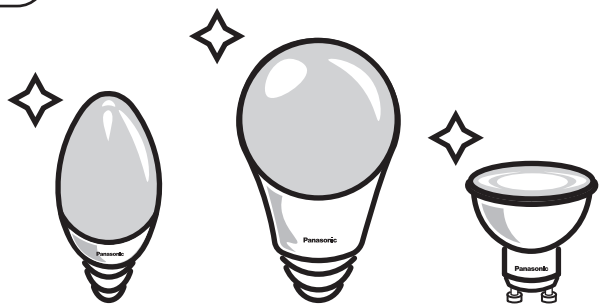
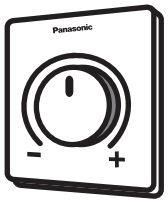
STEP 1 Choose the right dimmable bulb & dimmer switch.



Panasonic Dimmable Bulb Series

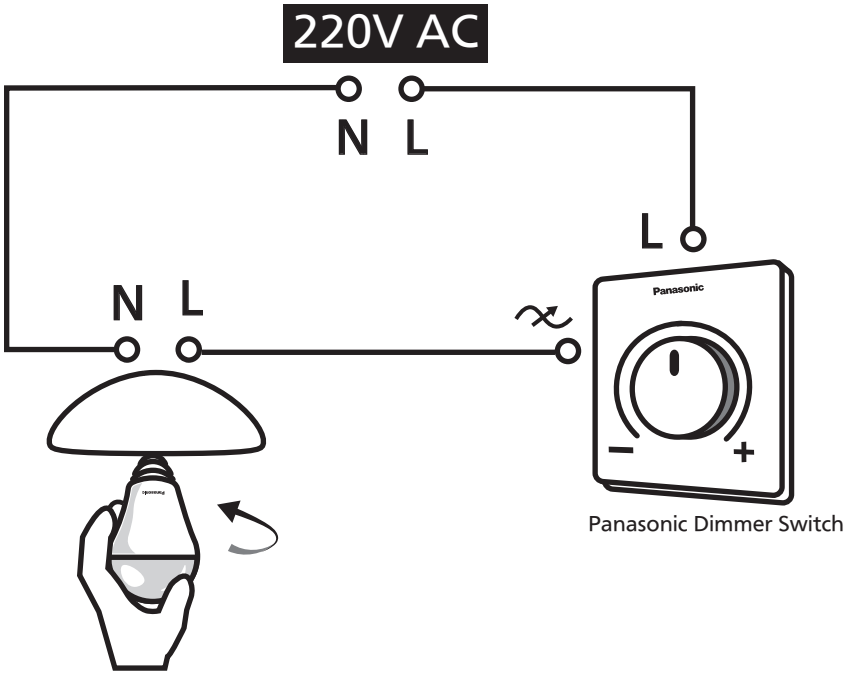


Panasonic Dimmer Switch

※Recommendation

Dimmable Bulb	Watt.	Lumen	Product No.	RC Dimmer 40-400W	Universal Dimmer 3-150W	KNX Dimming Actuator
LED A60 E27	8.5W	806lm	LDACH09LGDR7 LDACH09WGDR7 LDACH09DGDR7	Thea Blu: WBTM0525-5NC Karre Plus/Arkedia/ Arkedia Slim: WKTT0525-2XX, WNTC0525-2XX, WMTC0525-2XX Karre Plus 55: 90900X42, WDTT0525-2XX Novella/Trenda: 92600122, 92006542, 92008142, 92106X42 Linnera Life: 9040X092, 9044X092 Karre Clean: 90966X02 Karre/Meridian: 90967542, 90967X42, 90961X42, 90970X42, 90966X02 Linnera/Rollina: 90470092, 9040X092, 9042X092	Panasonic Thea Modular: WVTT2529-4XX Karre Plus: WKTT05295XX Karre Plus 55: 9090XX38, WDTT05295XX Novella/Trenda: 92600164 Karre Clean: 90966X38 Karre/Meridian: 90967X38	KNX Dimming Actuator 2 gang 300W DM102: WRKT5512E5NC KNX Dimming Actuator 4 gang 250W DM104: WRKT5414J5NC
LED A60 E27	10.5W	1055lm	LDACH11LGDR7 LDACH11WGDR7 LDACH11DGDR7			
LED C37 E14	4.7W	470lm	LDCCH05LGDR4 LDCCH05WGDR4 LDCCH05DGDR4			
LED MR16 GU10	4W	310lm	LDRCH04LWDR1 LDRCH04WWDR1 LDRCH04WWDR2 LDRCH04DWDR1			

STEP 2-1 Single Lamp mode Install the new dimmer switch and screw in the new dimmable bulb.



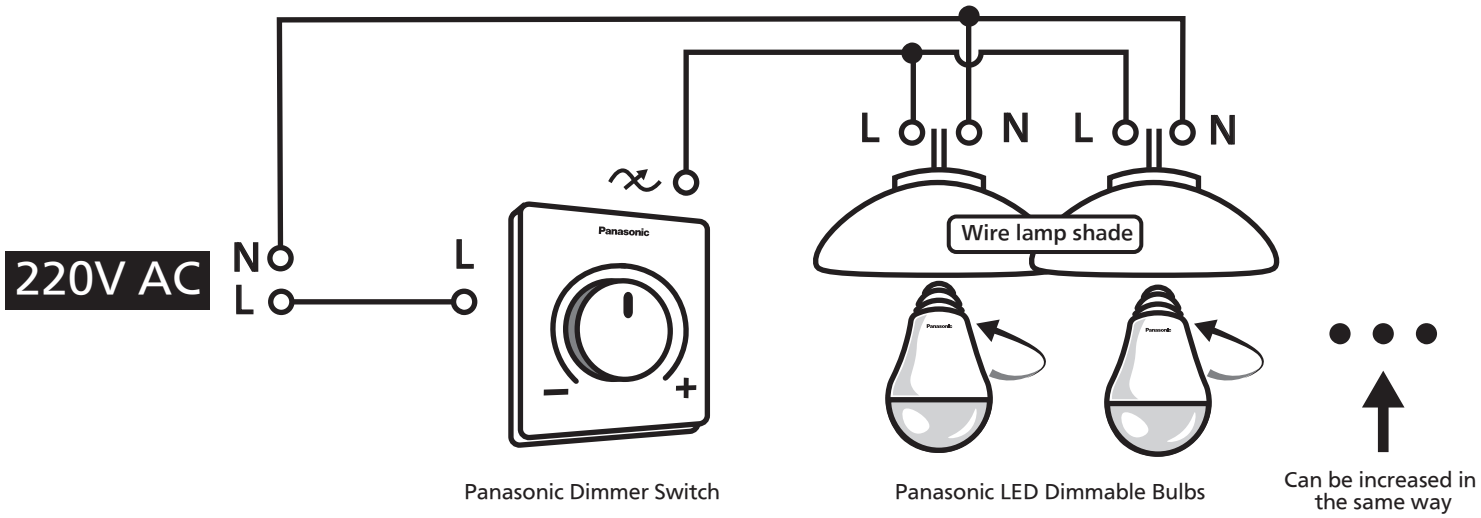
Panasonic Dimmer Switch

Panasonic LED Dimmable Bulb

It's suggested to install by a technician.
This wiring diagram is valid for all Panasonic A60,C37,MR16 lamps.
It is recommended to connect 3 or more C37 products for good dimming performance.

STEP 2-2 Multi Lamp mode

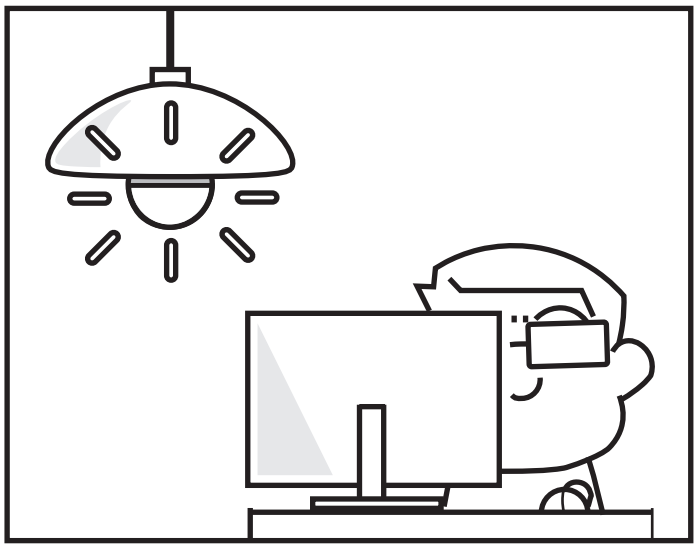
Install the new dimmer switch and screw in the new dimmable bulb.



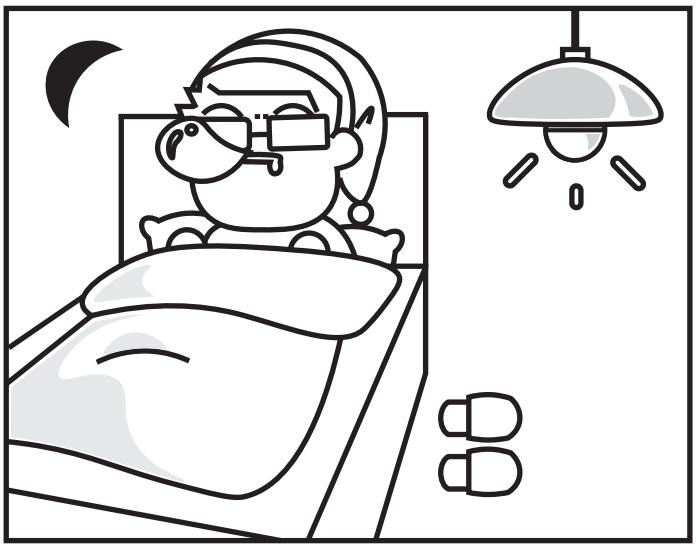
It's suggested to install by a technician.
This wiring diagram is valid for all Panasonic A60,C37,MR16 lamps.
It is recommended to connect 3 or more C37 products for good dimming performance.

STEP 3

Now you can adjust the brightness of the bulb to create different lighting brightness level.



Work Scene



Sleep Scene

NOTES

Please reference the dimmer manufacturer's instructions for installation.

In general Panasonic dimmable LED light sources can be dimmed with any type of dimmer (type R, RL, RC or RLC).
For best dimming results trailing edge dimmer type is recommended.
Trailing edge type dimmer requires the neutral wire for installation.

LED dimmers can be loaded up to the specified maximum dimmer power (Wattage).
Most (non-LED dedicated) dimmers can be loaded with LED light sources up to 20% of dimmer specified maximum power. Example: Dimmer 400W -> 20% = 80W, which means that e.g. up to 8 pcs 10W LED light sources can be connected.
Mixed loads may give unexpected dimming behavior or even result in defects, for which Panasonic /Viko cannot be held responsible.

LED light source are dimmable across the indicated dimming range, but may exhibit minor flickering at distinct dim settings.
When connected to a dimmer in its off-state, a LED light source may still emit a small, yet visible amount of light. This may e.g. occur if a low quantity of LED light sources is connected.
Always study the packaging of LED light sources if these can be used in combination with occupancy/motion sensors.

LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonic or electronic resonance).

The compatibility list is based upon testing conducted by the manufacturer in a lab simulated environment, and the results can vary in certain field applications due to a number of factors. Panasonic does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer, or when using other LED lamp types.
This list is based on measurements performed in a lab environment at nominal mains voltage, different mains voltages may result in a different dimming range.

The information contained here is believed to be accurate at the time it was published, but is provided ""AS IS"".

For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.