

Link to the product: <https://stair-lighting.com/motiontwilight-sensor-in-one-for-stairs-10a-simon-10-p-2991.html>



Motion/twilight sensor in one for stairs - 10A - SIMON 10

Price	46.31 Euro
Availability	Availability - 3 days
Shipping time	24 hours
Number	2991
Manufacturer	RESTAN

Product description

Detection angle - 20 °

Detection range - 0.25 - 3 m (22 ° C)

Input - 12Vdc.

Operating temperature - 10 ° C - +25 ° C

Operating Humidity - +93% RH

Scope of work - NO

Twilight sensor control - <3 Lux to 2000 Lux (smooth)

84x84x40_{mm}

load intensity - up to 10A

Motion Sensor - Miniature - 12V/10A - integrable

Description - Application

Sensor - 12V/10A - with a miniature lens is designed for installation inside buildings. It can be used for automatic switching of lighting with intelligent controllers, universal design (mechanical - electric) allows the use of the sensor as an independent actuator connector.

Specifications

Power supply - 12V DC

Max load current - 10A

Detection angle - 20 degrees

Adjusting the back-up time - Smooth adjustment - from impulse - up to 0,5-5 minutes

Detection range Smooth adjustment - 0.5 m - up to 1,5m

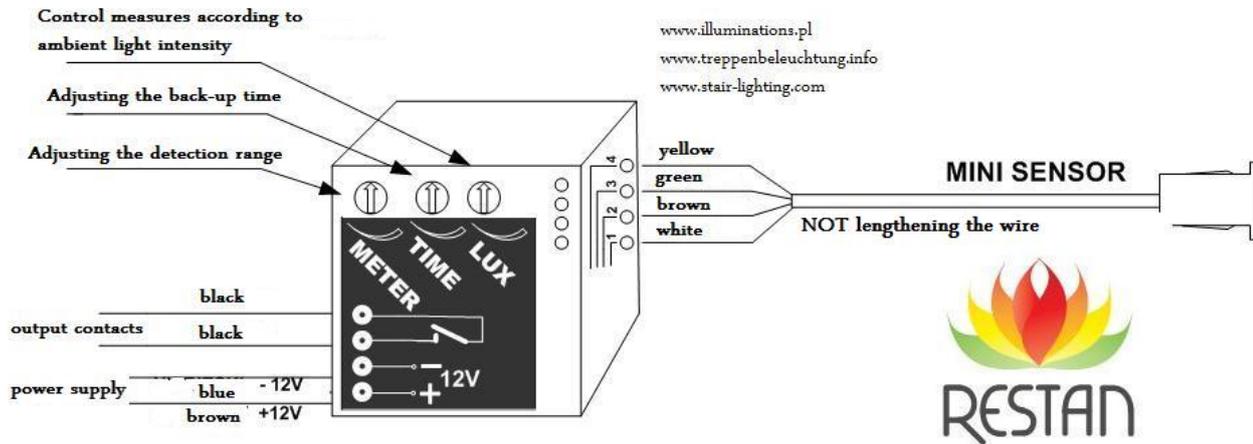
Functions

- Control measures according to ambient light intensity

- Adjusting the back-up time

- Adjusting the detection range

Setting - start - Sensor



Install a mini sensor - connect "only" wire:

- in 1 - White
- in 2 - Brown
- In 3 - Green

Potentiometer - **METER** - set the max distance from the sensor for motion detection

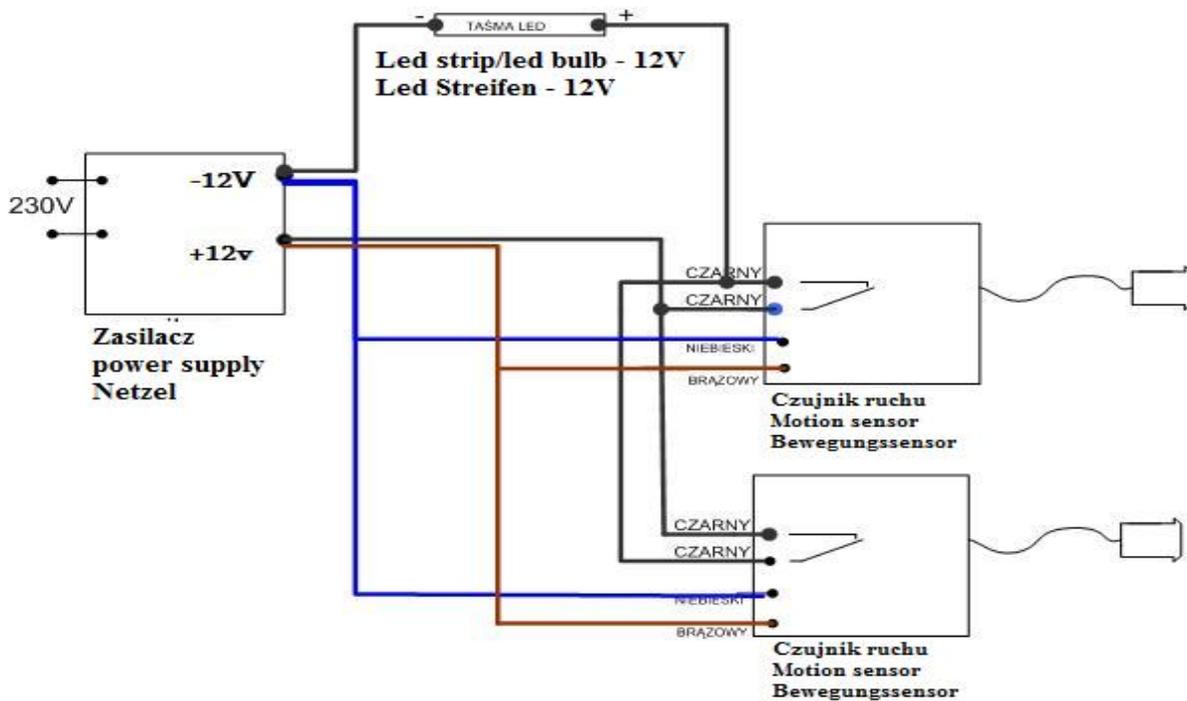
Potentiometer - **TIME** - set-up time relay (for controllers stair set at minimum)

Then connect the wire

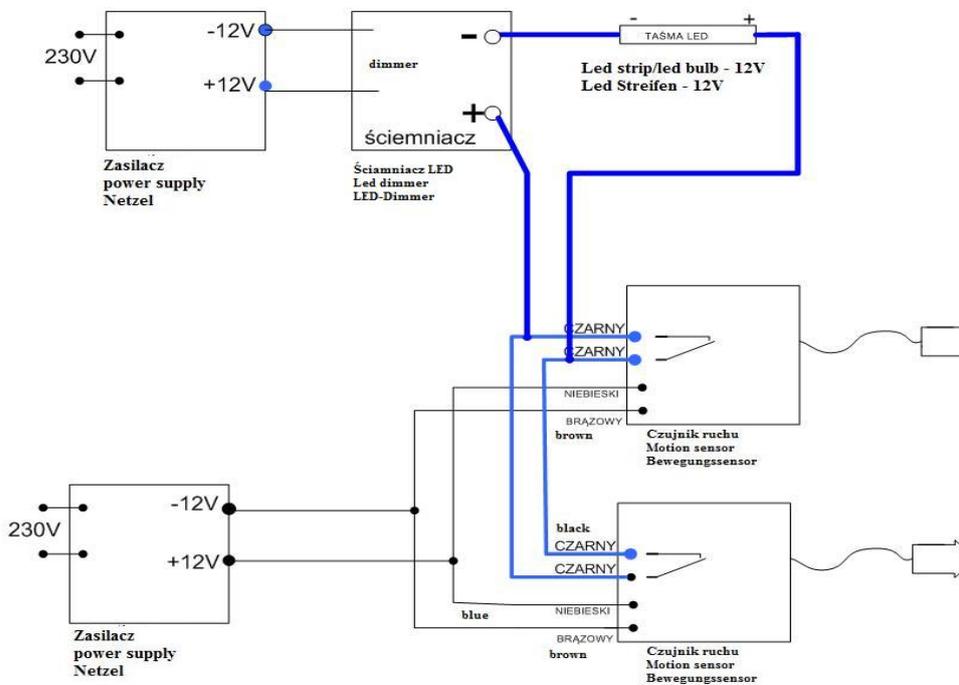
- In 4 - yellow - and set potentiometer - **LUX** - a threshold value depending on the ambient light intensity.

Application methods

On / off system using led strip / led bulbs - 12V

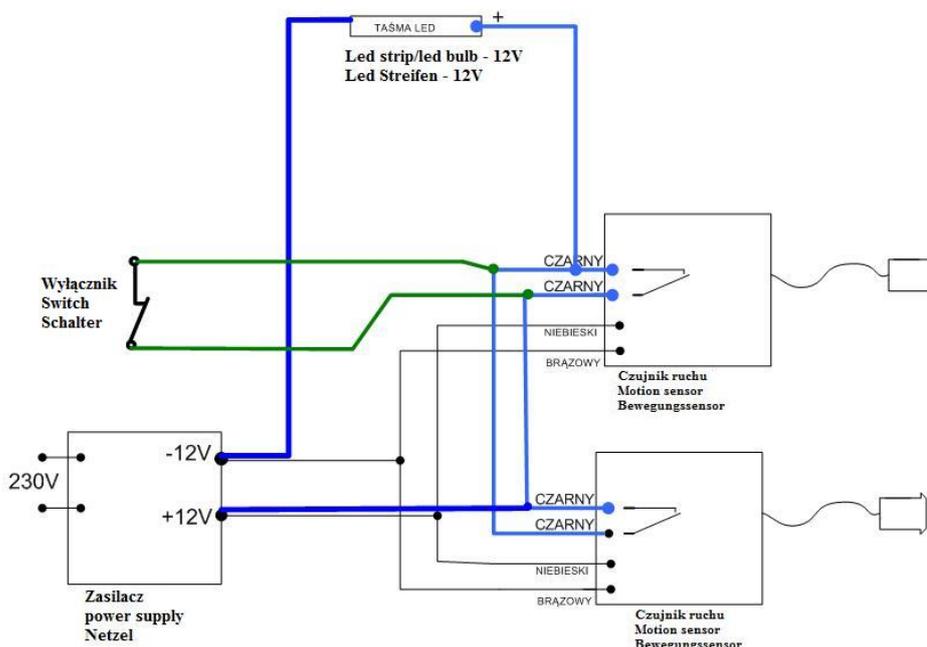


On / off system using led strip / led bulbs - 12V and with an attached dimmer for adjusting the light intensity



On / off system using LED strip / LED bulbs 12V with an additional button attached enabling all the lighting points to be

ignited simultaneously without any sensors - after disconnection the system returns to the automatic mode



On / off system using led strip / led bulbs - 24V

