Scheduling Switch

[1-Group]   [2-Group]
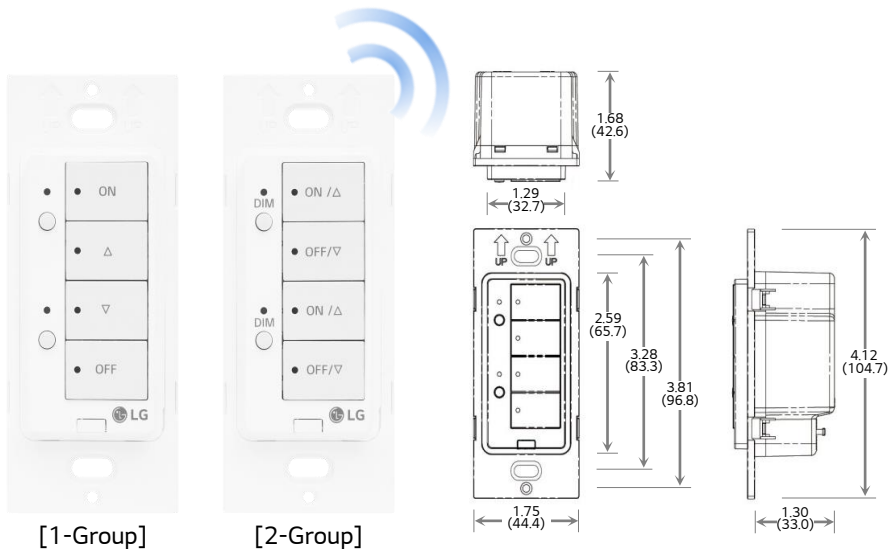
Feature & Benefits

- Easy replacement of existing wall switch (fits into standard wall box
  and faceplates)
- Both two-wire(non-neutral) and three-wire(with Resistor) box applicable
- Integrated RTC(Real time clock) & back-up battery (rechargeable by line
  voltage) embedded for durability of scheduling
- Overheat protecting through internal thermal switch
- OFF Status Switch at front panel for safe installation & maintenance
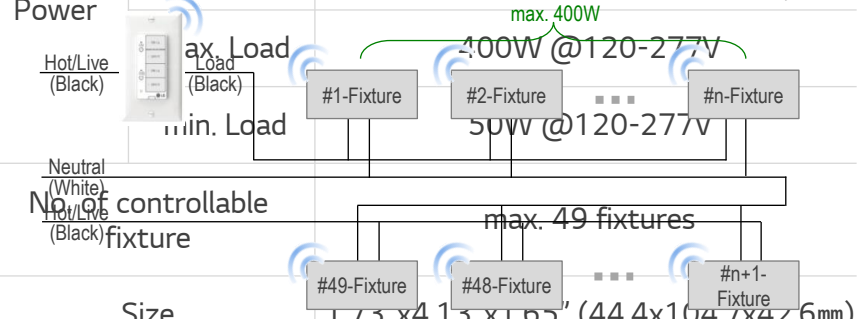- More energy saving with integrated scheduling function
- Minimize labor cost with wireless configuration for luminaires
- Intuitive operation & function
- Use for LG SENSOR CONNECT luminaires only

Applications

- Office / School / Retail
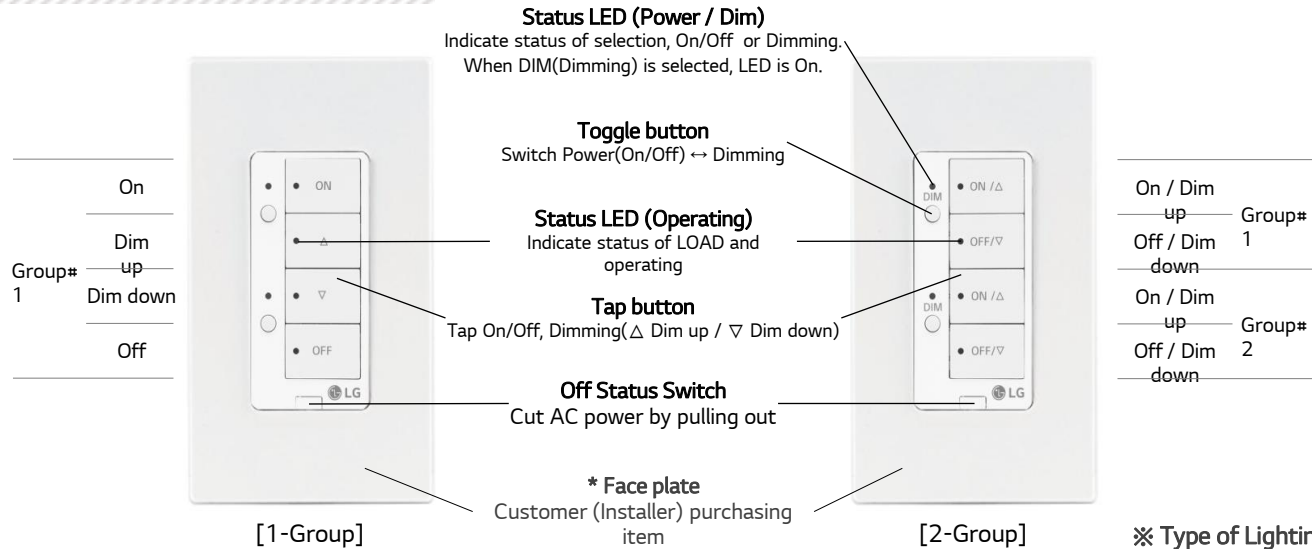
Specification

Category		Specification
Function	Control	On/Off, Dimming, Scheduling
	Control options	Auto On/Auto Off Manual On/ Auto Off Manual On/Manual Off
	Indicator	LED Hole, Amber LED (On/Off)
Wireless	Protocol	ZHA & LG SENSOR CONNECT
	Frequency	ISM 2405~2480 MHz
	Range	7dBm±3dB (98ft30m@free space without physical barriers)
Power	Input voltage	120-277 VAC (non-neutral), 60Hz
	Consumption	max. 0.5W @120-277V
	Max. Load	400W @120-277V
	Min. Load	50W @120-277V
	No. of controllable fixture	max. 49 fixtures
	Size	1.73 x4.13 x1.65″ (44.4x104.7x42.6㎜)

NOTE! All technical specifications are given as guidance only. This specification may differ from actual product.
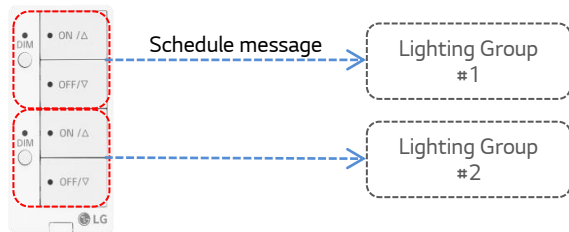
Scheduling Switch

Operation

Status LED (Power / Dim)
Indicate status of selection, On/Off or Dimming.
When DIM(Dimming) is selected, LED is On.

Toggle button
Switch Power(On/Off) ↔ Dimming

Status LED (Operating)
Indicate status of LOAD and operating

Tap button
Tap On/Off, Dimming(△ Dim up / ▽ Dim down)

Off Status Switch
Cut AC power by pulling out

* Face plate
Customer (Installer) purchasing item

Group#1 — On / Dim up / Dim down / Off

[1-Group]

On / Dim up — Off / Dim down — Group#1
On / Dim up — Off / Dim down — Group#2

[2-Group]

System Behavior

Schedule message →
Lighting Group #1

Lighting Group #2

- Set schedule using LG SENSOR CONNECT Commissioning App.

- Send message including parameters to the designated lighting group
  at setting time

※ Example of Schedule parameter

(for Type-1.2)

Time	Max. level	Mid. level	Min. level
08:00	80%	40%	20%
12:00	40%	20%	0%
13:00	80%	40%	20%
18:00	60%	20%	0%
19:00	0%	0%	0%

(for Type-3)

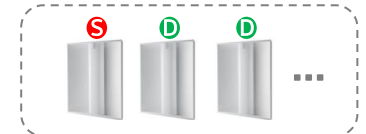| Time	Max. level	Min. level
08:00	80%	20%
12:00	40%	0%
13:00	80%	20%
18:00	60%	0%
19:00	0%	0%

* Remark : Group composed of Dongles only is set a dimming range as two levels, Max and Min.

※ Type of Lighting Group
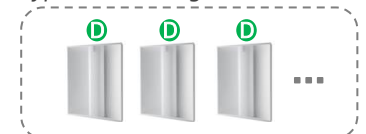
Type-1 : All Sensor embedded
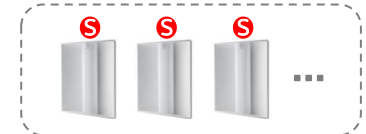
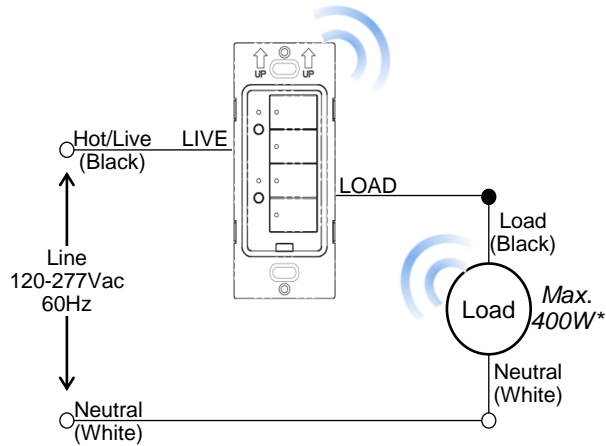Type-2 : Sensor & Dongle mixed

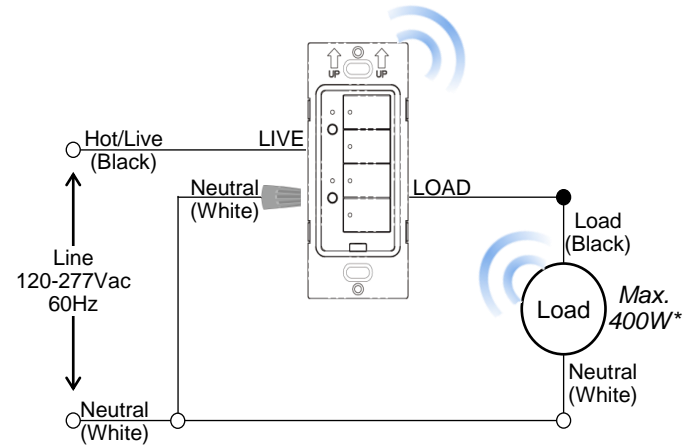Type-3 : All Dongle inserted

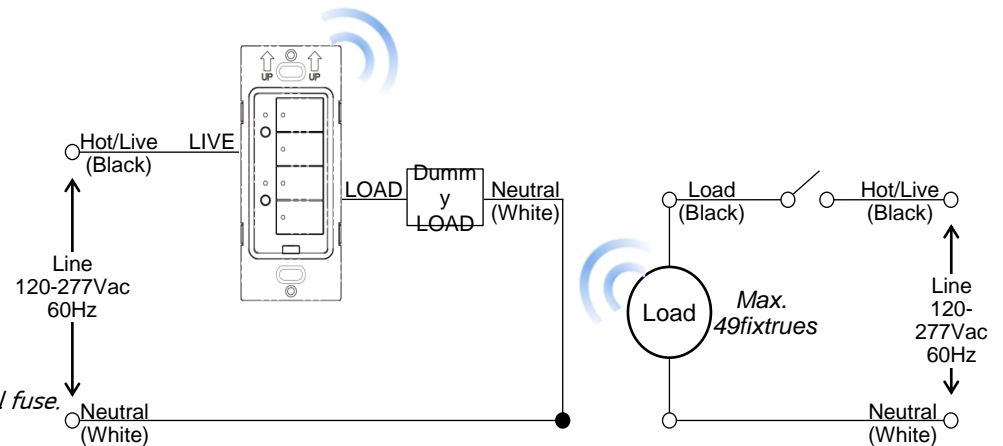Ⓢ Sensor embedded Ⓓ Dongle inserted

Scheduling Switch

Wiring Diagrams

Non-Neutral

Hot/Live (Black)

LIVE

LOAD

Line 120-277Vac 60Hz

Neutral (White)

Load (Black)

Load

Max. 400W*

Neutral (White)

Neutral

Hot/Live (Black)

LIVE

Neutral (White)

LOAD

Line 120-277Vac 60Hz

Neutral (White)

Load (Black)

Load

Max. 400W*

Neutral (White)

Neutral (using Dummy LOAD**)

Hot/Live (Black)

LIVE

LOAD

Dummy LOAD

Neutral (White)

Line 120-277Vac 60Hz

Neutral (White)

Load (Black)

Load

Max. 49fixtrues

Hot/Live (Black)

Line 120-277Vac 60Hz

Neutral (White)

* In case of exceeding 400W,
    ~1200W : Lighting is turned on and off at 30min~1hr Intervals.
    1200W~ : Lighting is not turned on due to the snapping of internal fuse.
**Dummy LOAD : Provided separately upon request

Scheduling Switch

Installation Guide

❶

ON OFF

ON → OFF

❷

❸

❹

❺

LOAD

STRIP GAUGE

LIVE

12.0 mm

❻

❼

❽

❾

ON OFF

ON ← OFF