.	• Press the home button on the remote control to return to the home position.
	Something was inserted into the rotating section, or it was rotated by hand.	• If something has been inserted into the rotating section, remove the object and press the home button on the remote control to return to the home position.
Cannot operate the remote control.	The batteries in the remote control are flat.	• Replace the batteries with two new AAA batteries.
	There are obstacles (human body, metal etc.) between the unit and the remote control. The distance between the unit and the remote control is too far.	• Remove the obstacle. • Move the remote control as close as possible to the unit.
	The unit is near a wireless LAN, microwave oven, or other electromagnetic waves.	• Move the wireless LAN device away from the unit and the remote control. • To use the unit near a wireless LAN device, turn off the device. • Turn off the microwave oven. • Move the remote control as close as possible to the unit.
	Pairing between the unit and the remote control is disabled.	• Perform pairing. (see "Pairing the remote control with the unit", page 13)

4 Product Specifications

• The unit

Power	AC adapter*1 (120Vac, 60Hz common)
Power consumption	60W
Body size	220mm (W) x 1,260mm (H) x 270mm (D) (8 ²¹ / ₃₂)in(W) x 49 ³⁹ / ₆₄ in(H) x 10 ⁵ / ₈ in(D))
Body weight	5,200g (11lb 7.4oz) (including base plate)

*1 Do not use any AC adapter or power cord other than those supplied. The model names of the supplied AC adapter and power cord are as shown below.

- AC adapter (Model name: LYD2404000H)
- Power cord (Model name: M260007)



AC adapter and power cord

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

• 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

5 **Warranty and After-sales Service**

Ask the dealer or installer about the warranty, how to use the unit, and after-sales service such as cleaning or repairs.

KANEKA LUCE F1-WH/BK/BZ/MS Operating Manual

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