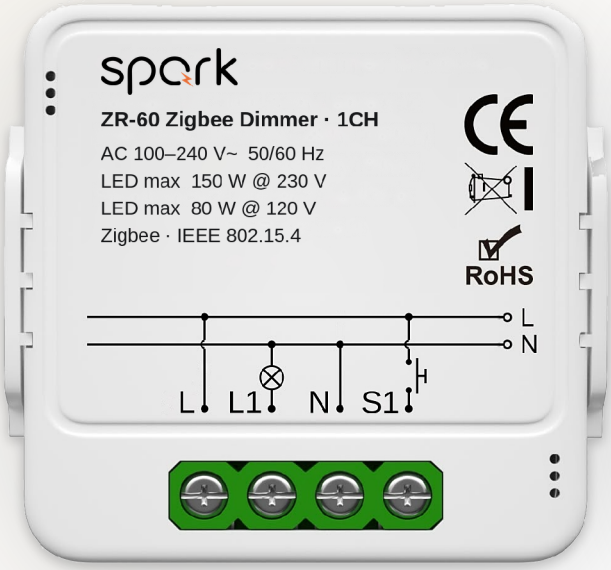
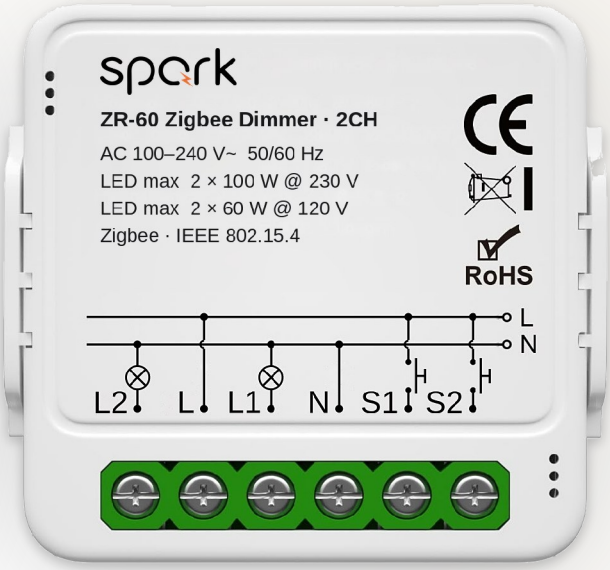


ZR-60 · 1CH



ZR-60 · 2CH

SHOWN: SPARK ZR-60 DIMMER · 1CH AND 2CH

FITS BEHIND YOUR SWITCH

SPARK ZR-60 DIMMER · ZIGBEE DIMMER MODULE

Keep your switch. Add a dimmer behind it.

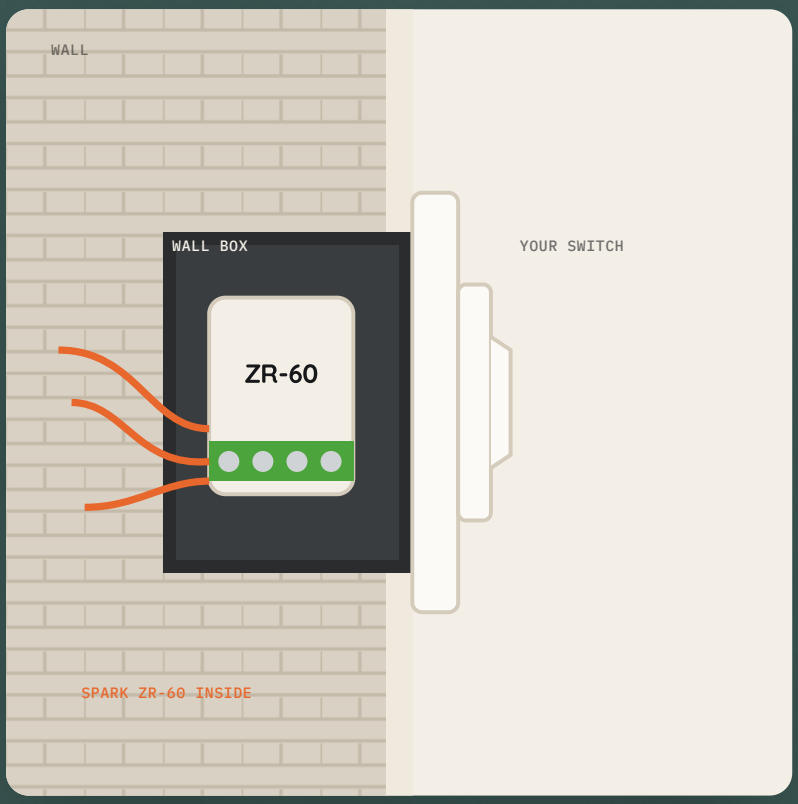
The Spark ZR-60 is a small Zigbee dimmer module that fits in the wall box, behind the light switch you already have. Dim your LED lights from 0 to 100% from the app or by voice, and keep using the switch on the wall. Available in 1 channel and 2 channels.

- Zigbee
- 1CH · 2CH
- Dimming 0–100%
- LED loads
- AC 100–240 V~
- Behind your switch

HOW IT FITS

Hidden in the wall. Your switch stays.

The ZR-60 sits in the wall box behind a normal light switch. Nothing new on the wall, and nothing new to learn: the switch you know now works with a smart dimmer.



1 **Power off**

Switch off the circuit at the breaker.

2 **Wire the ZR-60**

Connect L, N, the light and the switch to the module in the wall box.

3 **Refit your switch**

Put the switch plate back. The module is out of sight.

4 **Pair with Zigbee**

Add it to your Zigbee smart home through a Zigbee gateway.

NEUTRAL

Needs L and N

The module has a neutral (N) terminal. A neutral wire is needed in the box.

YOUR SWITCH

One or two switches

Wire one switch, two switches for two-way, or none at all.

SAFETY

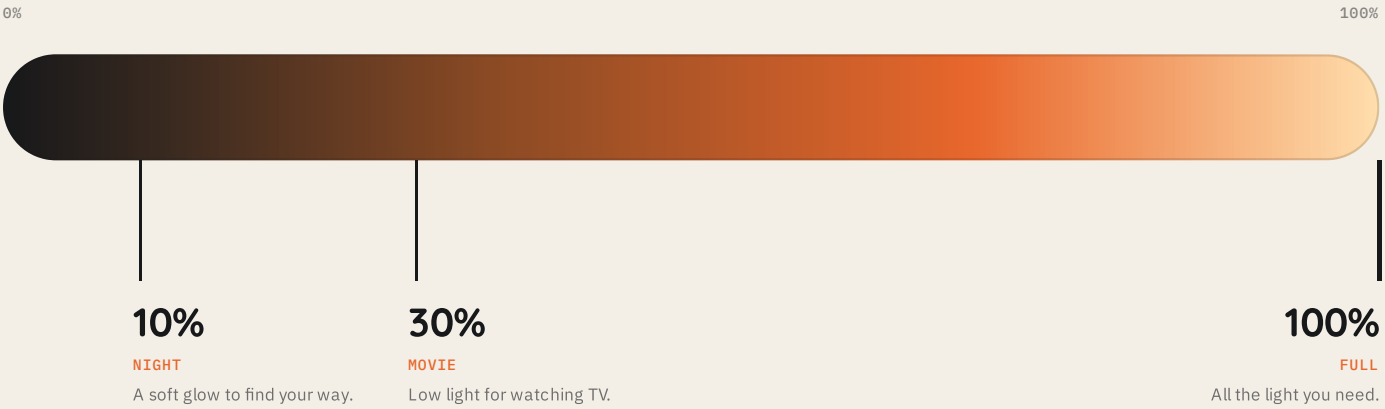
Qualified electrician

Installation should be done by a qualified electrician with the power off.

STEPLESS DIMMING

Any brightness from 0 to 100%.

Set the light the way you want it: a little for sleeping, a bit more for a movie, or full brightness.



THREE WAYS TO CONTROL IT

Your wall switch

The switch you already have keeps working, wired to the S terminal.

The app

Set the brightness from 0 to 100% from your phone.

Your voice

Use voice control through a compatible Zigbee gateway and voice assistant.

For dimmable LED lamps. Check that your lamps are dimmable before you install.

CHOOSE YOUR VERSION

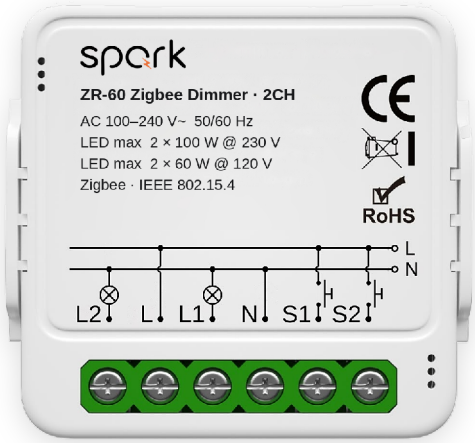
One light or two, from one box.

1 CHANNEL

ZR-60 · 1CH

One dimmable light circuit

2 CHANNELS



ZR-60 · 2CH

Two dimmable light circuits

	ZR-60 · 1CH	ZR-60 · 2CH
Light circuits	1	2
Max load at 230 V	LED 150 W	LED 2 × 100 W
Max load at 120 V	LED 80 W	LED 2 × 60 W
Switch inputs	S1	S1 · S2
Terminals	L · L1 · N · S1	L2 · L · L1 · N · S1 · S2
Voltage	AC 100–240 V~, 50/60 Hz	AC 100–240 V~, 50/60 Hz
Wireless	Zigbee · IEEE 802.15.4	Zigbee · IEEE 802.15.4

TIP

A two-gang switch with two light circuits? Use the 2CH and dim each light on its own.

2CH

WIRING

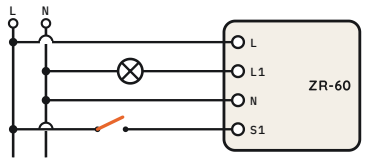
Three ways to wire it.

With one switch, with two switches for two-way control, or with no switch at all.

ZR-60 · 1CH L · L1 · N · S1

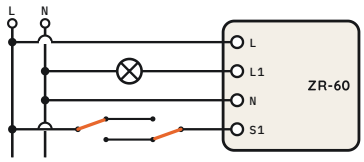
One switch

A switch from L to S1.



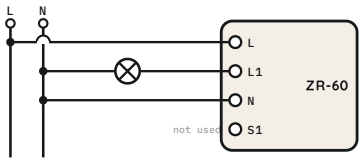
Two switches

Two-way switches on S1.



No switch

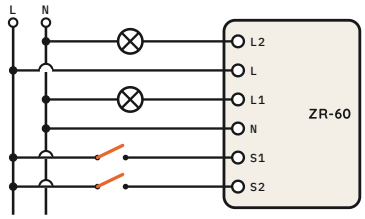
App and voice only. S1 not used.



ZR-60 · 2CH L2 · L · L1 · N · S1 · S2

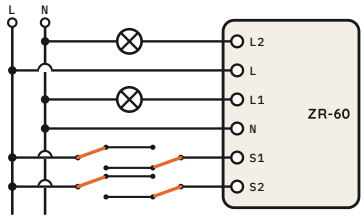
One switch per light

Switches from L to S1 and S2.



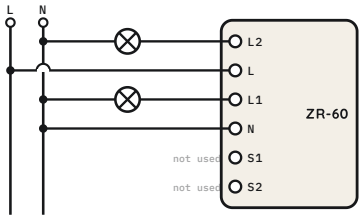
Two switches per light

Two-way switches on S1 and S2.



No switch

App and voice only. S1, S2 not used.



Dimmable LED light Wall switch Power off before wiring · installation by a qualified electrician

WHY IT WORKS

Small module. Big difference.

Zigbee

Joins your Zigbee smart home through a Zigbee gateway.

0–100% dimming

Stepless brightness for dimmable LED lights.

Behind the switch

Fits in the wall box behind your existing switch.

1 or 2 channels

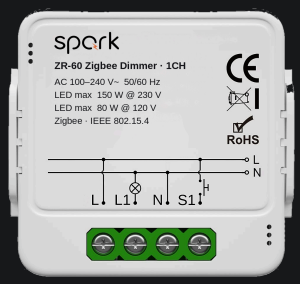
Dim one light, or two lights on their own.

SPECIFICATIONS

Model	**Spark ZR-60 Dimmer**
Product	**Zigbee dimmer module**
Versions	**1CH · 2CH**
Voltage	**AC 100–240 V~, 50/60 Hz**
Max load 1CH	**LED 150 W (230 V) · 80 W (120 V)**
Max load 2CH	**LED 2 × 100 W (230 V) · 2 × 60 W (120 V)**
Dimming	**0–100%, stepless**
Wireless	**Zigbee · IEEE 802.15.4**
Frequency	**2.4–2.484 GHz**
Terminals 1CH	**L · L1 · N · S1**
Terminals 2CH	**L2 · L · L1 · N · S1 · S2**
Neutral	**Required**
Installation	**In the wall box, behind the switch**

PART OF THE SPARK HOME

Make the lights you have smart, without changing the wall.



spark

SPARK-HOME.COM