

FIBARO | Dimmer 2

Model: FGD-212 ZW5

Radio controlled light dimming module, designed to work with various types of light sources. May be connected to two-wire or three-wire configuration. FIBARO Dimmer 2 can switch or dim connected light source either through radio waves or through the wall switch connected directly to it. New FIBARO Dimmer 2 is equipped with an algorithm of smart light source detection which makes configuration easier and ensures high compatibility of the device. It features automatic overload protection switch-off and soft start function.



AS A DIMMER IT OPERATES UNDER THE FOLLOWING LOADS:

- ✓ 230V operated conventional incandescent and halogen light sources
- ✓ 12V operated ELV halogen lamps and dimmable LED bulbs (with electronic transformers)
- ✓ 12V operated MLV halogen lamps (with ferromagnetic transformers)
- ✓ dimmable LED bulbs
- ✓ dimmable compact fluorescent CFL tube lamps
- ✓ supported dimmable light sources (power factor > 0.5) with minimal power of 5VA using FIBARO Bypass 2 (depending on the type of load)

WITHOUT DIMMING FUNCTION IT MAY WORK WITH:

- ✓ compact fluorescent CFL tube lamps with electronic ballast
- ✓ fluorescent tube lamps with electronic ballast
- ✓ LED bulbs (power factor > 0.7)
- ✓ supported light sources (power factor > 0.5) with minimal power of 5VA using FIBARO Bypass 2 (depending on the type of load)

TECHNICAL DATA

Power source	220-240V~ 50Hz
Output power	50-250W (resistive load)
Power consumption	up to 1.3W
Ambient temperature	0°C - 35°C
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.42 MHz or 869.85 MHz EU 908.4 MHz or 916 MHz US 921.4 MHz or 919.8 MHz ANZ 869 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Compliant with EU directives	RoHS 2011/65/EU RED 2014/53/EU
Outside dimensions (L x W x H)	42.5 x 38.25 x 20.3mm

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30