

illuminet, the decorative recessed wall niche made of high-quality mineral material.

The entire surface of the back panel glows homogeneously.

illuminet is available in 2 sizes:

30 x 30 cm and 60 x 30 cm

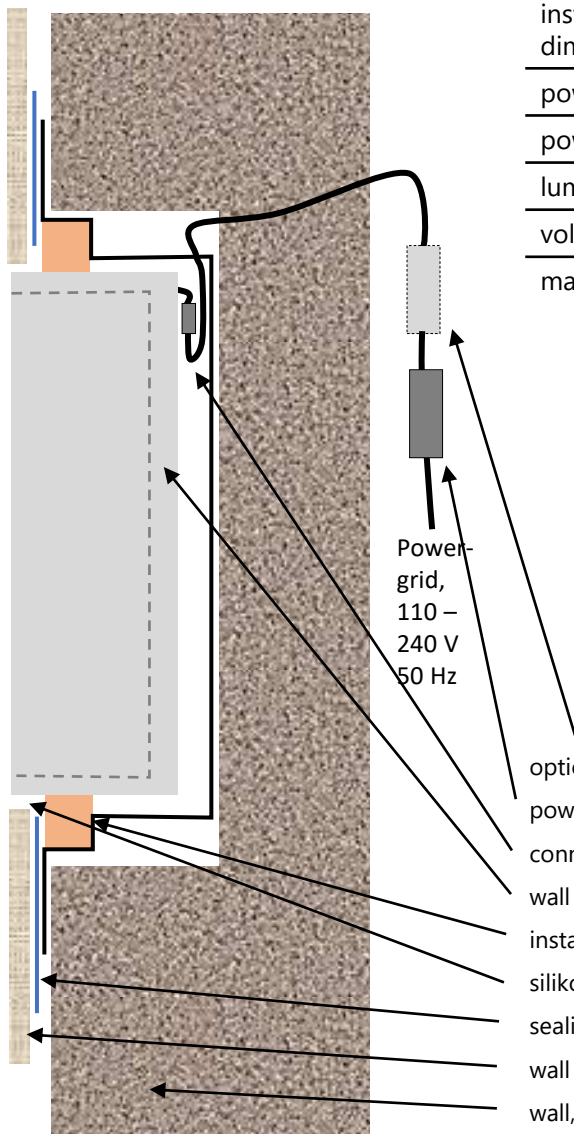
Depending on the model, single-color in various white tones, or dynamic color changing.

The wall niche can be installed in wet and dry area, into brick wall or drywall.

Delivery contents a recessed housing, sealing tapes and connection cable 5 m.



| technical data               | illuminet 30  | illuminet 60    |
|------------------------------|---|-----------------|
| outer size[mm]:              | 300 x 300 x 110   | 600 x 300 x110  |
| inner size [mm]:             | 275 x 275 x 93  | 575 x 275 x 93  |
| installation dimension [mm]: | 370 x 370 x 120   | 670 x 370 x 120 |
| power RGBW:                  | 10 W  | 17 W            |
| power white:                 | 5,8 W   | 11,5 W          |
| luminous color:              | RGBW 4000 K/ warm white 2700 K  |                 |
| voltage:                     | 24 V DC   |                 |
| material:                    | mineral material white, on the back side translucent housing, polystyrene |                 |



#### delivery contents:

- wall niche made of white mineral material, with illuminated back wall, connection cable 0,15 m with plug
- plastic installation housing made of polystyrene
- Sealing tape for waterproof sealing in installation opening
- connection cable, 5 m, with socket

matching power supply and- if necessary- RGBW controller are additionally offered

optional, RGBW controller (additional accessoire)

power supply, (additional accessoire)

connection cable with plug/socket

wall niche with LED illumination

installation housing with adjusting frame

silikon connection joint to wall niche

sealing tape

wall tile

wall, brickwork, drywall

illuminet is an illuminated wall niche that can be installed in solid - or drywall - walls in dry or wet areas. The wall niche with 30 x 60 cm, can be mounted vertically or horizontally.

**First of all, please check the scope of delivery:**

- illuminet made of solid surface material with 15 cm connection cable and plug
- built-in housing made of plastic
- sealing tape
- 5 m connection cable with plug

**In addition to operate is required (when ordered as a bundle, included):**

- power supply
- RGBW controller
- RGBW remote control

To operate illuminet, a power supply and, depending on the version, also an RGB controller for Display of mixed colors or dynamic color changes required. Power supply and controller are mounted in an accessible place set apart from the wall niche.

A 5 m long connection cable is included in the scope of delivery for connecting the illuminet.

Ideally, the connection cable from the wall niche to the power supply should be made in an empty conduit.

## 1. Installing the built-in housing

First, a correspondingly large recess in the wall must be provided at the mounting point.

In the case of drywall walls, it must be ensured that the wall has a thickness of at least 130 mm.

If possible, the empty conduit for the connection cable should be routed from above into the recess and through the pre-assembled rubber grommet into the plastic housing.

Attach the plastic housing to the recess so that the collar is flat against the surrounding wall. The attachment can be done by screwing, nailing or gluing to the collar.

Use a spirit level to check whether the installation frame sits absolutely straight in the wall.

Especially when mounting in wet areas, it is important that the built-in housing is sealed to the wall with the sealing tapes supplied. The sealing tapes should also be used for installation in the dry area, as this fixes the housing better and improves the adhesion of plaster or tiles in the collar area. When processing the sealing tapes, it is important to ensure that the wall is dry, free of dust and grease.

Glue the sealing tapes around the collar over a wide area and without gaps, so that the tape adheres to the collar about to the middle and the other half to the wall.

## 2. Installation of the wall niche

Before installing the wall niche, the connection cable must be pulled into the empty conduit.

The connection plug must be in the built-in housing.

Connect the connection plug of the wall niche to the coupling in the connection cable.

The connector is provided with adhesive tape. Peel off the protective film and glue the connector to the back of the illuminet so that the plug contact is fixed.

Then carefully insert the wall niche into the installation frame.

The wall niche can be mounted flush with the wall, or slightly protruding from the wall.

The wall niche must be inserted correspondingly deep into the frame. Pay attention to the height of the wall structure. The straight fit must be checked at all four corners with a measuring stick.

After this procedure the proper functioning of the lighting should be tested. To do this, connect the power supply and, if necessary, the RGBW controller and put it into operation.

Now the wall covering can be completed. To prevent damage to the wall niche, the part protruding from the wall on the outside should be taped off with masking tape.

Lay tiles up to 5 mm to the wall niche. After the wall covering is finished and grouted, remove the masking tape and the wall niche can be finally aligned again.

Now grouting the gap between tiles and wall niche with silicone sealant.

The wall niche is fixed by the sealant. In the event of an inspection, the wall niche can be pulled out of the wall by cutting open the sealant.

### 3. Electrical connector

Depending on the version, the wall niche is equipped with monochrome or RGBW LEDs.

The wires of the connection cable are assigned as follows:

| <b>Core color:</b> | <b>Occupancy RGBW:</b> | <b>Occupancy in one colour:</b> |
|--------------------|------------------------|---------------------------------|
| grey               | + 24 V                 | + 24 V                          |
| white              | - white 4000 K         | - white 2700 K                  |
| yellow             | - blue                 | not used                        |
| green              | - green                | not used                        |
| brown              | -red                   | not used                        |

Connect the connection cable according to the installation instructions of the power supply and RGBW controller.

