Specifications

The rated voltage and frequency of the following models are 220-240V～ , 50/60Hz.

Lamp Model	Rated Current (A)	Rated Power (W)	Power Factor (COSΦ)	Weight (Kg)
NNFC4006688 / NNFC4006616 NNFC4006653 / NNFC4011688 NNFC4011616 / NNFC4011653 NNFC4016688 / NNFC4016616 NNFC4016653	0.14A	31W (2X(50X0.33W/LED Module))	0.95	2.3
NFV40243WE1Z / NFV40293WE1Z NFV40343WE1Z / NFV40243WE1A NFV40293WE1A / NFV40343WE1A NFV40243WE1E / NFV40293WE1E NFV40343WE1E	0.1A	22W (2X(156X0.07W/LED Module))	0.95	2.3
NFV40248WE1Z / NFV40298WE1Z NFV40348WE1Z / NFV40248WE1A NFV40298WE1A / NFV40348WE1A NFV40248WE1E / NFV40298WE1E NFV40348WE1E	0.18A	39W (2X(240X0.07W/LED Module))	0.95	2.3
NFV40244WE1Z / NFV40294WE1Z NFV40344WE1Z / NFV40244WE1A NFV40294WE1A / NFV40344WE1A NFV40244WE1E / NFV40294WE1E NFV40344WE1E	0.1A	22W (2X(156X0.07W/LED Module))	0.95	3
NFV40249WE1Z / NFV40299WE1Z NFV40349WE1Z / NFV40249WE1A NFV40299WE1A / NFV40349WE1A NFV40249WE1A / NFV40299WE1A NFV40349WE1A	0.18A	39W (2X(240X0.07W/LED Module))	0.95	3

Repair & Maintenance

- In order to use this product safely and efficiently, please clean and check it regularly (once every 6 months). If you fail to check it, long-term use may cause some accidents such as fire, electric shock and lamp falling down.
- When cleaning, please wipe the lamp with soft cloth with neutral detergent, and then wipe it up with dry cloth.
- Please do not use organic solvents, insecticides or detergents other than neutral detergents to wipe the lamp. Avoid discoloration, deterioration, intensity reduction or damage of the lamp.
- Do not spray insecticides on the lamp, as this will cause discoloration or damage to the lamp.

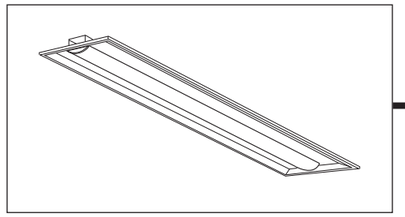


* The style and color of the lamp are based on the object.
* The information may be subject to change without notice.

Panasonic®

Operating Instructions

LED Base Light



Model

(Please refer to the specification sheet)

To Customers

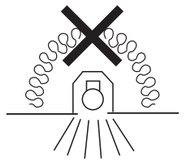
Thank you for purchasing our products.
Please read these instructions carefully before using this product, and save this manual for future use.

Safety Precautions

In order to prevent damage to body and property, these instructions must be followed.

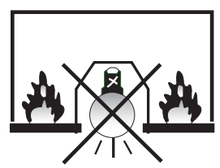
⚠ Warning

- Please install it in strict accordance with these instructions.
  Improper installation can cause accidents such as falling, electric shock and fire.
- Do not cover the lamp with thermal insulation material.
  Avoid causing fire accident.
- Do not modify the lamp and replace components.
  Avoid accidents such as lamp falling, electric shock, fire, etc.



⚠ Notice

- Installation and maintenance shall be performed by a qualified electrician according to local electrical code.
- Do not use the power supply exceeding the specified parameters (Rated voltage 220-240V~,Frequency 50/60Hz).
  Avoid accidents such as lamp falling, electric shock, fire, etc.
- Do not use in circumstances such as direct exposure to sunlight, moisture, vibration and corrosive gases.
  Avoid accidents such as fire, electric shock, falling lamps and rust.
- Do not install the lamp on an insecure ceiling, such as a ceiling made of asbestos so as to avoid damaging the ceiling material or causing lamp to fall.
- Do not use the lamp in a place that may be affected by rain, such as under the roof, in the passage outside the room.
  Avoid causing accidents such as fire, electric shock, lamp falling, rusting, discoloring and peeling off.
- To ensure safety, please be sure to connect the earth wire, before connecting the power wire.
- To ensure safety, please contact electrical professionals for repair and inspection of the lamp.
  Non-professional construction may cause danger.
- In case of lamp malfunction, please cut off power quickly and contact sales store.
- Please do not use it with dimming equipment such as lighting controller and brightness control.
  Avoid accidents such as fire.
- It is not advisable to install the lamp directly on the surface of common flammable material.
- For maintenance, please provide the model of the lamp – refer to the label attached to the lamp body.
- The light source of this luminaire is not replaceable; when the light source reaches its endof life the whole luminaire shall be replaced.
  Avoid accidents such as fire.
- The LED light may have chromatic aberration, and even if it is the same product model, the color and brightness will be different.



Components and Installation Methods

Before installation, make sure to cut off the power to avoid electric shock.

1 Confirmation before installation

- For installation distance, please refer to the lamp installation distance on page 3.
- Ensure the suspension rod fixation point is strong enough to bear the weight of the lamp. (See the Form of Specifications on Page 4 for the weight of the lamp)

* If the suspension rod fixation point is not strong enough, it is easy to cause accidents such as lamp falling.

2 Preparation before installation

- Before installation, please refer to the lamp size and confirm whether the keel spacing can match the lamp.
- When suspension rod is adopted for the lamp installation, the suspension rod shall be vertical to the lamp.
- Take the LED module down from the lamp body according to the "Method for Dismounting LED Module".
- After the lamp body is fixed by using a suspension rod, the exposure part of the suspension rod shall not be overlong so as to avoid collision during installation of the baffle boards.

3 Installation of the lamp body

- Lead in power wire from the power hole of the lamp body.
- Use the suspension rod to fix the lamp body on the ceiling (suspension rod specification: M6~M10).

* Improper installation may cause lamp falling and other accidents.

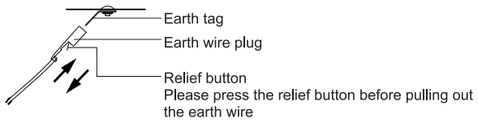
4 Hang the LED module on the lamp body

- Hang the LED module on the lamp body by hooking the two hooks on the LED module to the hook slot on the lamp body.
  [Notice] Use both hands during installation process.
  Please confirm whether it is secure after installation.

* Improper installation may cause lamp falling and other accidents.

5 Installation of earth wire

- Connect the earth wire to the earth tag in the lamp body, as shown in the following figure.

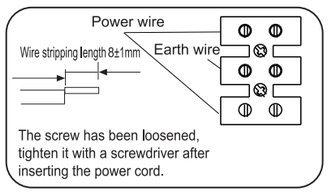


6 Connection of power wire

- Well insert the power wire to connection holes at both sides of the terminal. Well insert the earth wire to connection hole at the center of the terminal.
- The terminal block load is 10A.

* To ensure safety, please be sure to connect the earth wire, before connecting the power wire.
[Notice] Pay attention to the position of the null wire and the live wire. Improper connection may cause accidents such as a fire.

Suitable wire	Sectional area of the wire	1.0 ~2.5 mm²

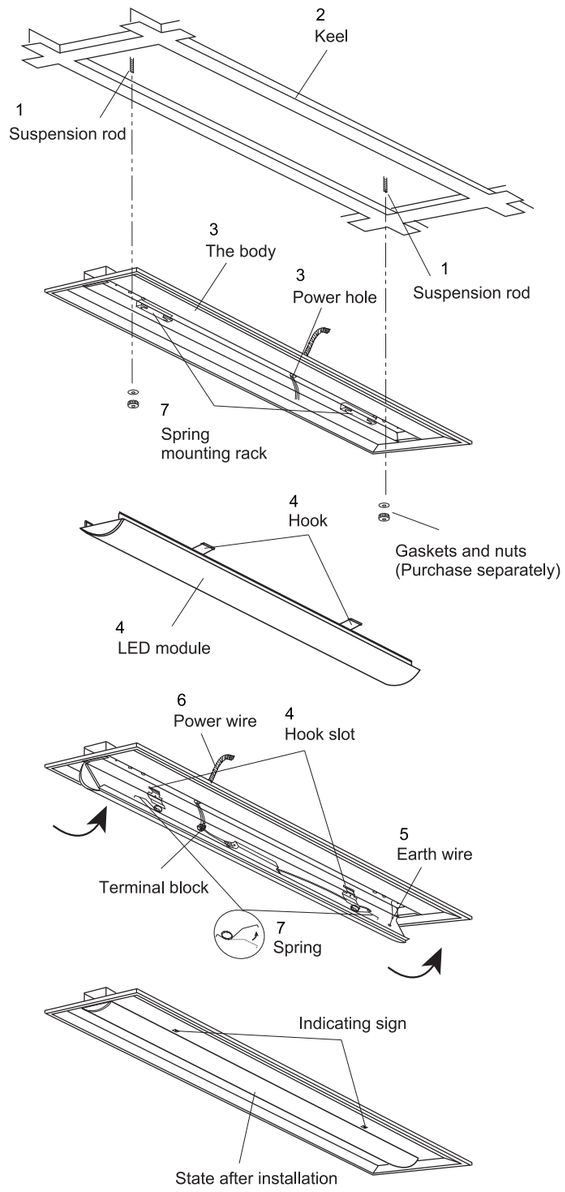


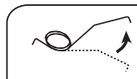
7 Installation of the LED module

- With the hook as a rotation axis, slowly push the LED module to the lamp body.
- Use your hands to sever the two springs on the LED module and insert them into the two spring mounting racks on the lamp body.
- Gently release the lamp and adjust the position of the LED module to make it completely fit with the lamp body.

* Improper installation may cause lamp falling and other accidents.

Take NNFC4006688 as an example





When installing the springs, use your hands to hold and insert them into the spring mounting racks on the lamp body.

Spring

Specifications

The rated voltage and frequency of the following models are 220-240V～ , 50/60Hz.

Lamp Model	Rated Current (A)	Rated Power (W)	Power Factor (COSΦ)	Weight (Kg)
NNFC7106588 / NNFC7106516 NNFC7106553 / NNFC7111588 NNFC7111516 / NNFC7111553 NNFC7116588 / NNFC7116516 NNFC7116553	0.2A	44W (4X(68X0.16W/LED Module))	0.99	3.0
NNFC7106488 / NNFC7106416 NNFC7106453 / NNFC7111488 NNFC7111416 / NNFC7111453 NNFC7116488 / NNFC7116416 NNFC7116453	0.25A	54W (2X(76X0.33W/LED Module))	0.99	3.0
NNFC4006588 / NNFC4006516 NNFC4006553 / NNFC4011588 NNFC4011516 / NNFC4011553 NNFC4016588 / NNFC4016516 NNFC4016553	0.12A	26W (2X(110X0.13W/LED Module))	0.95	3.0
NNFC4006488 / NNFC4006416 NNFC4006453 / NNFC4011488 NNFC4011416 / NNFC4011453 NNFC4016488 / NNFC4016416 NNFC4016453	0.14A	31W (2X(50X0.33W/LED Module))	0.95	3.0
NNFC7106788 / NNFC7106716 NNFC7106753 / NNFC7111788 NNFC7111716 / NNFC7111753 NNFC7116788 / NNFC7116716 NNFC7116753	0.2A	44W (4X(68X0.16W/LED Module))	0.99	2.3
NNFC7106688 / NNFC7106616 NNFC7106653 、 NNFC7111688 NNFC7111616 / NNFC7111653 NNFC7116688 / NNFC7116616 NNFC7116653	0.25A	54W (2X(76X0.33W/LED Module))	0.99	2.3
NNFC4006788 / NNFC4006716 NNFC4006753 / NNFC4011788 NNFC4011716 / NNFC4011753 NNFC4016788 / NNFC4016716 NNFC4016753	0.12A	26W (2X(110X0.13W/LED Module))	0.95	2.3

Components and Installation Methods

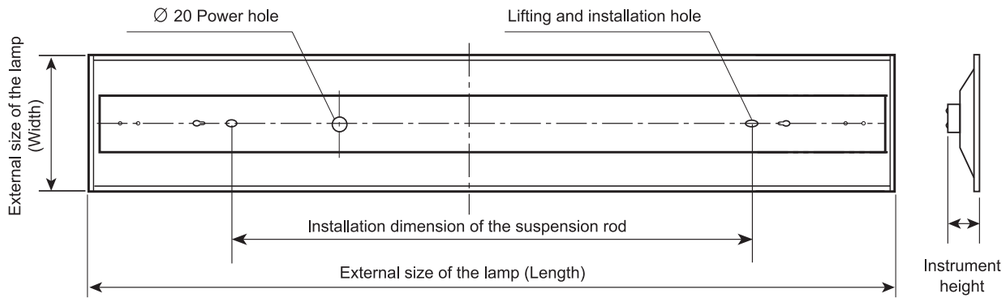
Before installation, make sure to cut off the power to avoid electric shock.

Method for Dismounting LED Module:

- The position with an indicating sign ⏢ is where the spring shall be installed.
- Open the gap from both ends of the LED module gently, slide your hands to the sign location and then pull down the spring to dismount it.
- To dismount the whole module, please cut off the power first, dismantle the power wires, then dismount the earth wire, and lift the two hooks up to remove the module.

* During the dismounting, please use your both hands.

Lamp Installation Distance



Lamp Models	Instrument height (mm)	Size of the insert hole (mm)	External size of the lamp (Length × Width mm)	Installation dimension of the suspension rod (mm)
NFV40243WE1Z NFV40293WE1Z NFV40343WE1Z NFV40248WE1Z NFV40298WE1Z NFV40348WE1Z NFV40243WE1A NFV40293WE1A NFV40343WE1A NFV40248WE1A NFV40298WE1A NFV40348WE1A NFV40243WE1E NFV40293WE1E NFV40343WE1E NFV40248WE1E NFV40298WE1E NFV40348WE1E	65	1185 x 125	1197 x 147	800
NFV40244WE1Z NFV40294WE1Z NFV40344WE1Z NFV40249WE1Z NFV40299WE1Z NFV40349WE1Z NFV40244WE1A NFV40294WE1A NFV40344WE1A NFV40249WE1A NFV40299WE1A NFV40349WE1A NFV40244WE1E NFV40294WE1E NFV40344WE1E NFV40249WE1E NFV40299WE1E NFV40349WE1E	65	1185 x 275	1197 x 297	800

Lamp Models	Instrument height (mm)	Size of the insert hole (mm)	External size of the lamp (Length × Width mm)	Installation dimension of the suspension rod (mm)
NNFC4006688 / NNFC4006616 NNFC4011688 / NNFC4011616 NNFC4016688 / NNFC4016616 NNFC4006788 / NNFC4006716 NNFC4011788 / NNFC4011716 NNFC4016788 / NNFC4016716 NNFC7106688 / NNFC7106616 NNFC7111688 / NNFC7111616 NNFC7116688 / NNFC7116616 NNFC7106788 / NNFC7106716 NNFC7111788 / NNFC7111716 NNFC7116788 / NNFC7116716 NNFC7116753/ NNFC7111753 NNFC7106753 / NNFC7116653 NNFC7111653 / NNFC7106653 NNFC4016753/ NNFC4011753 NNFC4006753 / NNFC4016653 NNFC4011653 / NNFC4006653	65	1185 x 125	1197 x 150	800
NNFC4006488 NNFC4006416 NNFC4011488 NNFC4011416 NNFC4016488 NNFC4016416 NNFC4006588 NNFC4006516 NNFC4011588 NNFC4011516 NNFC4016588 NNFC4016516 NNFC7106488 NNFC7106416 NNFC7111488 NNFC7111416 NNFC7116488 NNFC7116416 NNFC7106588 NNFC7106516 NNFC7111588 NNFC7111516 NNFC7116588 NNFC7116516 NNFC4006453 NNFC7106453 NNFC4011453 NNFC7111453 NNFC4016453 NNFC7116453 NNFC4006553 NNFC7106553 NNFC4011553 NNFC7111553 NNFC4016553 NNFC7116553	65	1185 x 275	1197 x 297	800