



qubino[®]

WIRELESS SMART HOME

USER MANUAL **EN**

LUXY SMART LIGHT



Luxy Smart Light is an innovative light source that gently illuminates in more than 16 million colours and easily fits into places of your light switch or socket. It can be used standalone, as an ambient light or as a smart home device. With an integrated beeper, it enables a unique combination of sound and visual notifications.

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1. About Qubino

Qubino is a family of innovative Z-Wave devices, many of them the smallest of their kind. Numerous breakthrough innovations, 100 % quality control, and responsive customer service make Qubino the number one choice for making your life more comfortable.

Qubino enables you to transform – inexpensively and invisibly – any traditional electric device into a smart, connected one that you can control with your smart phone. Qubino devices are simple to install and use, but also extremely versatile - they offer a wealth of additional features and parameters for you to play with.

We love helping people who enjoy creating new ideas for their home and then using their hard work and skill to turn those ideas into reality. We admire their passion and resourcefulness. We do our best to supply you with products that will enable you to create a unique and special home for yourself. We innovate so that you can be free to make the smartest home possible. With just a touch of magic.

"Simple is smart." We believe it is smart to make complex things simple. But only when this means simple for our customers, not for ourselves. We think a lot so that you will not have to when it comes to installing or using our devices.

For more information visit: www.qubino.com



To find your nearest Qubino dealer visit: <http://qubino.com/where-to-buy/>

2. Support

Did you know that Qubino offers Z-Wave devices with 100% quality control guaranteed throughout the production process? Every single unit is tested and examined before being approved for sale – a truly unique pledge in the industry.

Why is this important?

Every device has a dedicated serial number and part number, which is assigned to the device only after it goes through a strict testing procedure.

Our support policy advises that every customer receives an answer within 24 hours during working days.

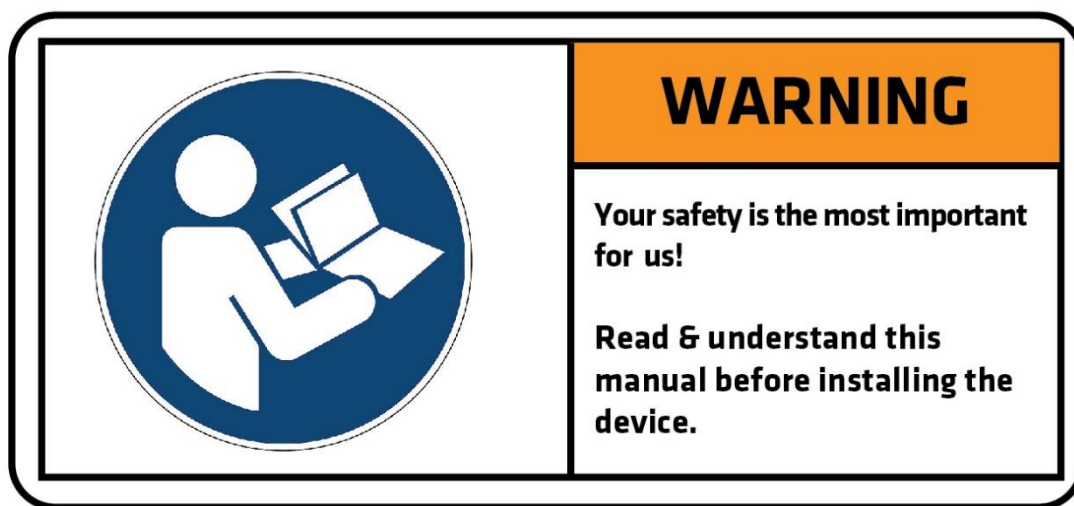
Go to our support website <https://support.qubino.com/support/home> and open a new support ticket. By telling us the product's unique serial number and part number, we will automatically review the production log file containing device parameters and information. This allows us to immediately identify and address issues, giving you the best customer support.

Based on customer and business partner feedback, we are proud to boast Qubino's support team as the best and fastest on the market. If you do not find the answers to your questions in this document, please contact us. We will try to help you as soon as possible.

3. Safety Information

For Qubino, safety is first, so we have prepared lots of safety tips and information that can be found throughout this manual.

To ensure your safety, please read this manual carefully before installing the device; follow the instructions exactly. The manufacturer (GOAP d.o.o. Nova Gorica) shall not be legally responsible for any equipment damage or personal injury caused by incorrect installation or operation other than that covered in this manual.



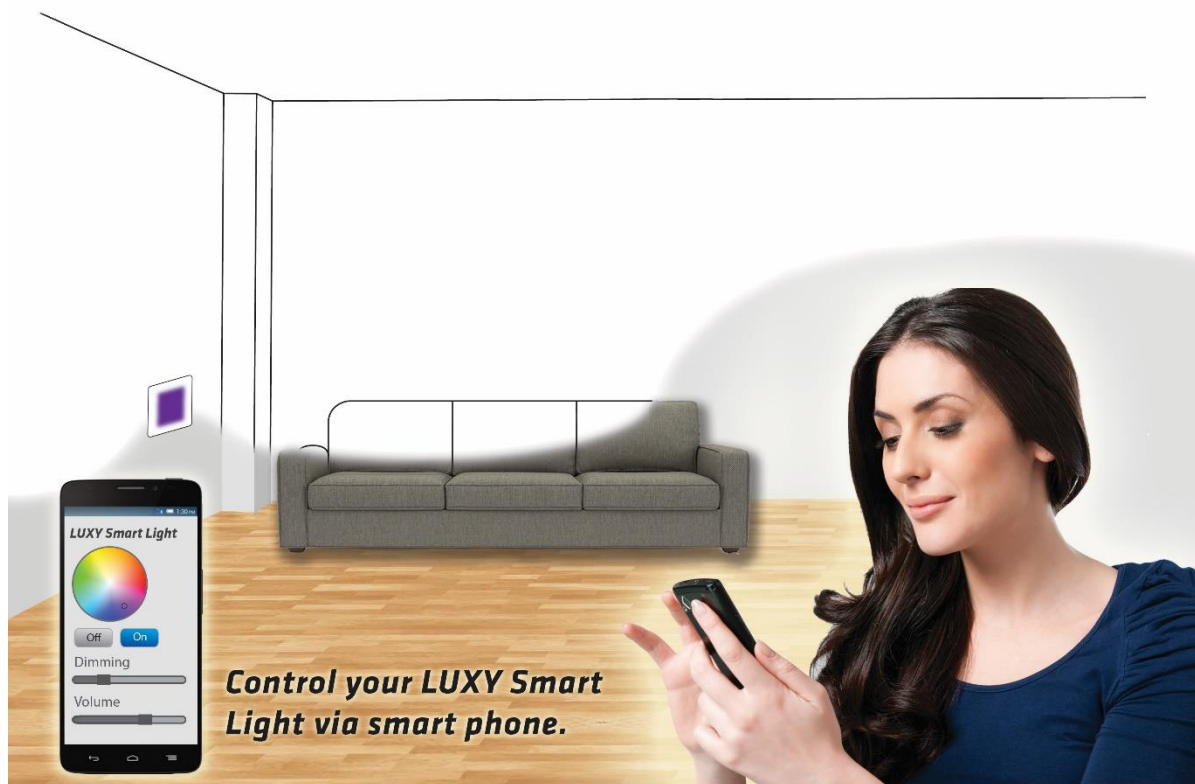
① Please check the Technical Specifications and Electrical Diagram chapters, as well as fuse requirements in the Installation chapter before installing the device.

Epilepsy warning!

This product can trigger epileptic seizures, especially with photosensitive people.

4. Introduction

The Luxy Smart Light is an innovative light source that will gently illuminate your home in any of the 16 million colours that you can choose from, to fit your personal preference and give a personal touch to any room.



It is designed in a way that it fits in the flush mounting boxes at the height of the light switch or where you usually have electrical sockets. This means, Luxy Smart Light can be quickly & easily installed anywhere in the house where you already have electricity (**neutral wire is mandatory for proper operation**) or where you can easily pull additional wires.

You can control Luxy Smart Light manually, wirelessly or set it to work automatically.

If you use it as a standalone device, you can control it through 4 integrated touch-sensitive points on the surface. With a touch you can turn on/off the Luxy light, set the colour, dim the brightness, and choose between 4 lighting effects. The lighting scenes are inspired by nature and will help you set the mood, by simulating the ocean, sunrise, rainbow, and nature's colour scenes.

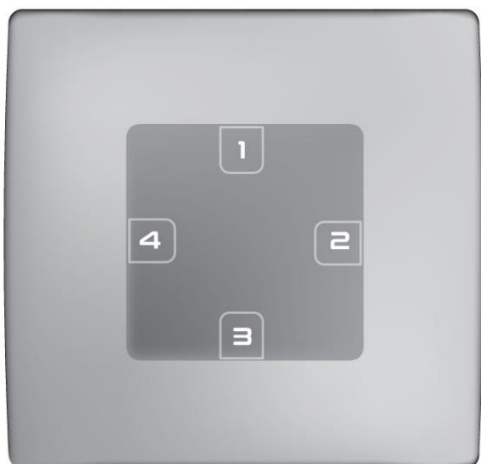
If you are more advanced user, you can integrate Luxy Smart Light into the Z-Wave network and enjoy plenty of other functionalities it offers. When connected to the gateway, Luxy becomes a smart home device, enabling you to control it remotely via smartphone or tablet and creating more complex scenes, e.g. setting the time schedule.

One of the Luxy Smart Light's features is an integrated beeper, so you can use it as an alarm, in unique combinations of sound and visual notifications. It can be triggered by other devices, such as a flood detector, motion sensor, doorbell button, etc., it can also act as an alarm or as an extension or substitute for your doorbell. It will visually notify you with a colour blinking or a sound alarm when necessary.

LUXY Smart Light supported functions as a Z-Wave device:

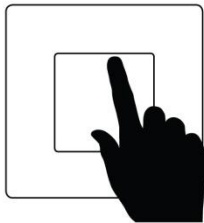


✓	Choosing among 16 million colours
✓	Integrated beeper
✓	Automatically turn ON/OFF
✓	Dimming the Luxy light
✓	Associations
✓	Z-Wave Repeater
✓	Smart Start
✓	4 integrated touch-sensitive points on the surface

5. Functionalities



Nr. 1 (UP)	Turns ON/OFF the Luxy light Dims the Luxy light
Nr. 2 (RIGHT)	Switches between 4 different lighting effects (ocean, sunrise, rainbow, and nature)
Nr. 3 (DOWN)	Turns ON/OFF the white light on the Luxy Dims the Luxy light
Nr. 4 (LEFT)	Starts the colour spectrum and stops at the colour you wish to have

5.1 Control it

With a touch on one of the 4 sides on the touch-sensitive surface (or touch screen)	Remotely via a smartphone	Set it to work automatically , according to the pre- programmed scenes, created on the Z-Wave gateway
		

5.2 Turning off visual and sound alarms

When an alarm occurs (NOTIFICATION_REPORT is sent) Luxy Smart Light starts blinking red and beeping, so you are notified.

As soon as the reason that caused the alarm is noted by the user, the alarm can be turned OFF:

Locally:

- Touch any out of 4 integrated touch-sensitive points on the Luxy Smart Light surface.

Remotely:

- Reset the alarm via gateway's user interface.

For more options, see **Parameter no. 3 – Turning off alarming**.

NOTE: If a command like SOUND_SWITCH.SOUND_SWITCH_TONE_PLAY_SET is sent to Luxy Smart Light, turning OFF locally is not possible.

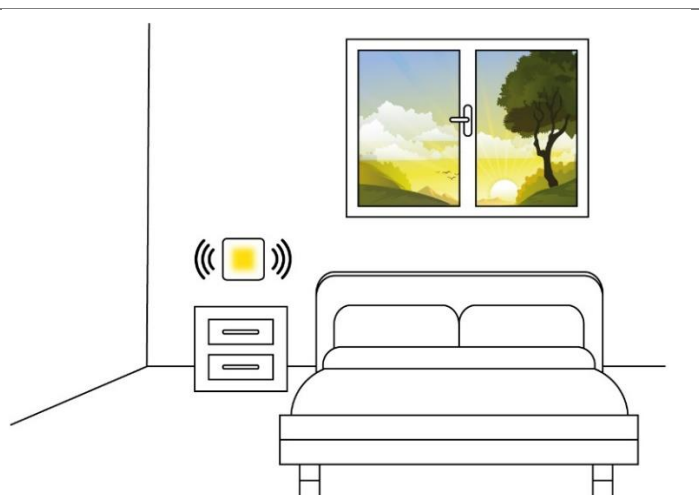
6. Use Cases

To get you an idea for your next smart home project, we have prepared a few real-life examples, where you can use Luxy Smart Light. There are countless of options using Luxy as a standalone ambient light or in combination with a smart home system. In a smart home system Luxy can trigger or can be triggered by other Z-Wave devices and visually notify you with a colour blinking or a sound alarm when necessary.

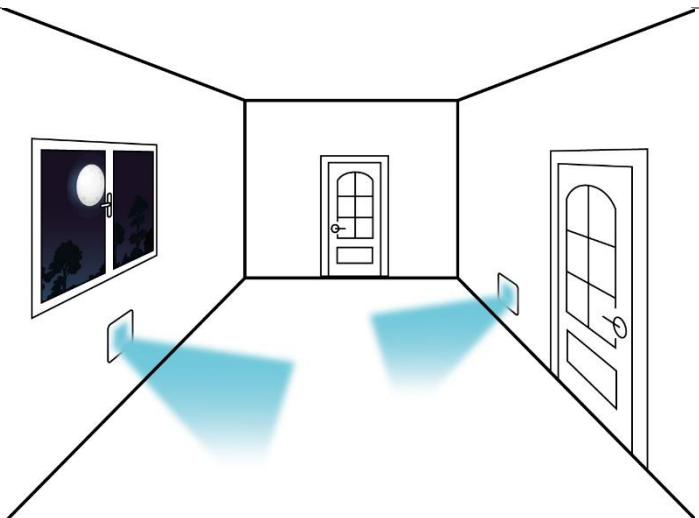
6.1. Usage examples for Luxy Smart Light

Example where Luxy Smart Light is used as a light source for gentle and personalized illumination of your home in 16 million colours.

As a visual alarm, for a gentle wake-up, with colours simulating the sunrise.

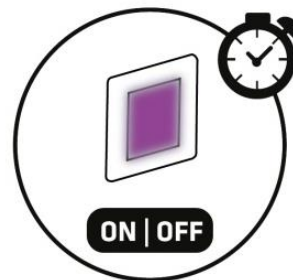


To illuminate your corridor in the night-time, so you don't have to turn on the main light or stumble in the dark.



Do you often forget to turn off a night light when you fall asleep?

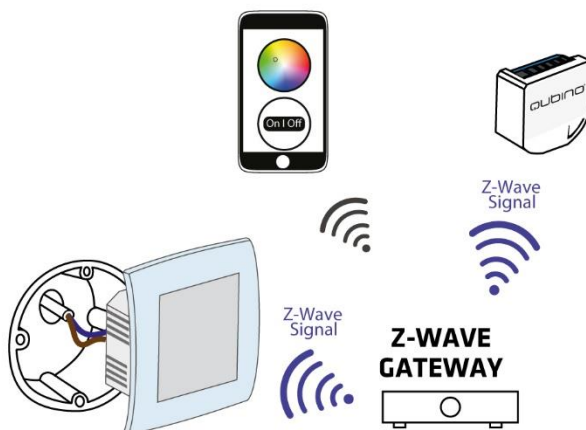
The Luxy Smart Light can automatically turn ON or OFF after a set time (when you or your kids fall asleep). For example, the Luxy Smart Light will automatically turn OFF if it has been ON for 30 minutes. This function is independent of other scenes and gateway (hub) commands.



6.2. Usage examples when Luxy Smart Light is connected to a wireless device/sensor

Do you want to control other devices in your Z-Wave network with the Luxy Smart Light?

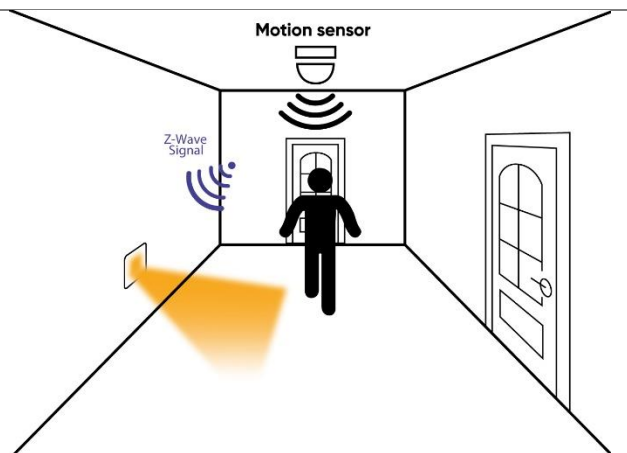
Connect the Luxy Smart Light with other devices in your network and automatically trigger another Z-Wave device. And have other Z-Wave devices trigger your Qubino Luxy Smart Light.



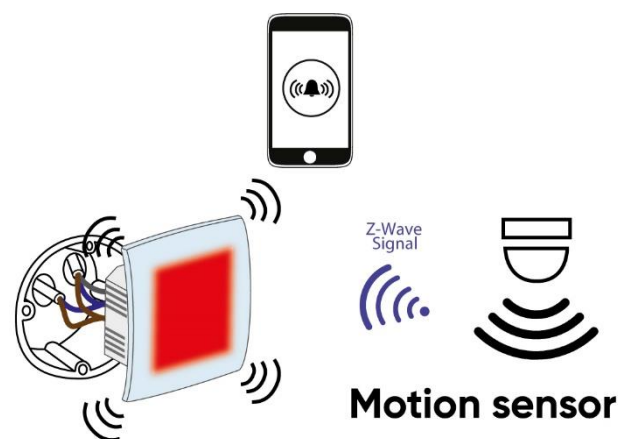
Connected to a wireless doorbell, Luxy can act as your visual doorbell. It illuminates in the colour you choose and/or starts beeping. This way you can completely personalize the way you want to be notified when getting visitors at the front door.



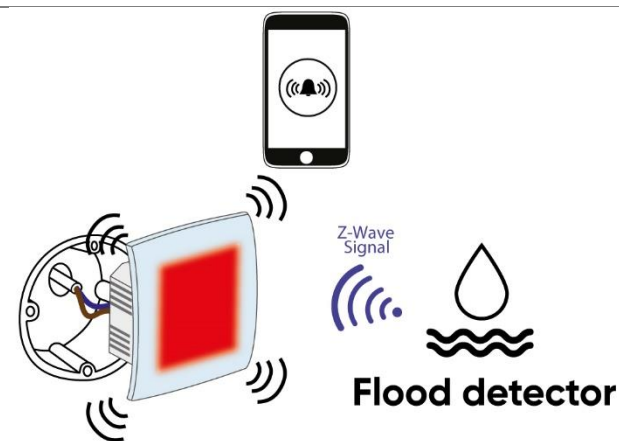
Do not bother your eyes during nighttime with the too bright, main light in the corridor. Luxy can gently illuminate your corridor when the motion sensor detects movement. You can personalize the color and intensity of the Luxy light and set the period for how long it stays ON.



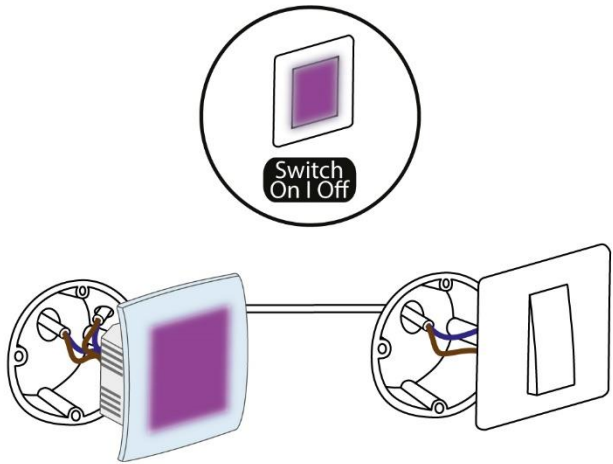
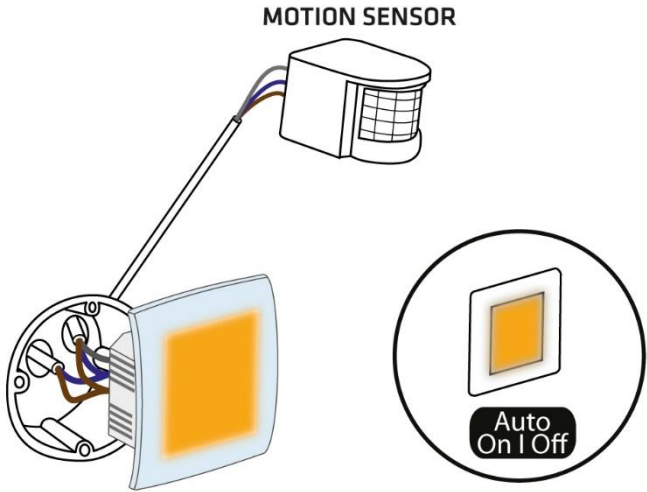
Connected to a wireless motion sensor, it can start blinking in red colour and beeping, so you are notified if there are any intruders around your house.



Connected to a wireless flood detector, it can start blinking and beeping, when the water leakage is detected.



6.3. Usage examples when Luxy Smart Light is connected to a wired device

	<p>Option to connect and control the Luxy Smart Light with the light switch</p> <ul style="list-style-type: none">• A parameter defines between a switch and push-button.• It supports also dimming function.
<p>MOTION SENSOR</p> 	<p>Option to connect a motion sensor, that turns ON the Luxy Smart Light in a colour you like when the movement is detected.</p> <ul style="list-style-type: none">• Motion sensor turns ON the last state and turns it OFF when the motion is over.• Motion sensor with memory turns ON the last state and turns it OFF after a period of time.

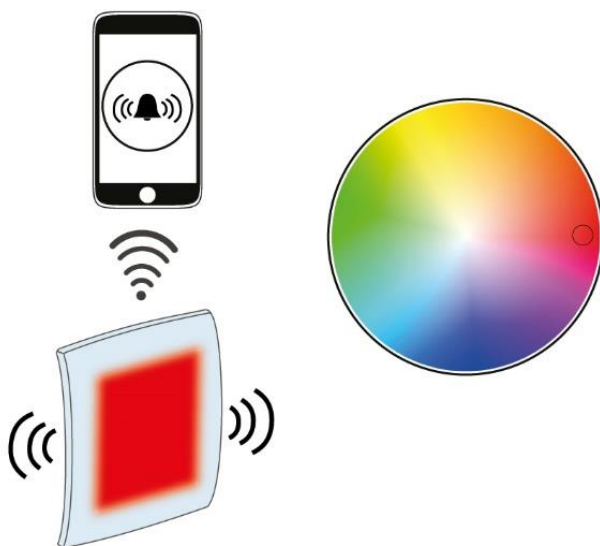
NOTE: Use cases demonstrate possible ways to use Luxy Smart Light. Other, not mentioned use cases are still possible. Always bear in mind limitations of the Z-Wave gateways and the Z-Wave devices regarding associations, scenes, security types, etc.

7. Advantages and Highlights

7.1. Advantages

- Luxy Smart Light has **an integrated beeper**. Therefore, it can be transformed into your personalized alarm. The beeper can be triggered by other connected devices, such as a flood detector, motion sensor, water leakage detector, etc. In case of intrusion or water leakage, the Luxy Smart Light can **notify you visually with coloured blinking (you can choose among 16 million colours) and/or with a sound alarm**. The beeper volume level can be set through gateway's user interface. *

*if supported by your Z-Wave gateway.



- Luxy Smart Light can be **controlled manually**:
 - **via 4 integrated touch-sensitive points on the surface**, designed in a way they do not interfere with the light source.
 - **via normal switch**, connected to the Luxy.

Or wirelessly with just a simple tap on your smartphone (via Z-Wave).

- Qubino Luxy Smart Light can be **pre-programmed according to your needs**. For example, it can be pre-programmed to turn ON automatically when movement is detected by a motion sensor. It can also be programmed to turn ON or OFF at any specific time.



- Qubino Luxy Smart Light comes with **pre-programmed nature inspired lighting effects: Ocean, Sunrise, Rainbow and Nature** which will ensure you a relaxing lighting experience to help you start the day with more energy or to relax you after a tough day.



- As most walls are painted in bright colour, the **natural glass frame** makes it almost **invisible** on the wall, when turned OFF. When turned ON, it **disperses the coloured lighting effects beautifully**. The combination of RGB LEDs and a glass frame makes a wonderful effect when it shines.



- Qubino guarantees **100% device quality**. Such high quality can be delivered because every Qubino device goes through rigorous quality control standards throughout the production process. Every device has a unique serial number and part number, which are assigned to the device only after it goes through a strict testing procedure.



- The Qubino Luxy Smart Light is **engineered and manufactured in the EU** and contains only **the highest quality components**.



7.2. Highlights

- Features one of the easiest and quickest installations of devices of this kind
- Install it anywhere you like (hallway, stairway, bathroom, bedroom, living room, garage, terrace, etc.)
- Modern and minimalistic design
- You can choose between 16 million colours to fit your personal preference
- Energy efficient
- Saves and restores the last status after a power failure (set parameter 30 accordingly)
- Supports SmartStart mode for quick set up
- Supports additional parameters for expert users, which allows advanced configuration*
- Acts as a signal repeater which improves the range and stability of your Z-Wave network
- Can be triggered by other Z-Wave device

*Your gateway (hub) needs to support advanced configuration and parameter input if you wish to use this feature

8. Package Contents

- Luxy Smart Light device
- Glass Frame
- Mounting Frame with Claws
- Installation Manual
- S2 DSK label



9. Installation

Before installing the device, please read the following carefully and follow the instructions exactly:

① NOTES:

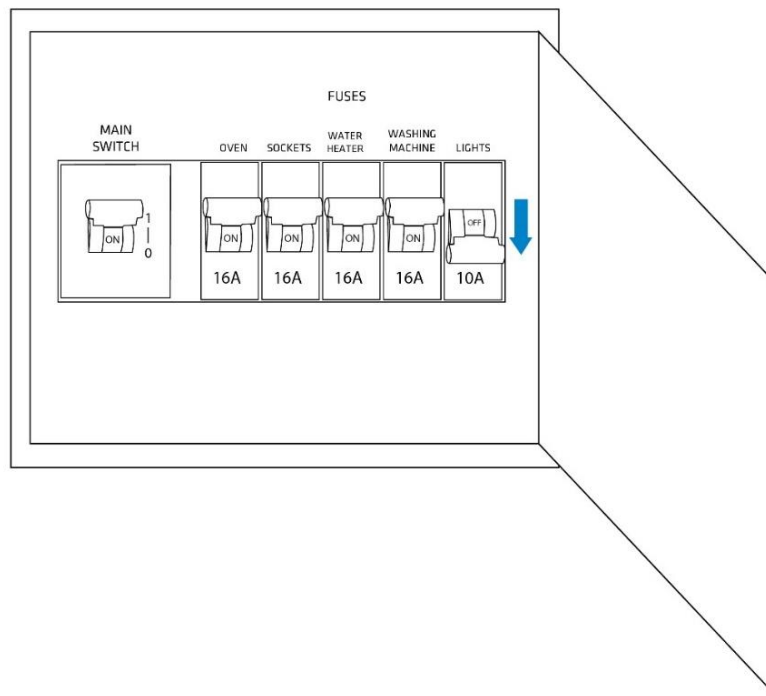
- Installation of this device requires a great degree of skill and may be performed only by a licensed and qualified electrician. Please keep in mind that even when the device is turned off, voltage may still be present in the device's terminals.
- Do not connect the device to loads outside recommended power range. Connect the device exactly as shown in the provided diagrams. Improper wiring may be dangerous and result in equipment damage.
- Capacitive antennas below the touch surface need proper calibration. This is done once the Luxy Smart Light is mounted in its final position and powered up. Successful calibration is mandatory for proper operation of the product.

The installation process, tested and approved by professional electricians, consists of the following simple steps:

Step 1 – Turn OFF the fuse:

- To prevent electrical shock and/or equipment damage, disconnect electrical power at the main fuse or circuit breaker before installation and maintenance.
- Be aware that even if the circuit breaker is off, some voltage may remain in the wires — before proceeding with the installation, be sure no voltage is present in the wiring.
- Take extra precautions to avoid accidentally turning the device on during installation.

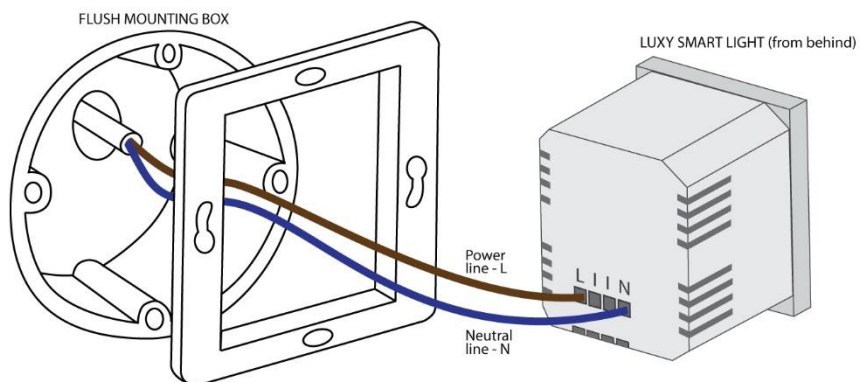
STEP 1



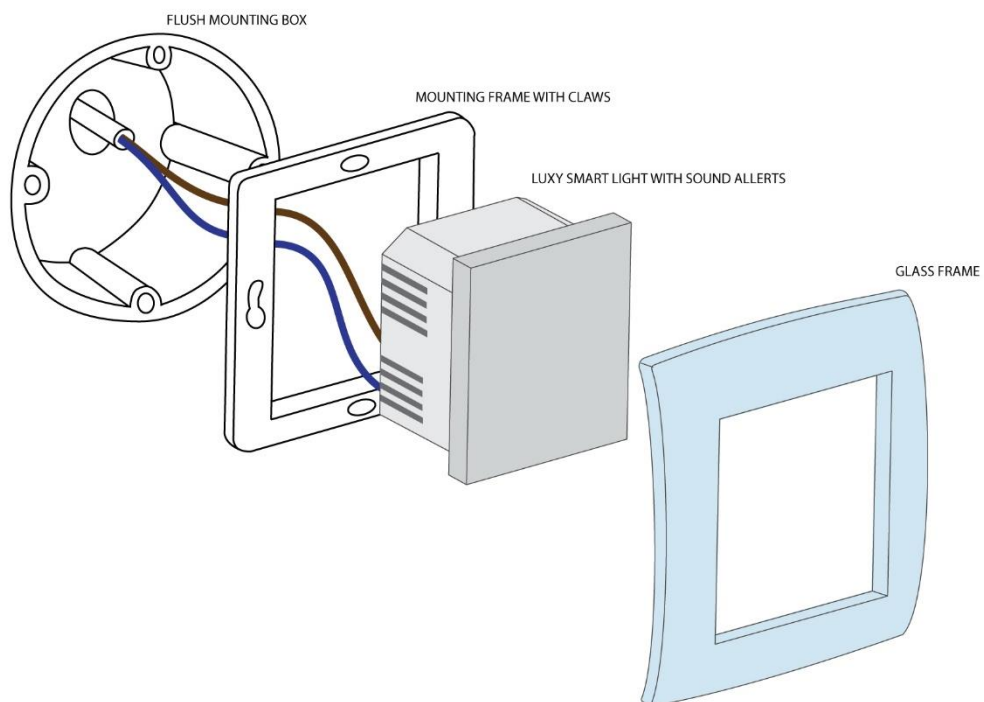
Step 2 – Installing the device:

Connect the device to the power supply

STEP 2

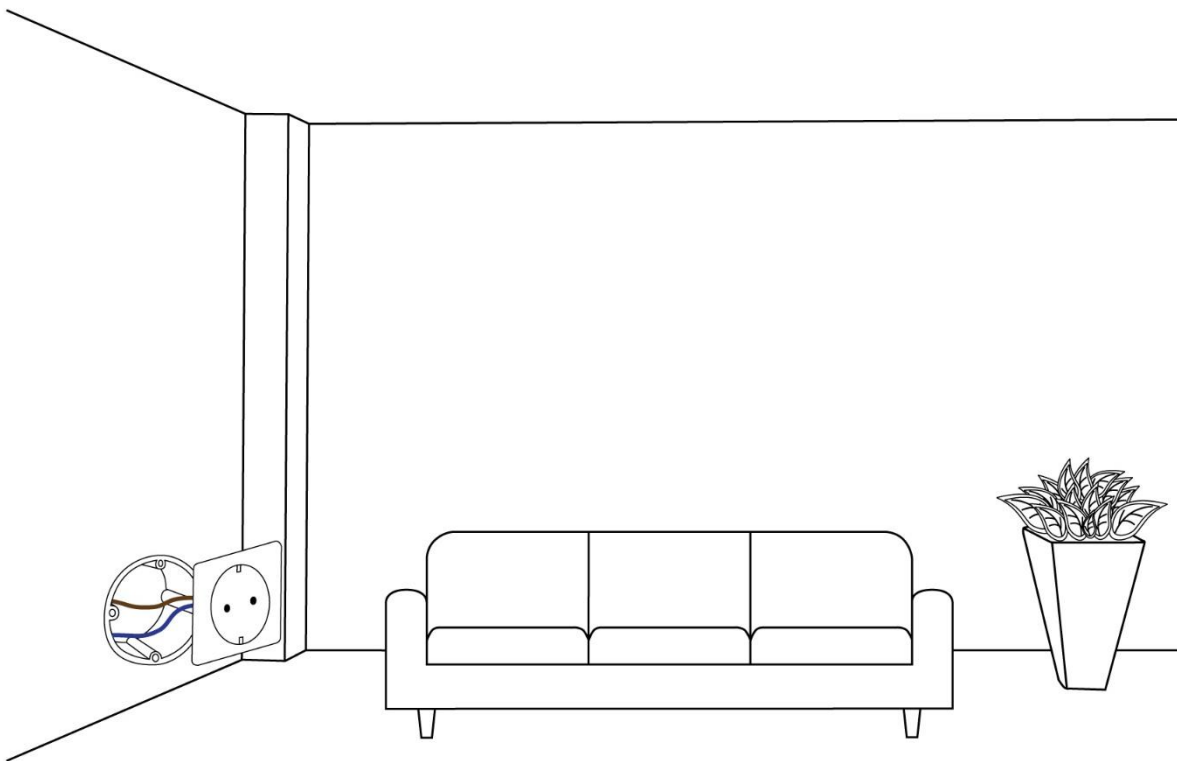


Insert the device into flush mounting box

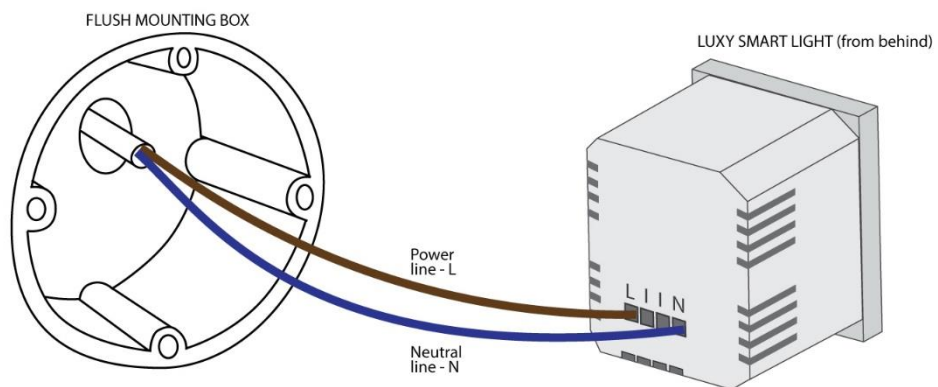


9.1. Installation of the LUXY Smart Light into places where sockets are mounted

Before Qubino installation:

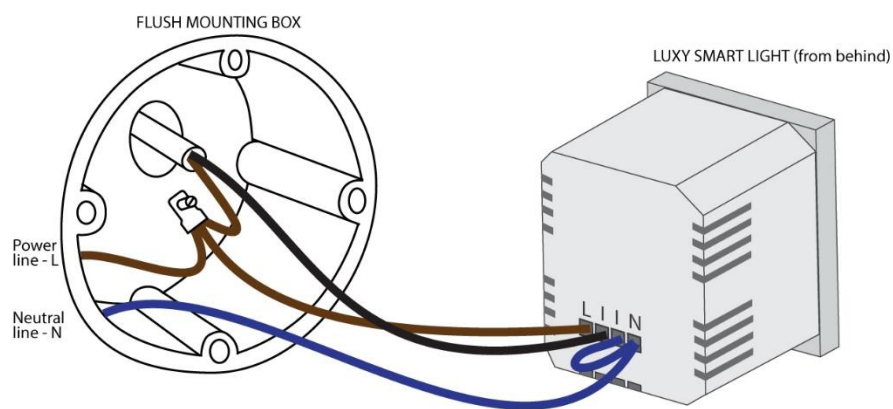
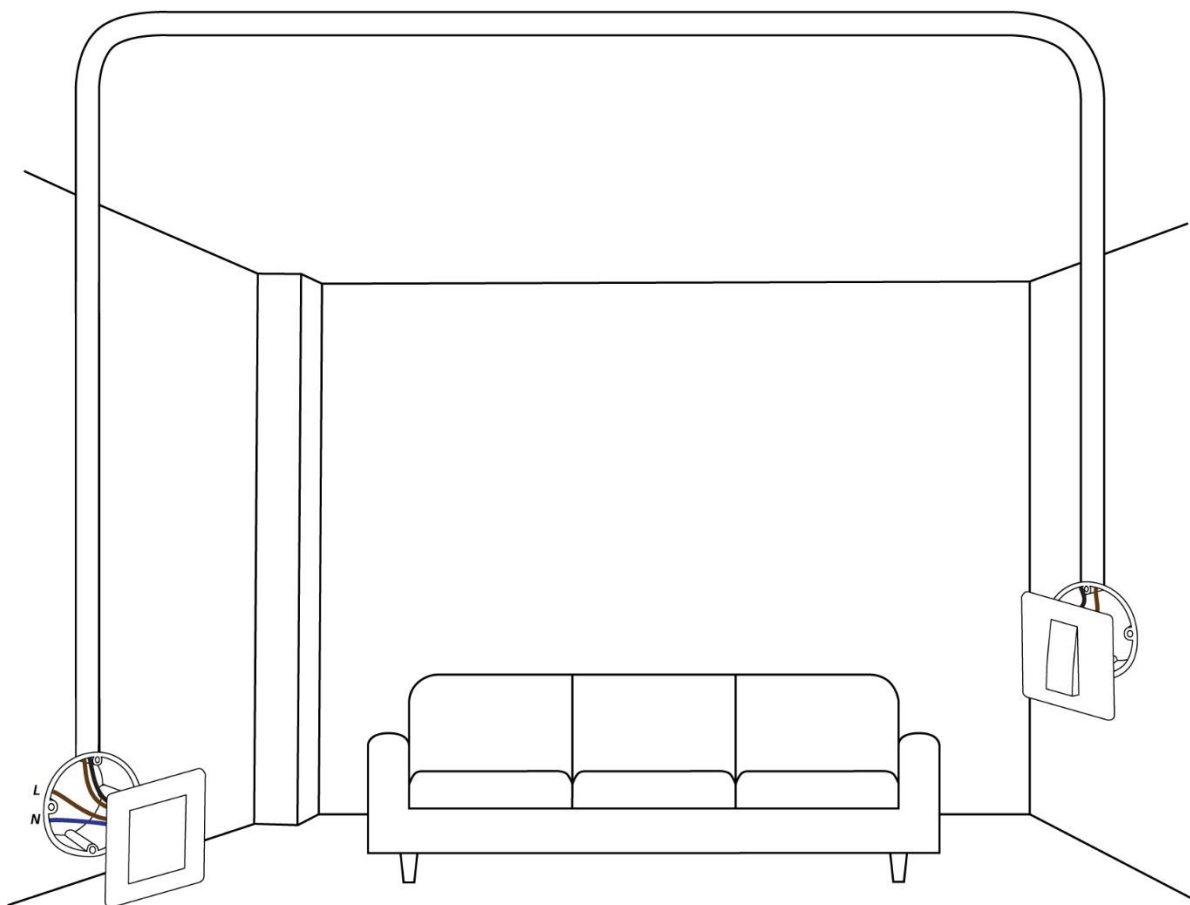


After Qubino installation:

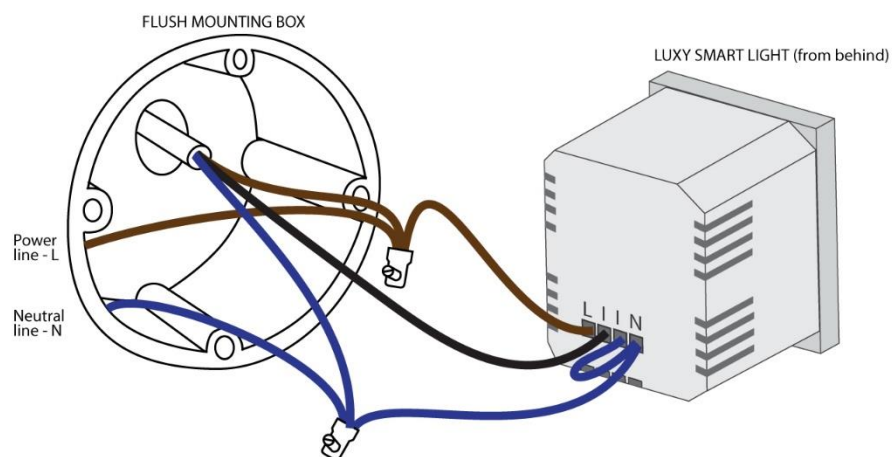
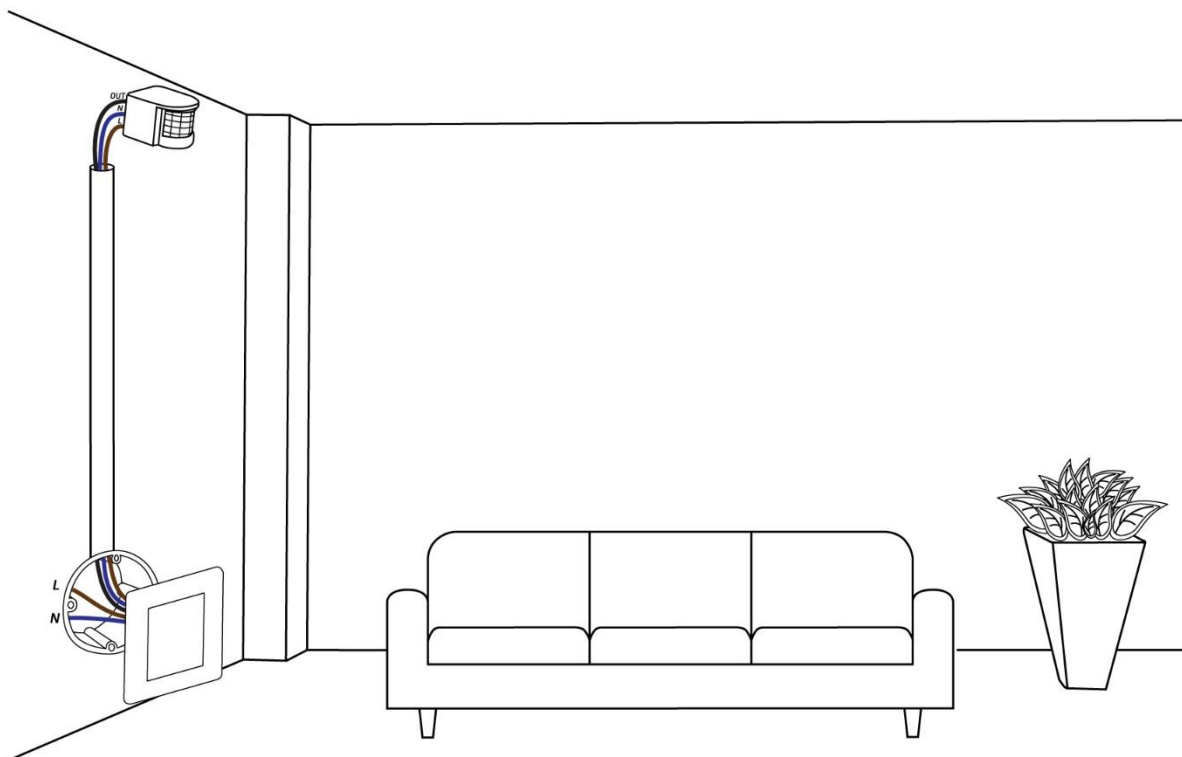


*When installing the Luxy Smart Light you have to remove the socket

Connection of the LUXY Smart Light with light switch



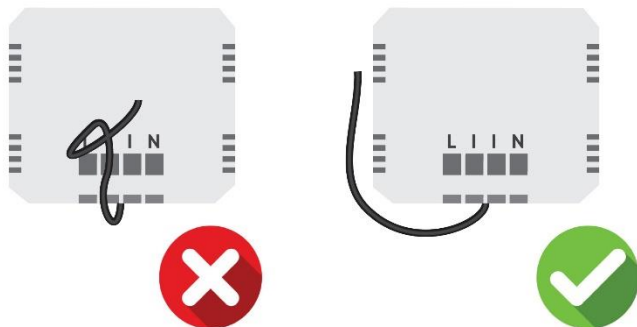
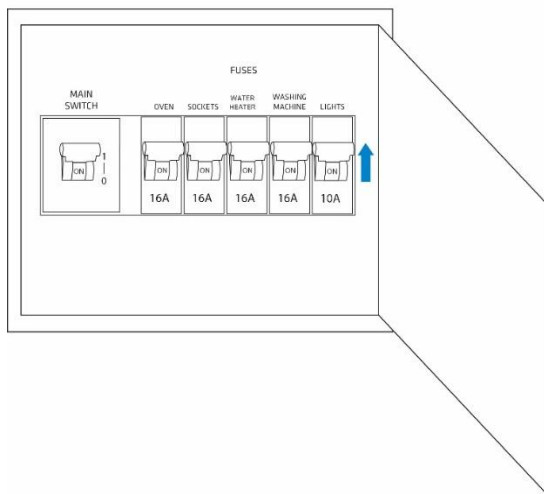
Connection of the Luxy Smart Light with motion sensor



① NOTE: Antenna positioning

- Place the antenna as far as possible from metal elements as they may cause signal interference.
- Do not shorten the antenna.

The device's antenna should be as upright as possible. This ensures the device's operational range is maximized (up to 30 m (98 feet) line of sight).

**Step 3 – Turn ON the fuse:****STEP 3**

Step 4 – Include the device into the Z-Wave network

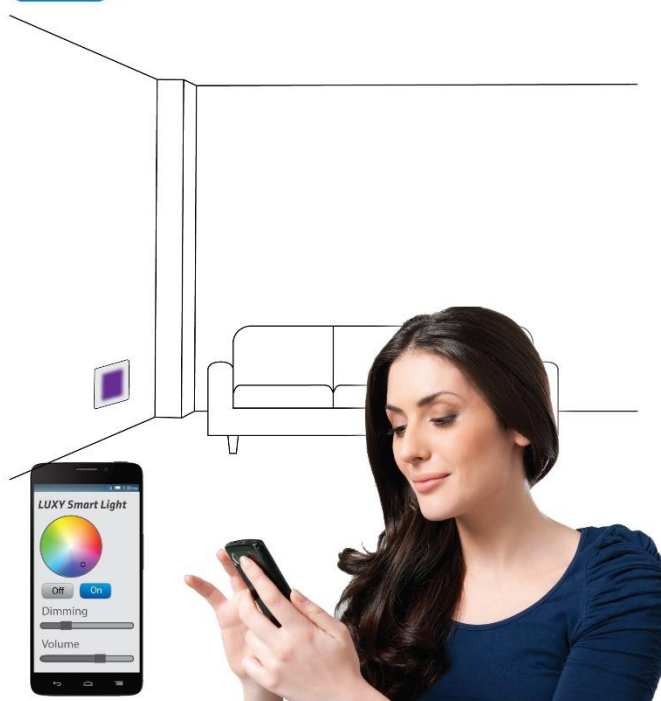
- For more details on how to include the device, please refer to the Z-Wave Inclusion chapter.

STEP 4



Step 5 – The Installation is now complete. It's time to make your life more comfortable with the help of the Qubino Luxy Smart Light

STEP 5

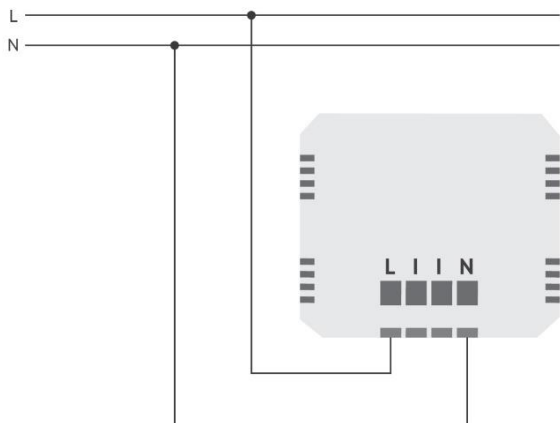


10. Technical Specification

Power supply	110 - 240 Vac $\pm 10\%$ 50/60 Hz
Operation temperature	-10 ~ +40 °C
Z-Wave operation range	Up to 40 m indoors
Beeper	Max. 80 dB at 5 cm
Colours	16 million
Luminance	1090 cd/m ²
Standby/max. consumption	0,5 W / 1,5 W
Installation in boxes	$\varnothing \geq 60$ mm / at least 2M
Z-Wave Repeater	Yes
Dimensions (WxHxD) (with packaging)	93x90x45 mm / (149x136x53 mm)
Weight (with glass frame) (with packaging)	114 g / (230 g)

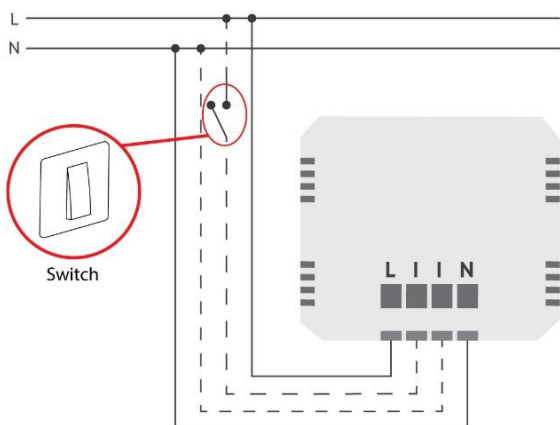
11. Electrical Diagram (230 Vac)

As a smart light

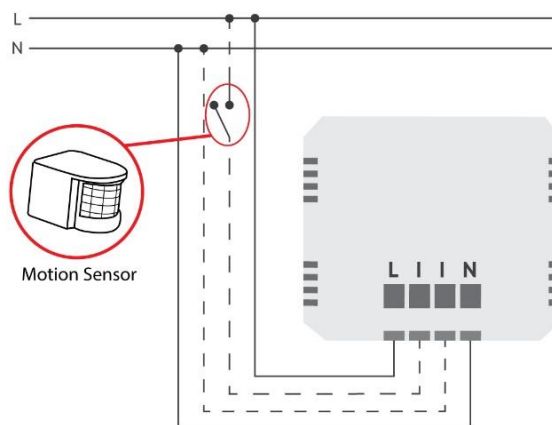


L	Live (line) wire
I	Terminal for input (connected to switch, sensor, device, etc.)
I	Terminal for input (connected to neutral)
N	Neutral wire

Connected to a switch



Connected to a motion sensor



12. Z-Wave



The Z-Wave protocol is an interoperable, wireless, RF-based communications technology designed specifically for control, monitoring, and status reading applications in residential and light commercial environments. Mature, proven, and broadly deployed (with over 50 million products sold worldwide), Z-Wave is by far the world market leader in wireless control, bringing affordable, reliable, and easy-to-use 'smart' products to millions of people in every aspect of daily life.

Source: www.z-wavealliance.org

12.1. Adding the device to a Z-Wave network (Inclusion)

AUTOMATICALLY ADDING THE DEVICE TO A Z-WAVE NETWORK (SMARTSTART INCLUSION)

1. Scan QR code on device label and add S2 DSK to Provisioning List in gateway (hub).
2. Connect the device to the power supply.
3. Make sure the device is within direct range of your Z-Wave gateway (hub).
4. Inclusion will be initiated automatically within few seconds of connection to the power supply and the device will automatically enrol in your network (when the device is excluded and connected to the power supply it automatically enters the LEARN MODE state).

MANUALLY ADDING THE DEVICE TO A Z-WAVE NETWORK (MANUAL INCLUSION)



Nr. 1 (UP)	Turns ON/OFF the Luxy light Dims the Luxy light
Nr. 2 (RIGHT)	Switches between 4 different lighting effects (ocean, sunrise, rainbow, and nature)
Nr. 3 (DOWN)	Turns ON/OFF the white light on the Luxy Dims the Luxy light
Nr. 4 (LEFT)	Starts the colour spectrum and stops at the colour you wish to have

1. Enable add/remove mode on your Z-Wave gateway (hub).
2. Connect the device to the power supply.
3. Make sure the device is within direct range of your Z-Wave gateway (hub).
4. Press once on button 2 – right. One press on button 3 – down for enabling full white. When full white is enabled, press, and hold button 2 – right, between 4 and 6 seconds. After 6 seconds, the device starts flashing green (1 second ON, 0.5 second OFF). Once the device receives node ID (after 10 seconds), it stops flashing and turns full green. The procedure is always available.

12.2. Z-Wave Security

Qubino LUXY Smart Light supports the latest Security 2 feature. Security S2 is handled by the Strong AES 128 Encryption protocol, which means that the S2 makes Z-Wave the most secure IoT (Internet of Things) security platform out there. To fully utilize the product and its SECURITY 2 feature, a Security Enabled Z-Wave gateway (hub) must be used.

Authenticated Control

- Out-Of-Band Device Specific Key for inclusion
- May be used by most implementations

Also supports: Security S2 Unauthenticated, Security S0 and Unsecure inclusion.

IMPORTANT: When adding the LUXY Smart Light to a Z-Wave network with a controller supporting Security 2 (S2), the PIN code of the Z-Wave Device Specific Key (DSK) is required. The unique DSK code is printed on the product label and a copy is inserted in the packaging, which must not be lost. Do not remove the DSK from the product. As a backup measure, use the label in the packaging.

The first five digits of the key are highlighted or underlined to help the user identify the PIN code portion of the DSK text.

The DSK is additionally represented with a QR Code as shown here.



DSK label and QR code (example)

A joining node requesting to join the S2 Access Control Class or the S2 Authenticated Class will obfuscate its Public Key by setting the bytes 1..2 to zeros (0x00) before transferring its key via RF.

A joining node requesting to join only the S2 Unauthenticated Class will send the its full Public Key when transferring the key via RF as the including node has no access to the DSK.

The DSK may be used for out-of-band (OOB) authentication.

- The including gateway (hub) may use QR code scanning device to read the entire DSK off the joining device and match it with the obfuscated public key received via RF from the joining device.

SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity.

12.3. Removing the device from a Z-Wave network (Exclusion)

1. Connect the device to the power supply.
2. Make sure the device is within direct range of your Z-Wave gateway (hub) or use a hand-held Z-Wave remote to perform exclusion.
3. Enable add/remove mode on your Z-Wave gateway (hub).
4. Press once on button 2 – right. One press on button 3 – down for enabling full white. When full white is enabled, press, and hold button 2 – right for 5 seconds. After 5 seconds, the device starts flashing red 1 second ON, 0.5 second OFF.

Once the device loses node ID (after 10 seconds), it stops flashing and turns full red. The procedure is always available.


NOTE1: LEARN MODE state allows the device to receive network information from the controller.

12.4. Device factory reset

1. Connect the device to the power supply.
2. Press once on button 2 – right. One press on button 3 – down for enabling full white. When full white is enabled, press, and hold button 4 – left for 10 seconds. After 10 seconds, the device starts flashing blue 1 second on, 0.5 second off.

After 10 seconds the device stops flashing and turns full blue.

The procedure is always available.

 By factory resetting the device, all custom parameters previously set on the device will return to their default values, and the node ID will be deleted. Use this reset procedure only when the main gateway (hub) is missing or otherwise inoperable.

12.5. Associations

Use associations for direct communication between the Luxy light and other devices within your Z-Wave network without the need of your primary gateway (hub).

Association Groups:

Root endpoint:

Group ID	Name	Maximum allowed nodes	Description
1	Lifeline	1	<p>Supports the following commands:</p> <ul style="list-style-type: none"> • <code>DEVICE_RESET_LOCALLY</code> (0x5A01): triggered upon reset • <code>SWITCH_MULTILEVEL_REPORT</code>(0x2603): triggered upon change of brightness • <code>SWITCH_COLOR_REPORT</code>(0x3304): triggered upon change of colour • <code>NOTIFICATION_REPORT</code>(0x7105): triggered upon change of alarm detection state • <code>SOUND_SWITCH_TONE_PLAY_REPORT</code> (0x790A) – triggered upon change of tone playing state <p>Reserved for communication with the primary gateway/hub. Used to report unsolicited messages to the controller.</p>
2	LEDs on/off	5	<p>Supports the following commands:</p> <ul style="list-style-type: none"> • <code>BASIC_SET</code>(0x2001): is triggered when a change of output state occurs; LEDs are on/off.
3	Change of brightness	5	<p>Supports the following commands:</p> <ul style="list-style-type: none"> • <code>SWITCH_MULTILEVEL_SET</code>(0x2601): is triggered when a change of output state occurs; brightness changes.
4	Change of color	5	<p>Supports the following commands:</p> <ul style="list-style-type: none"> • <code>SWITCH_COLOR_SET</code>(0x3305): is triggered when a change of output state occurs; colour changes.

12.6. Notification Command Class

The Luxy Smart Light supports the following notifications:

The device supports the following notification types and events:

Notification Type	Notification Event
Siren (0x0E)	Siren active (0x01)

The device sends a NOTIFICATION_REPORT, with the listed type and event, when it receives a NOTIFICATION_REPORT. The device can behave in one of two ways:

- When it receives a NOTIFICATION_REPORT(notificationType=0x08=POWER_MANAGEMENT) the device will start blinking with a yellow color and the integrated buzzer will play its tone synchronously with the blinking.
- When the device receives any other NOTIFICATION_REPORT, it will start blinking with a red color and the integrated buzzer will play its tone synchronously with the blinking.

The device will continue to do so, until the user puts it back into its default state, which can be done either a Z-Wave command or by physically touching the buttons of the device, so that a change of output state occurs. There is some control of this behaviour, which is described, in more detail, in the configuration parameters #3 and #50.

12.7. Configuration Parameters

Parameter no. 1 – Digital input type

Defines the input type of device connected to digital input.

Values (size is 1-byte dec):

- Default value 1
- 0 – Push-button
- 1 – ON/OFF toggle switch
- 2 – motion sensor
- 3 – motion sensor with memory (turned off after certain amount of time defined in parameter 5)

Parameter no. 3 – Turning off alarming

Values (size is 1-byte dec):

- default value 1
- 0 – only by z-wave command (basic set, switch multilevel set, switch multilevel start/stop level change, sound switch play tone, sound switch configuration, switch color set, switch color start/stop level change, notification report idle)
- 1 – capacitive input or z-wave command (basic set, switch multilevel set, switch multilevel start/stop level change, sound switch play tone, sound switch configuration, switch color set, switch color start/stop level change, notification report idle)

Parameter no. 5 – Motion sensor memory timer

Defines the time after which the output triggered by motion sensor is turned off.

Values (size is 2-byte dec):

- default value 10
- 0 – 32534 = 0-32534 seconds after which the LED will be turned off.
- 32535 – never turns off

Parameter no. 10 – Auto on timer

Defines the time after which the device is turned to last known state.

Values (size is 2-byte dec):

- Default value 0
- 0 – disabled
- 30 – 32535 = 30 – 32535 seconds after which the device turns on

① NOTE: If the user is performing an inclusion/exclusion/factory reset of this device and this parameter is configured to a non-default value, a change of output state can occur. This will result in an interruption of the inclusion/exclusion/reset process.

Parameter no. 11 – Auto off timer

Defines the time after which the device is turned to last known state.

Values (size is 2-byte dec):

- Default value 0
- 0 - disabled
- 30 – 32535 = 30 – 32535 seconds after which the device turns off

① NOTE: If the user is performing an inclusion/exclusion/factory reset of this device and this parameter is configured to a non-default value, a change of output state can occur. This will result in an interruption of the inclusion/exclusion/reset process.

Parameter no. 30 – Restore state on power failure

Values (size is 1-byte dec):

- Default value 1
- 1 – enabled (the device will restore state on power failure)
- 0 – disabled (the device will not restore state on power failure and will remain off)

Parameter no. 50 – Beeper enable/disable

This parameter affects beeper function just in case when the device receives the NOTIFICATION_REPORT. If the user sends a SOUND_SWITCH_TONE_PLAY_SET (1), the buzzer still emits a serviceable tone.

Values (size is 1-byte dec):

- Default value 1
- 0 – disabled (the beeper is not active)
- 1 – enabled (the beeper is active)

12.8. Z-Wave Command Classes

ROOT DEVICE:

Device Classes:

GENERIC_TYPE_SWITCH_MULTILEVEL (0x11)

SPECIFIC_TYPE_COLOR_TUNABLE_MULTILEVEL (0x02)

Supported Z-Wave Command Classes

COMMAND_CLASS_ZWAVEPLUS_INFO_V2

COMMAND_CLASS_SUPERVISION_V1

COMMAND_CLASS_TRANSPORT_SERVICE_V2

COMMAND_CLASS_SECURITY_V1

COMMAND_CLASS_SECURITY_2_V1

COMMAND_CLASS_SWITCH_COLOR_V3 [S0] * [S2] *

COMMAND_CLASS_ASSOCIATION_V2 [S0] * [S2] *

COMMAND_CLASS_ASSOCIATION_GRP_INFO_V3 [S0] * [S2] *

COMMAND_CLASS_VERSION_V2 [S0] * [S2] *

COMMAND_CLASS_MANUFACTURER_SPECIFIC_V2 [S0] * [S2] *

COMMAND_CLASS_DEVICE_RESET_LOCALLY_V1 [S0] * [S2] *

COMMAND_CLASS_POWERLEVEL_V1 [S0] * [S2] *

COMMAND_CLASS_SWITCH_MULTILEVEL_V4 [S0] * [S2] *

COMMAND_CLASS_SOUND_SWITCH_V1 [S0] * [S2] *

COMMAND_CLASS_CONFIGURATION_V1 [S0] * [S2] *

COMMAND_CLASS_NOTIFICATION_V8 [S0] * [S2] *

*[S0] Security Command Class

*[S2] Security S2 Command Class

① NOTE: This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from any other manufacturers. All constantly powered nodes in the same network will act as repeaters regardless of the vendor to increase reliability of the network.

① NOTE: This device must be used in conjunction with a Security Enabled Z-Wave Controller to fully utilize all implemented functions.

① NOTE: This device is a security enabled Z-Wave Plus product that can use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus products.

① NOTE: DSK access via UI

Gateways, which implement the S2 and Smart Start security feature, display an input dialog box, with a full or partial DSK key. Most of them display a partial DSK (they do not show the PIN code) when the device is included with the S2-Authenticated security scheme. When included with the S2-Unauthenticated, some gateways show the complete DSK while others perform the complete inclusion process without prompting the user with the dialogue.

① NOTE: MAPPING OF COMMAND_CLASS_BASIC

The LUXY Smart Light is a switch multilevel device. The COMMAND_CLASS_BASIC is mapped into COMMAND_CLASS_SWITCH_MULTILEVEL. The device will be turned ON or OFF after receiving the BASIC_SET command:

- It will be turned on, when it receives a BASIC_SET(Value=0x01-0x063) (1-99%)
- It will turn to the last non-zero value, when it receives a BASIC_SET(Value=0xFF)
- It will turn off, when it receives a BASIC_SET(Value=0x00)

13. Important Disclaimer

Z-Wave wireless communication is not always 100% reliable. This device should not be used in situations in which life and/or valuables are solely dependent on its functioning. If the device is not recognized by your gateway (hub) or shows up incorrectly, you may need to change the device type manually and make sure your gateway (hub) supports multi-channel devices. Contact us for help before returning the device: <http://qubino.com/support/#email>

14. Warning

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal free of charge.

15. Regulations

Legal Notice

This user manual is subject to change and improvement without notice. GOAP d.o.o. Nova Gorica reserves all rights to revise and update all documentation without any obligation to notify any individual or entity.

WEEE

According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.



NOTE: User manual is valid for devices with SW version V1.1.

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