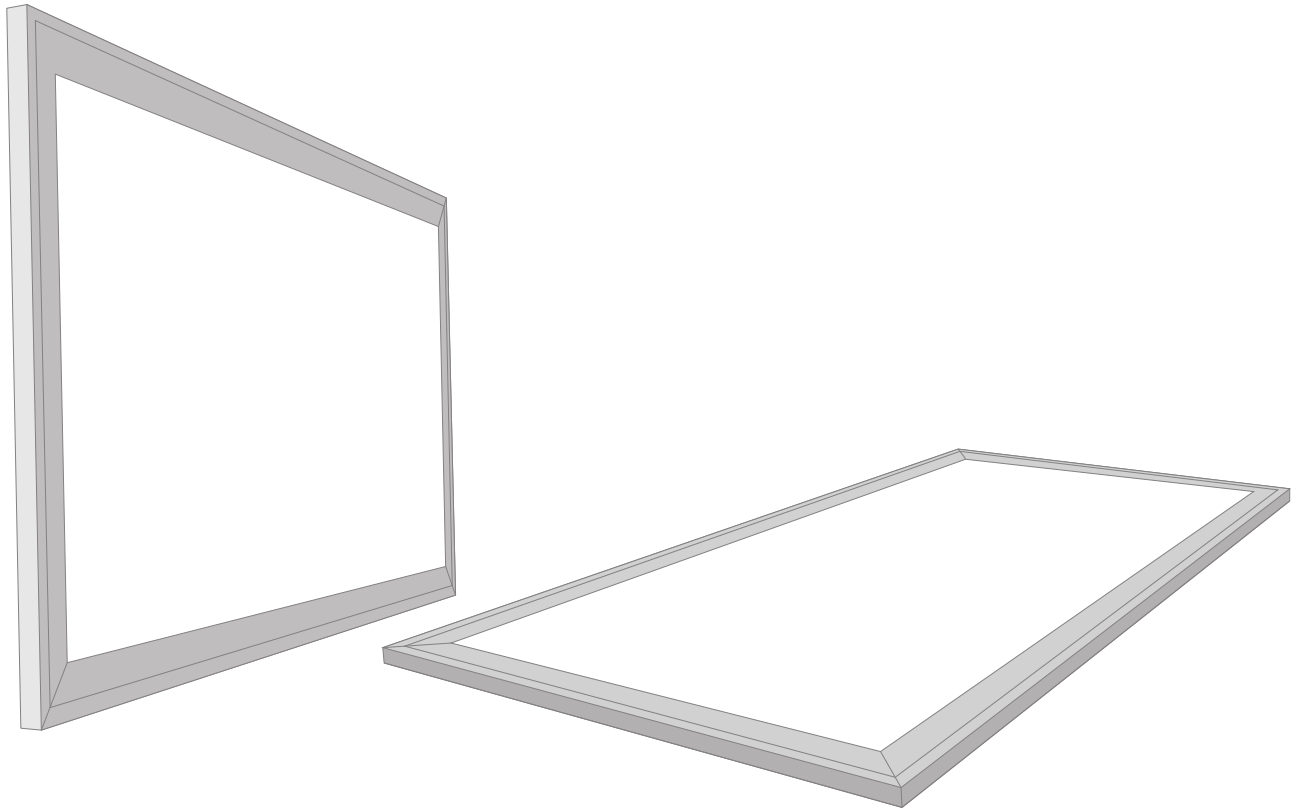


Skylight

ULTRA THIN LED PANEL

LED Panel Lights



1. Thank you for selecting our LED panel lights. Please refer installation to a qualified technician;
2. The buyer reserves the right to request replacement for any faulty resulted from material or assembling mistake;
3. In case of failure, do not maintain it in private, or the buyers bear all the loss.

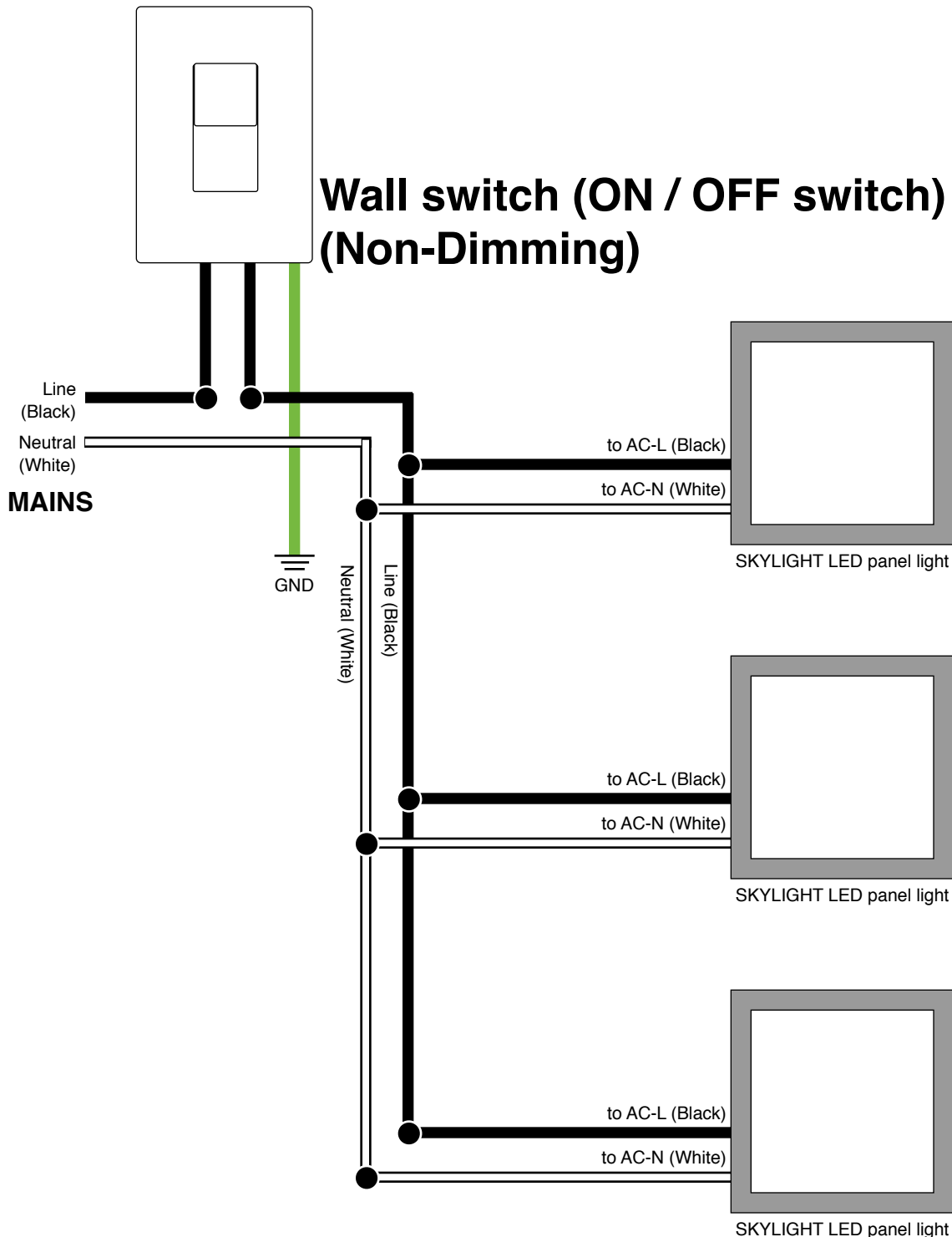
Skylight

ULTRA THIN LED PANEL

Wiring diagram with Wall switch

page 2

Wiring diagram for Ultra-thin LED Panel Light with wall switch



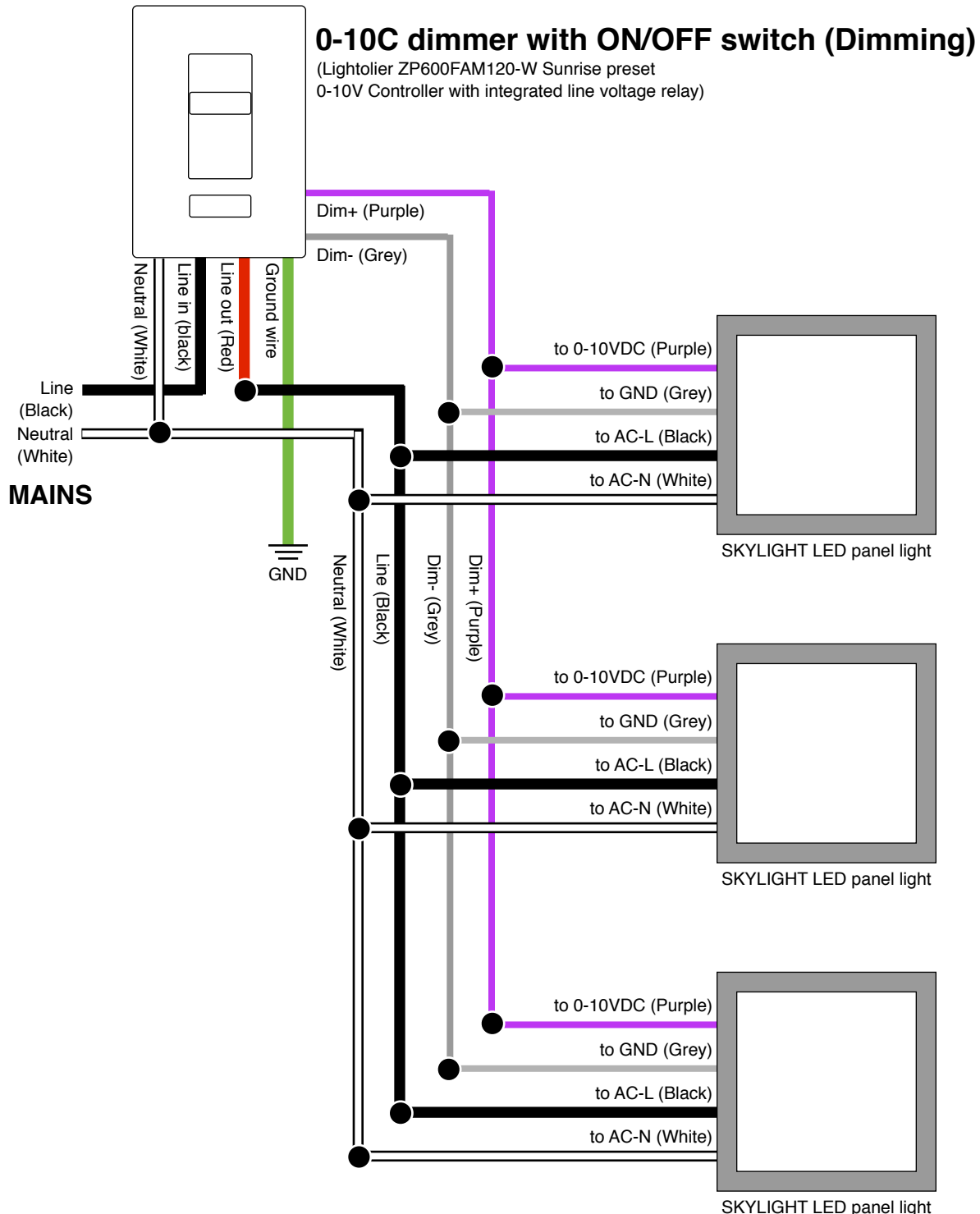
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ULTRA THIN LED PANEL

Wiring diagram with ON/OFF switch

page 3

Wiring diagram for Ultra-thin LED Panel Light with 0-10V dimmer



Skylight

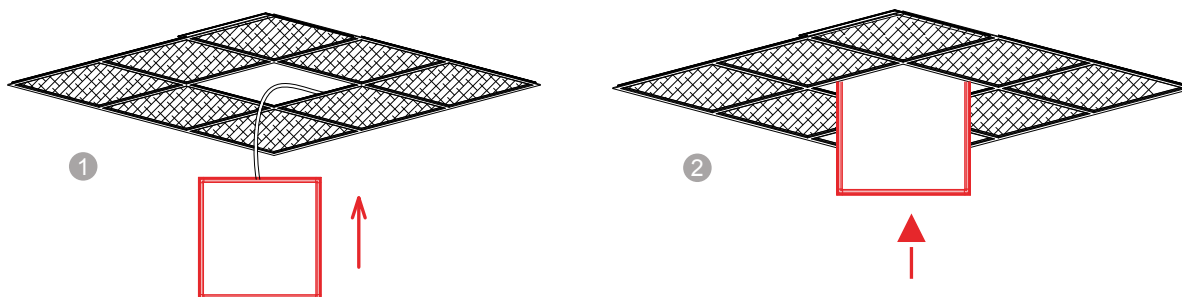
ULTRA THIN LED PANEL

Installation steps

page 4

Recessed Installation:

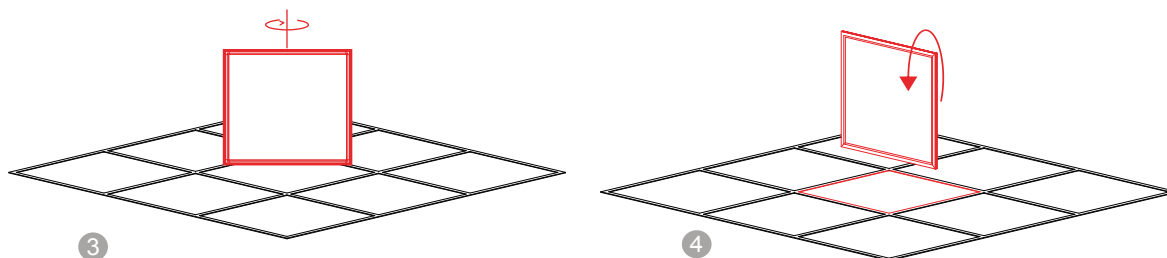
1. Install panel light on the ceiling board. (Picture 1, 2)



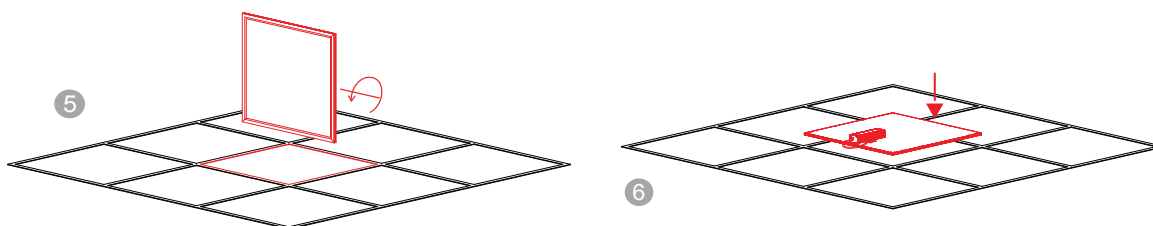
Note:

1. Turn over panel light with 45° and put it on the ceiling board.
Do not press or pass through ceiling board strongly.
2. Carefully install it so that it get a good lighting effect.
3. Consider the installation specification (Size) before choose the recessed panel light.

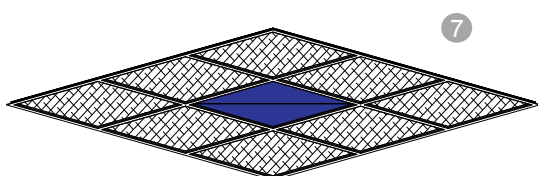
2. Take the lighting surface of panel light down. (Picture 3, 4)



3. Aligning the site of panel light and ceiling board and finish the installation. (Picture 5, 6)



4. The picture for finishing the installation and light it. (Picture 7)



Importance:

1. Finish the installation, check the connectors.
2. Check all connectors “+” and “-” poles to be connected correctly.
3. Check the sites with screws are locked tightly or not.

Skylight

ULTRA THIN LED PANEL

Wiring information

last page

Wiring diagram for Ultra-thin LED Panel Light with 0-10V dimmer

What is 0-10 Dimming?

Used as an early fluorescent dimming system and still used today, 0-10V dimming has been adapted to become a reliable LED dimming control protocol.

0-10V is one of the earliest and simplest electronic lighting control signaling systems; simply put, the control signal is a DC voltage that varies between zero and ten volts. The controlled lighting should scale its output so that at 10V, the controlled light should be at 100% of its potential output, and at 0 V it should be at the lowest possible dimming level.

What should I look for when picking a 0-10V controller?

Often, dimming ballasts and dimming LED power supplies use 0-10V control signals to control dimming functions. In many cases, the dimming range of the power supply or ballast is limited. If the light output can only be dimmed from 100% down to 10%, there must be a switch or relay available to kill power to the system and turn the light completely off.

Most 0-10V controllers offer either a built-in line voltage relay or an external line voltage relay. Depending on the application, these options should be considered.

Which manufactures sell 0-10V compatible controllers?

Most manufactures of lighting controls offer a 0-10V option. Here are a few popular examples.

Lutron: DTVV-WH Diva 0-10V controller (module sold separately).

Lutron: PP-20 Line voltage relay module.

Lightolier: ZP600FAM120-W Sunrise preset 0-10V controller with integral line voltage relay.

Leviton: IP710-DLX Illumatech preset 0-10V controller with integral line voltage relay.

Driver Connection

