

RGBW Controller

**Wizard of well-being**



# Unearthly potential

Fibaro RGBW Controller is a one of a kind, advanced wireless 4-colour LED strip controller. Apart from traditional RGB channels, it also supports the additional white light channel, which allows for adding pastel to the colour scheme.

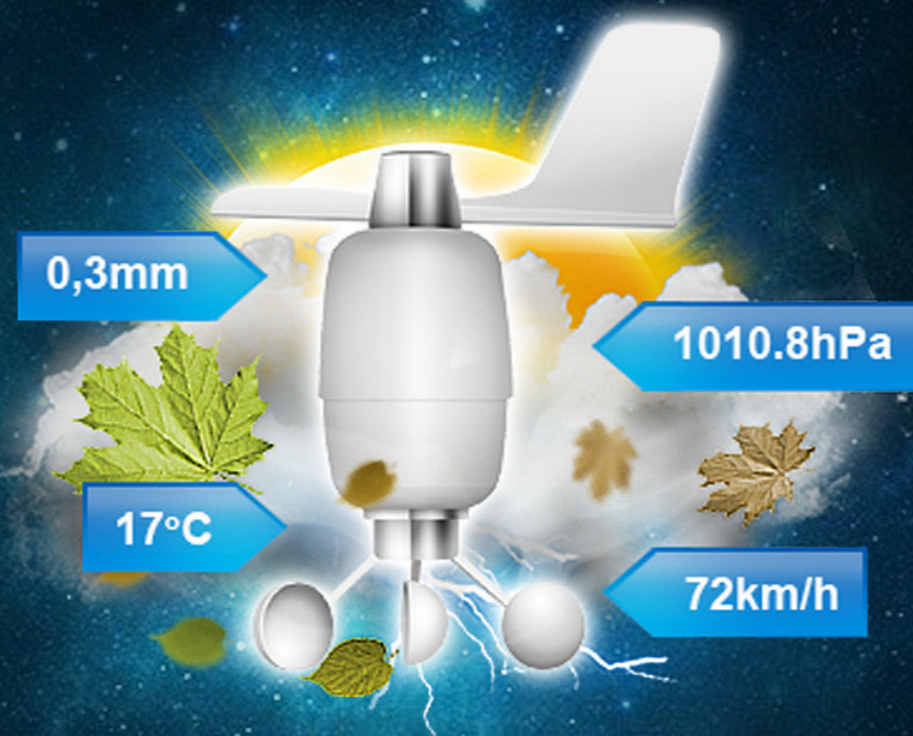


# Unearthly potential



## RGB or RGBW?

Fibaro RGBW Controller controls 3 as well as a 4 colour LED strips giving you millions of light colour options.



## Analog sensors

Fibaro RGBW Controller has four analog inputs supporting any sensors, operating within 0-10V range.



## Four output channels

Four output channels allow for connecting and independently controlling each of the connected light sources.

# Home... just how you like it

LED diodes are widely used in home lighting. LED lighting perfectly suits modern design, helping you feel warm and peaceful depending on your mood.



# Home... just how you like it

## Choose favourite colour

We have created an intuitive interface for your smartphone or tablet, making choosing your favourite colour for each lighting zone child's play.



# Create your own colour compositions...

Configuration interface lets you define any lighting colour, change its saturation, set predefined colours from mobile devices, start programs, assign interior colours to specified user or use LED strips for reporting alarm events recorded by Fibaro Home Center built-in alarm system.



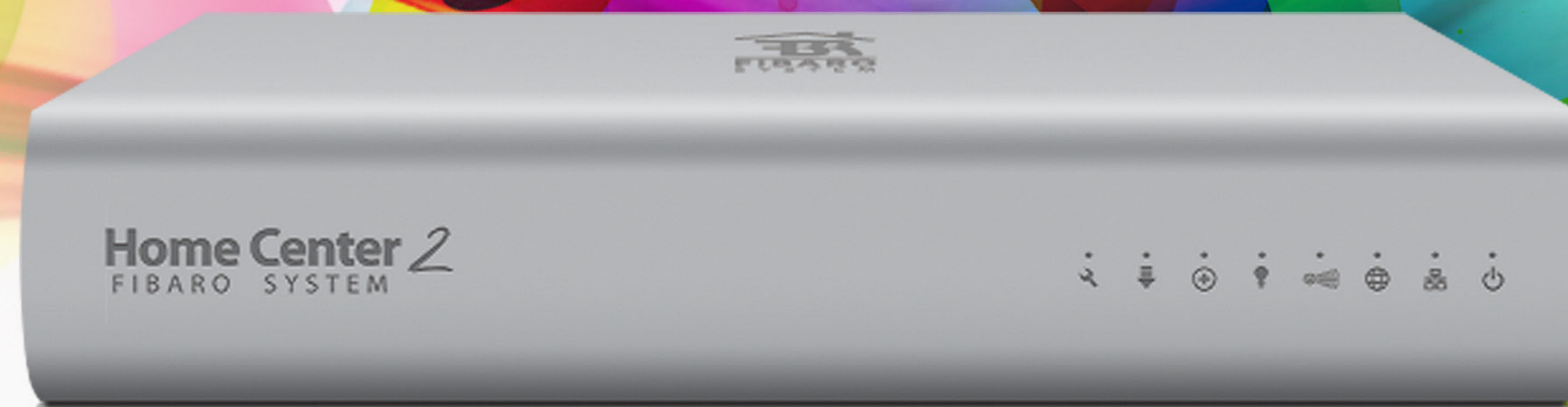
# ...or use one of predefined **colour schemes**

We designed four predefined lighting scenes with amazing animation. Immerse yourself in an atmosphere of warmth with light simulating a lit fireplace, or feel the magic of an inspirational morning in the colours of the morning dawn. Be sure to check the unique magic of colours in the animation that simulates a storm. We care about your safety by creating animation that simulates beacon warning lights.



# House alerts with colours

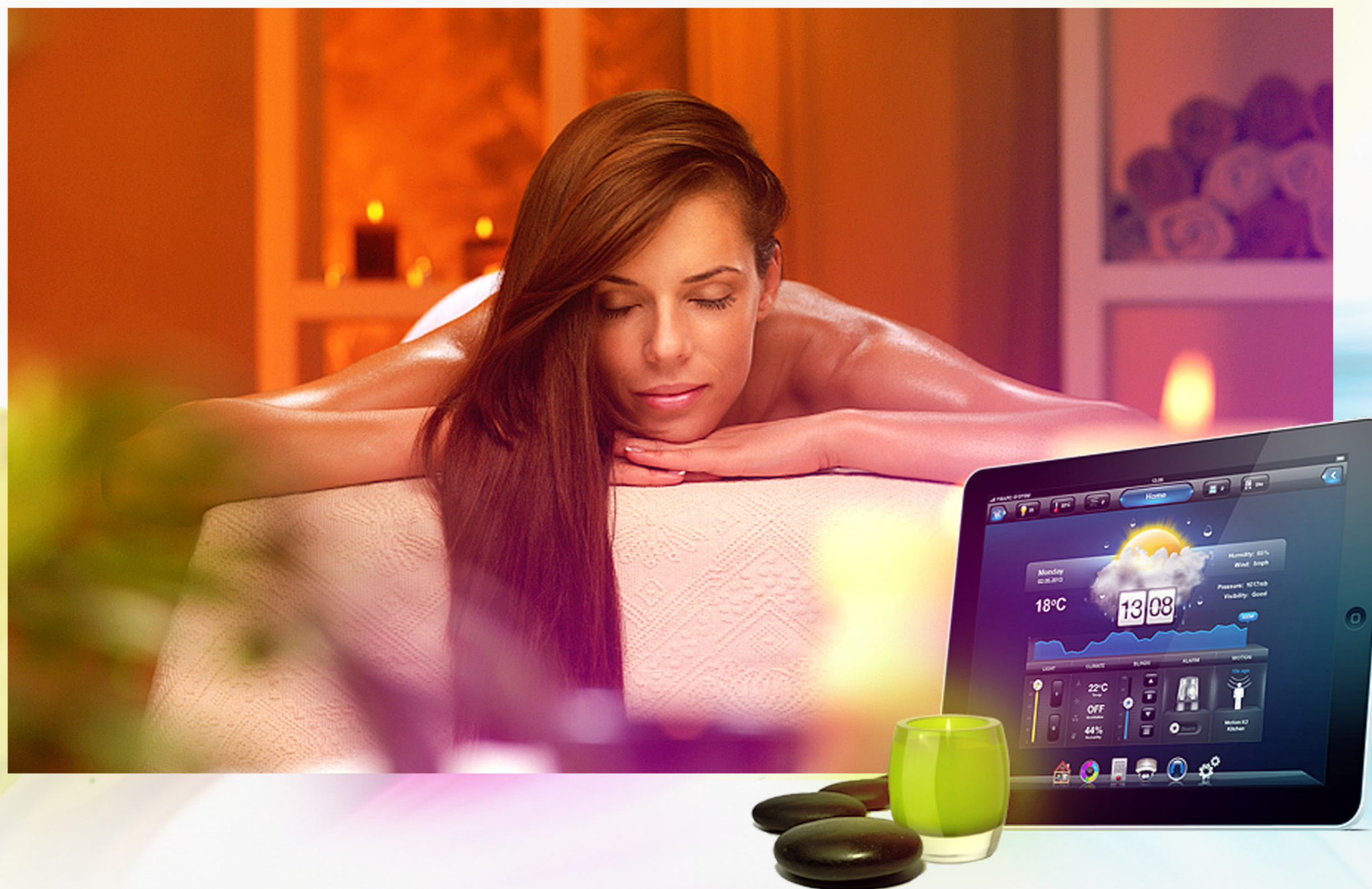
Your intelligent house reacts to anything happening around and informs you about it with colours of light. Use Fibaro RGBW Controller not only to arrange interior lighting schemes but also to inform you about any event you can imagine. Thanks to four analog inputs, Fibaro RGBW Controller may be connected to four independent analog sensors operating in 0-10V range.





# Enhance your interior

After a hard day's work you deserve to relax. All you have to do is start a programmed relax scene with a push of a button. Your intelligent home will do the rest - adjust the temperature and humidity, music volume and lighting scenes, with the help of analog sensors connected to the module. Pastel colours will help you calm down and forget about the stress.



# Immerse yourself in the colours of your imagination



# 48°C

water temp



Highlight your bathtub depending on the water temperature, which will give your bathroom interior an extraordinary glow.

# An explosion of colour



## Raining

Rain sensor



Every cloudy day turns into  
a colourful moment of pleasure.

# Flashing alerts



## Alarm

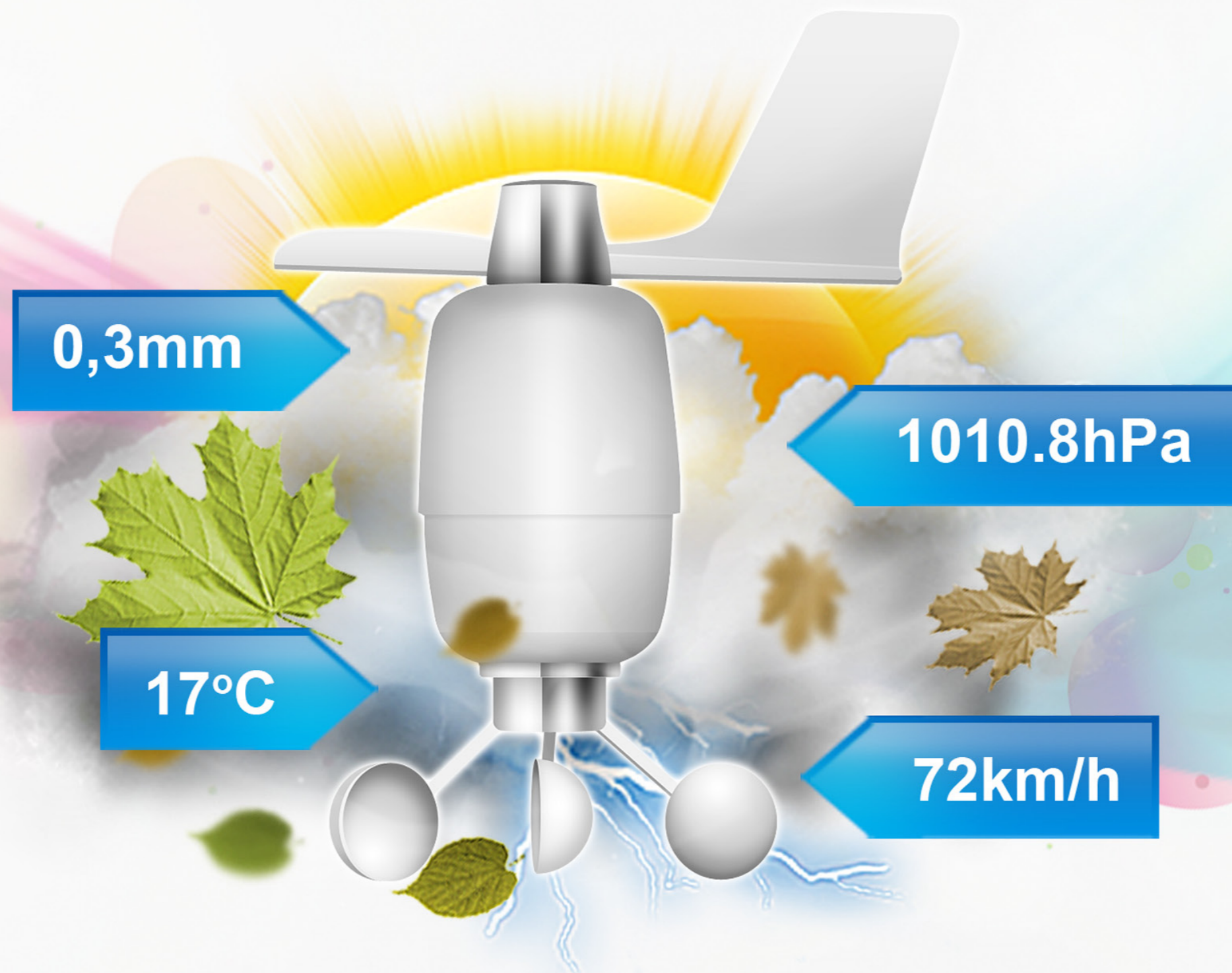
door sensor



Flashing RGB rays in the garden will notify your neighbors and emergency services on the presence of an intruder. Feel the comfort of safety.

# Unbelievable possibilities with analog sensors

Fibaro RGBW Controller supports up to four analog sensors, providing Fibaro Home Center 2 with more information to control your Fibaro System, giving you comfort and security.



# Start garden watering when the soil is actually dry

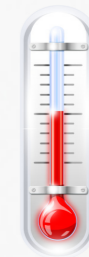


Connecting a temperature sensor and soil moisture sensor to a Fibaro RGBW Controller will ensure your lawn is watered when necessary. Using information from those sensors Home Center 2 will not waste any water on wet grass after a rain.

Recommended sensors



**LB-797**  
Soil moisture sensor



**AP-TOPZ5**  
Outside temperature sensor

# Moonlight will help you save electricity

Garden lighting not only looks good after dark but it also increases you and your family's safety. Garden lights intensity may be adjusted to match ambient lighting intensity with a light sensor connected to a Fibaro RGBW Controller.

Recommended sensors



**SERVODAN 43-198**  
Dusk sensor



**PRODUAL LUX24\***  
Dusk sensor

\* Sensor during test with the Fibaro System

**30 lx** Power Lights

**50%** Garden lighting



# Best child care



Use Fibaro RGBW Controller to continuously monitor conditions in your child's room. Connect four analog sensors and monitor air quality, humidity, pressure and temperature.

## Recommended sensors



**GIRA Instabus EIB/KNX**  
Air quality



**HOTCOLD HCRH-01**  
Inside humidity sensor



**PRODUAL KLH-100**  
Inside temperature sensor



**COMET SYSTEM T2214**  
Air pressure sensor



# Fish tank monitoring

Fibaro RGBW Controller supports sensors which let you monitor water temperature, CO<sub>2</sub> levels crucial for proper plant growth, pH levels appropriate for fishes or calcium levels. Fibaro RGBW Controller allows for monitoring four parameters which notify the user if any changes occur by push / sms / email or flashing light colours.

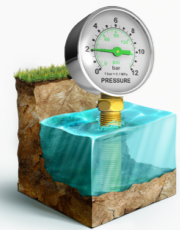
## Recommended sensors



**CO<sub>2</sub>**  
sensor\*



**Calcium**  
sensor\*



**Temperature**  
sensor\*



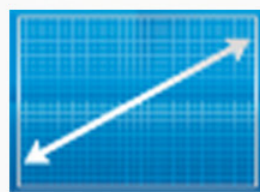
**pH**  
sensor\*

\* Jumo dTrans CR02 versatile water parameters transmitter



# Garage parking master

You can create lighted parking guidance in your garage using colour LED strips and analog proximity sensors. Illuminated colour will change depending on distance to the walls.



**GXSENSOR \***  
Distance sensor



**ROCKAUTOMATION \***  
Distance sensor



**PEPPERL & FUCHS \***  
Distance sensor



**MOTIONCONTROLSYSTEMS \***  
Distance sensor

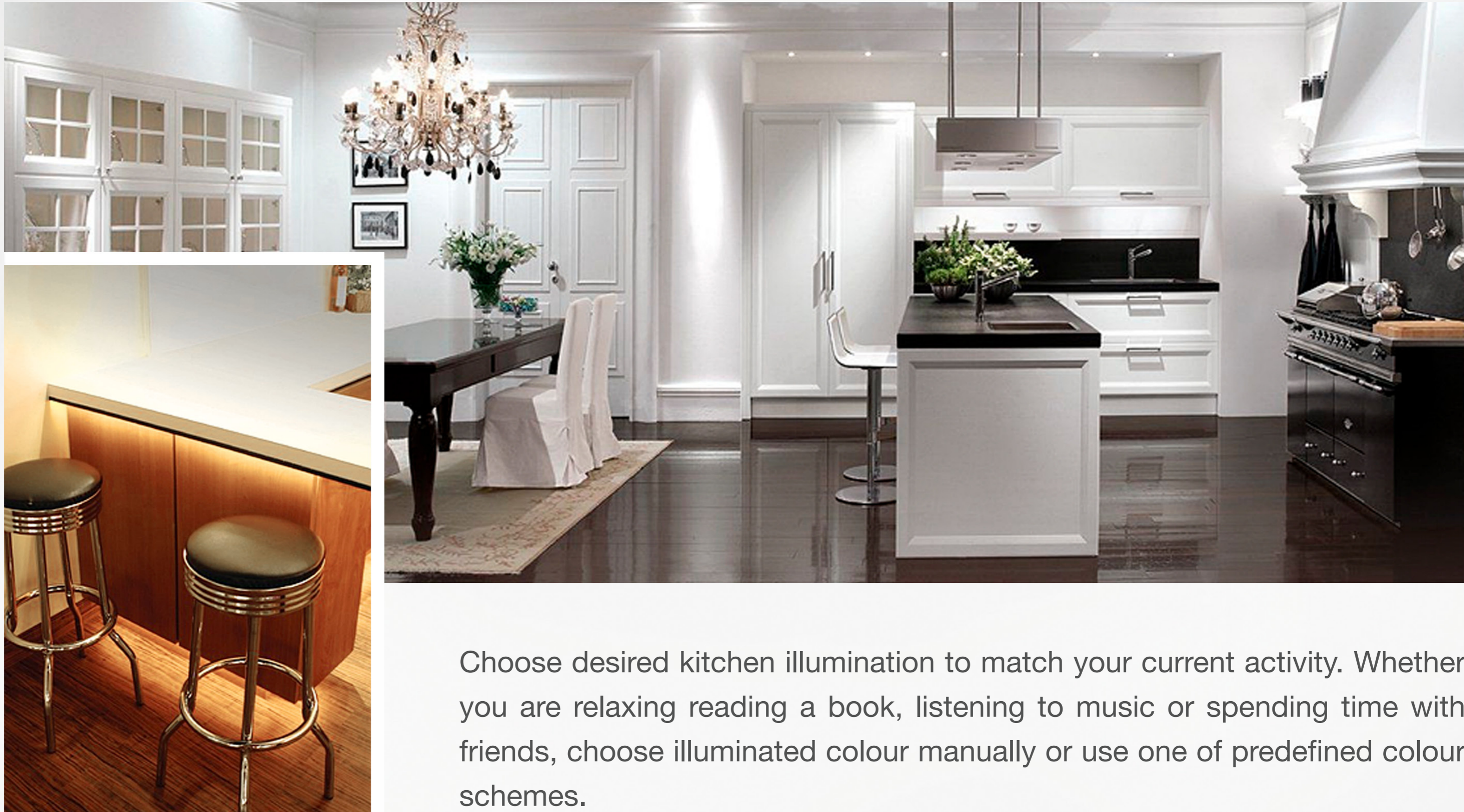
\* Sensor during test with the Fibaro System

# 4 - channel dimmer for 12/24V light sources

Fibaro RGBW Controller allows for managing four independent light channels.  
It's the world's only wireless controller allowing for dimming up to four connected light sources independently.



# Kitchen lights



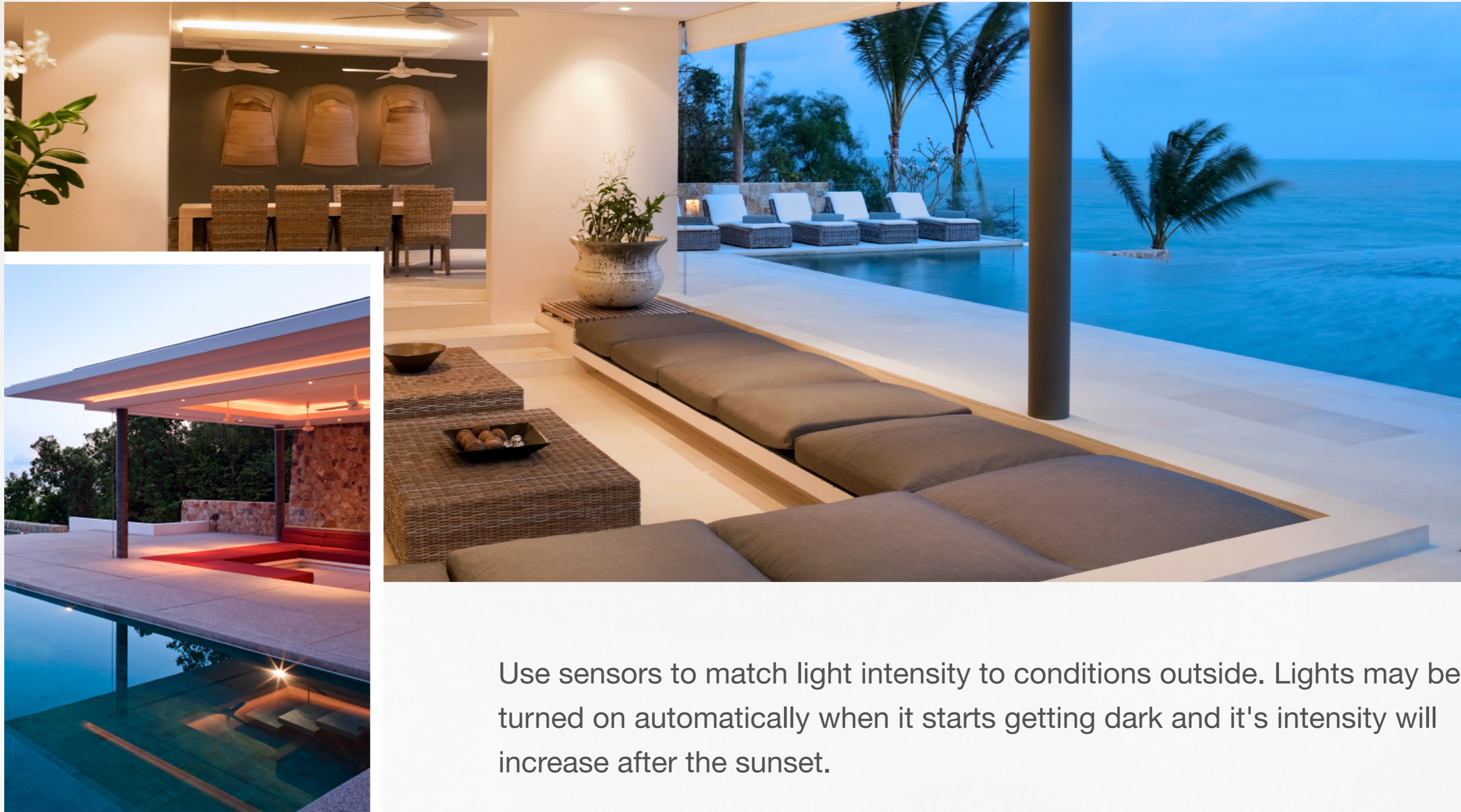
Choose desired kitchen illumination to match your current activity. Whether you are relaxing reading a book, listening to music or spending time with friends, choose illuminated colour manually or use one of predefined colour schemes.

# Temperature determine illumination



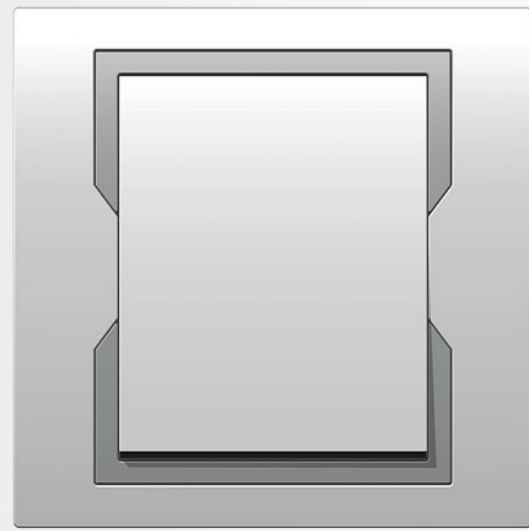
Illuminate heated floors, wash bowls, showers with LED strips that change colours depending on temperature. Staggering effect!

# Sensors determine illumination



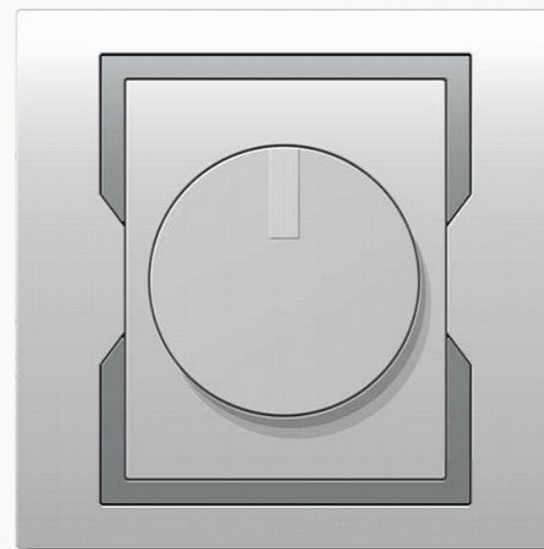
Use sensors to match light intensity to conditions outside. Lights may be turned on automatically when it starts getting dark and its intensity will increase after the sunset.

# Sensors determine illumination



## Wall switches

Set desired light colour manually, mixing colours using wall switches.



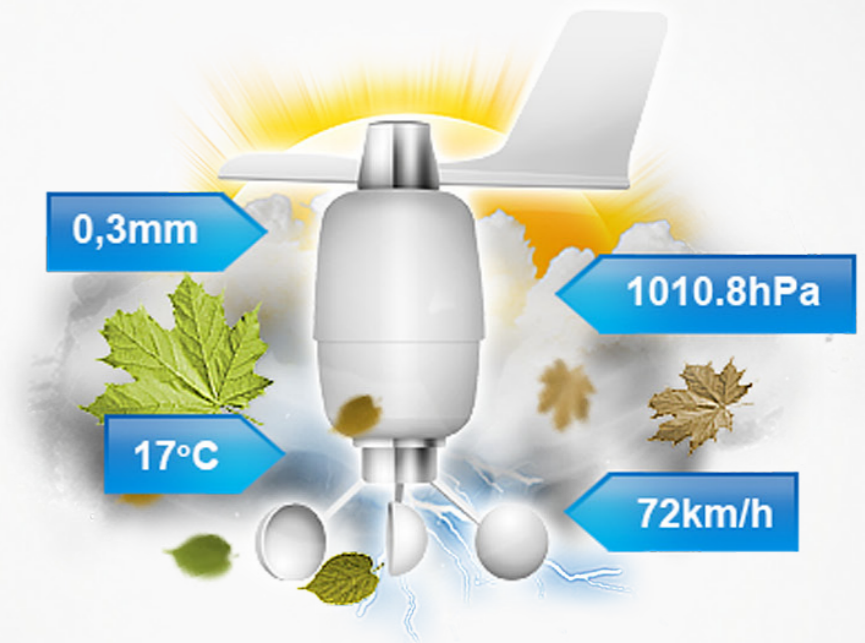
## Potentiometers

Potentiometer is a rainbow in your hand. Choose any colour you wish to suit your mood.



## Fibaro Interface

3 million colour possibilities can be selected from the palm of your hand on your mobile device anywhere in the world.



## Analog sensors

Light colours match bathtub water temperature or weather outside? Connect it to the sensor and make it happen.

# Wireless update

You can upgrade the device wirelessly, by choosing that option in Home Center 2, anytime a new firmware is available. You don't have to disconnect it from a wall socket and waste time connecting it to a computer. Just press update button and enjoy the time with your loved one.

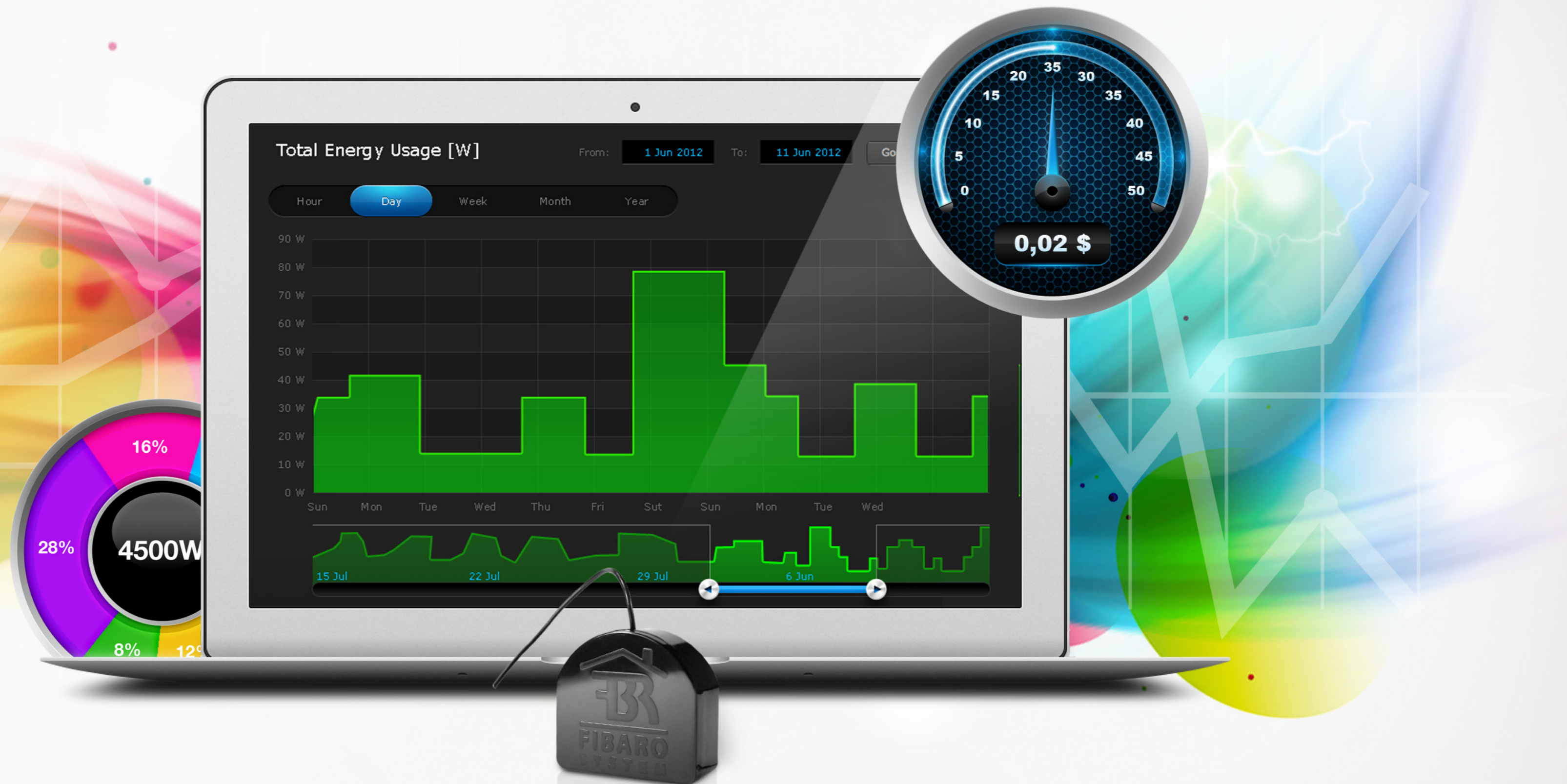
85%  
Update  
in progress





# Live power consumption monitoring

RGBW Controller allows you to manage and monitor energy consumption connected to the LED strips. Four channels allow for total or independent measurements of energy consumption. When connected with the HC2 you can check the live real-time power consumption and review usage history.



 **FIBARO**<sup>®</sup>  
Home intelligence

*Your home Your imagination*

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more on [www.fibaro.com](http://www.fibaro.com)