LEDIFY

Sauna is from Finland
and so is LEDIFY.

Our sauna LED lighting is made for all kinds of saunas from luxurious spas to private wood-burning saunas. As a Finnish family business, our operations are guided by traditional Finnish values; Reliability, authenticity, and perseverance with close relationship with nature.

Our main products have earned the Finnish Key Flag Symbol.

SaunaLED lighting series is made to withstand the highest Finnish sauna standards, SaunaLED series can be even mounted in the ceiling of the sauna room.

KUIVI LED sauna luminaire is a modern model of a traditional Finnish sauna lamp with alder shade and LED inside.

Our passion is to create sauna specific lighting products. We can provide unique solutions for your specific needs.

Let us light up your sauna experience.

CONTACTS

LEDIFY

Paula Leino
International sales
Tel. +358 40 550 8035
paula@nice-trading.fi

Ari Salminen
Sales
Tel. +358 40 163 1113
ari@nice-trading.fi

Jere Salminen
Technical support
Tel. +358 40 126 0690
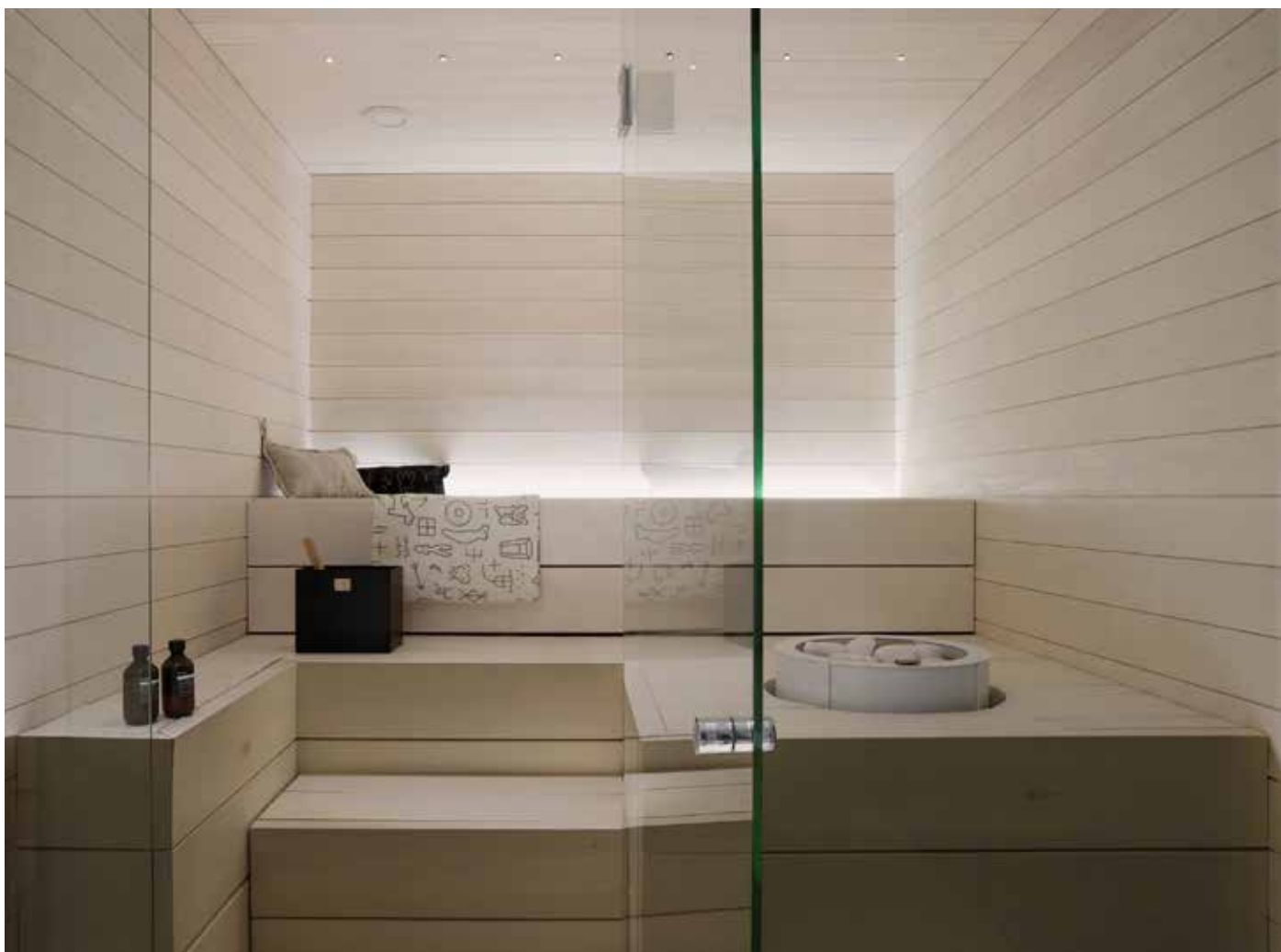**jere@nice-trading.fi**

CONTENTS

LEDIFY◯

SAUNA
LIGHTS

SAUNALED

LED-valaisinsarja | LED belysningserie | LED light series

LEDIFY SaunaLED lighting series are designed to withstand harsh conditions: heat and moisture in sauna, or outdoors winters cold and summer heat. SaunaLED series is originally designed for a Finnish sauna.

The LED lights of this series can be mounted in the ceiling, behind the backrest, on the wall, under the benches, railing etc. A space between SaunaLED lamps should be approx. 30cm.

Each LED lamp has its own 5-meter-long cable with quick connectors. This gives the SaunaLED series a good dimension and enables versatile lighting solutions. If necessary, the LED lamp can be connected to a total of 10 meters of cable (2 pieces of 5m connecting cables). This makes it possible to illuminate large rooms.

Small size, very low operating temperature and beautiful 3000K (warm) light makes LEDIFY SaunaLED series suitable for many rooms. LEDs can be installed above the shower, inside of shelf units, nearby the fireplace or to lighten up wall structure. They can be also used in a car or a boat or cottage. SaunaLED series is suitable for use with battery power or solar panels, as the voltage is 12V.

LEDIFY

SAUNALED

SaunaLED installation

The installation of LEDIFY SaunaLED series is quick and easy for a professional. The sales package includes clear and easy installation instructions so the installation can also be done in accordance with them.

The mounting hole for each lamp is Ø 12 mm. The SaunaLED lamp is attached to this hole by its springs which will open up.

Each lamp has a 15cm-long cable with quick coupling, which can be easily be attached to 5m connecting cable with quick coupling as well. The cables of SaunaLED series are heat resistant up to + 180 ° C so they are suitable to use in sauna installation according to all the requirements.

The SaunaLED lamp can be replaced with a new one even after years of use because of the easy quick couplings. (The exchange is done by pulling out the old lamp from the mounting hole, disconnect the wiring quick couplings, connect the new lamp with the old cable and insert a new lamp into place.)

SaunaLED wiring should be mounted behind the sauna wall or behind of the roof structures. The 5m connecting cables will be attached to the 16-pin connector with quick couplings. 16-pin connector is IP20 and therefore it has to be placed in a dry place. It can be placed behind the wall structures. 5m-long cable attaches 16-pin connector to the transformer with a plug.

SaunaLED IP20 transformer should be placed in a dry place with normal room temperature, e.g. in the ceiling of shower room or in the dressing room behind sauna. If the transformer is installed in the sauna room, it has to be placed max. 1 m in height. In the sauna room or outdoors the transformer has to be protected from water and moisture and cased in order to achieve minimum of IP44 protection rating.

LEDIFY SaunaLED series can be dimmed by the secondary side (12V). We recommend using an LEDIFY Magic Sensor 201234 or LEDIFY Remote Control 241123. SaunaLED series includes the 6W 12V transformer which cannot be dimmed on primary side.

Always use a qualified electrician for electrical installation work!
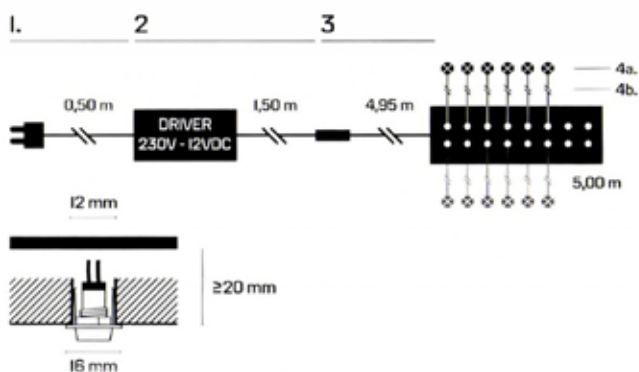
SaunaLED 6 package contents

SAUNALED

LED-valaisinsarja | LED belysningserie | LED light series

LEDIFY

LEDIFY SaunaLED sales package includes

6 or 9 or 12 LED lights
6 or 9 or 12 5m cables with connectors
16 pin connector
6W Driver
Installation manual

LEDIFY SaunaLED technical info

Input voltage ....12 VDC
Power ....0,35 W/LED
Light color...3000K warm white
Beam angle 220
Protection rating..IP44
Mounting hole 12mm
Driver 6W 12V

The size of saunaroom LED lights needed

3m² ....6 pcs
3-4 m² ....9 pcs
4-6 m² ....12 pcs

Product	Prod. No.	Electric no.	GTIN
SaunaLED 6 Gold	100601	4128400	6410041284002
SaunaLED 6 Silver	100602	4128403	6410041284033
SaunaLED 6 Black	100603	4128406	6410041284064
SaunaLED 6 White	100604	4128440	6410041284408
SaunaLED 9 Gold	100901	4128401	6410041284019
SaunaLED 9 Silver	100902	4128404	6410041284040
SaunaLED 9 Black	100903	4128407	6410041284071
SaunaLED 9 White	100904	4128441	6410041284415
SaunaLED 12 Gold	101201	4128402	6410041284026
SaunaLED 12 Silver	101202	4128405	6410041284057
SaunaLED 12 Black	101203	4128408	6410041284088
SaunaLED 12 White	101204	4128442	6410041284422
KiuasLED Gold	100111	4128426	6410041284262
KiuasLED Silver	100112	4128427	6410041284279
KiuasLED Black	100113	4128428	6410041284286
Magic Sensor Dim	201234		6430062714159
Remote 8A DIM	241123		5901583241123
Pro-remote DIM	243110		6430062714203

3000K Warm white

OUT & IN

IP44

Suitable for BATH-ROOM

Low heat

Ø12 mm

0,35W x6/9/12 LED inside

12V DC

DIMMABLE from secondary side

Cable designed for max **180°C**

22°

Ta **125°C**

Sauna 6 **3 m²**

Sauna 9 **3-4 m²**

Sauna 12 **4-6 m²**

SELV

5 YRS Guarantee

DRIVER IP20

Made in Finland

TEHTY SUOMESSA
® MADE IN FINLAND

KUIVI

LED-ritiläsaunavalaisin | LED-bastubelysning | LED light for sauna

LEDIFY KUIVI is a Finnish LED sauna light which gives a comfortable light to modern as well as traditional saunas. This LED sauna light is suitable for installation on both wood and electric saunas.

KUIVI has been developed to withstand extreme heat and moisture of sauna room. KUIVI sauna light manufactured entirely in Finland. KUIVI can replace previously used incandescent lamp in the sauna.

Although the KUIVI LED sauna light is only 3W (355lm), it gives excellent general light from the wall of the sauna. Soft warm white light color (3000K) is pleasant to the sauna, just the right tone for the different sauna materials. The lamp can't be dimmed. The light source (LED) is extremely long lasting, the lifetime is over 36,000h, and the KUIVI as a whole has a 2 year warranty.

KUIVI LED lamp is installed on the wall. You can choose from two models: surface mount or recessed mount. According to their names, the surface mounting model is installed to the wall surface and the recessed mounting model is embedded within the structure of the wall.

The alder wood frame doesn't produce any resin. Both KUIVI models are available in five different colors: light wood, dark wood, white, black and grey. The shade can also be painted or varnished to match the colors of your sauna, then choose light wood.

LEDIFY

KUIVI installation

The KUIVI surface mount elevates only 84mm from the wall, the dimensions of wooden frame is 215mm x 215mm.

The luminaire of recessed mounting model is embedded in the wall with metal housing and the 230mm x 230mm wooden frame is left over the wall surface. Elevation from the wall is only 20mm, the lamp blends beautifully into the wall structure.

KUIVI should be installed to under the height of 1 meter in the sauna room.

KUIVI is suitable for both indoor and outdoor use, the luminaires protection rating is IP44

KUIVI's installation is easy and fast, package includes helpful manuals.

The KUIVI lamp has a 10cm cable equipped with quick connector. The luminaire is plugged to the 5m connection cable from the transformer

The wires of the lamp meet the requirements and withstand +180°C of heat. The wires have a braided surface over silicone tubing.

The 5m connection cable between the transformer and the luminaire can be easily cut to the suitable length.

KUIVI's wiring are leaded to the sauna from behind the wall structures. Retrofitting to the old sauna is also possible for an electrician to do so.

KUIVI's driver (IP20) should be placed in a dry place with a normal temperature, e.g. behind the sauna panels or next room behind the wall.   If the driver is installed inside the sauna, it should be placed under 1 meter in height and enclosed (protected from water and humidity) to achieve IP44 or IP67 protection rating.

KUIVI's driver is very small: 39mm x 48mm x 20mm.

TEHTY SUOMESSA
MADE IN FINLAND

LEDIFY KUIVI sales package contains:

1 KUIVI shade and luminaire with wires
5 m connecting cable
Driver
Mounting screws
Installation instructions
Metal housing – recessed model

LEDIFY KUIVI technical specifications

Power .... 3 W
Light color.......................... 3000K warm white
Protection rating IP44
Driver ....350 mA

KUIVI surface mounting

Product	Art.nro	Electric No.	GTIN
KUIVI dark	106101	4128432	6410041284323
KUIVI natural	106102	4128429	6410041284293
KUIVI black	106103	4128431	6410041284316
KUIVI white	106104	4128430	6410041274309
KUIVI grey	106105	4128487	6410041284873

KUIVI recessed mount

Product	Art.nro	Electric No.	GTIN
KUIVI dark	106201	4128436	6410041284361
KUIVI natural	106202	4128433	6410041284330
KUIVI black	106203	4128435	6410041284354
KUIVI white	106204	4128434	6410041284347
KUIVI grey	106205	4128485	6410041284859

3000K Warm white | **OUT & IN** | **IP44** | Cable designed for max **180°C**

Low heat | **36 000 h** (105°C) | | **Made in Finland**

DRIVER IP20 | **2 YRS** Guarantee | MAX 1m | **350 LM**

3W LED | **9VDC** 350mA | **SELV** | **F**
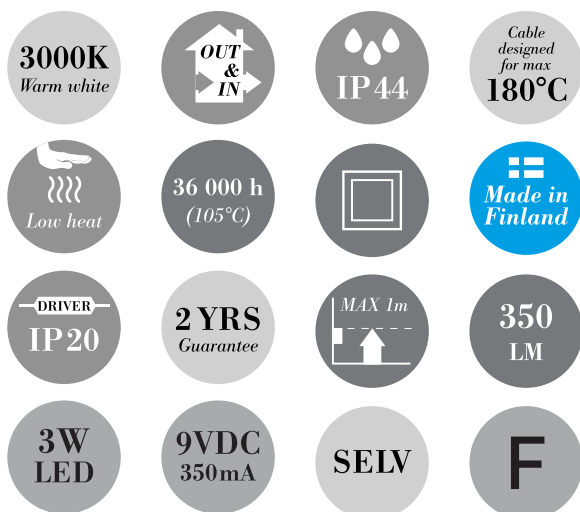
KIUASLED

LED-kiuasvalo | LED-bastuugn ljus | LED sauna heater spot light

LEDIFY KiuasLED is a Finnish LED luminaire, an accessory for LEDIFY SaunaLED series. KiuasLED is suitable for installation in both, wood and electric saunas.

Colors: Gold, Silver and Black

LEDIFY KiuasLED is a Finnish LED luminaire, an accessory for LEDIFY SaunaLED series. KiuasLED is suitable for installation in both, wood and electric saunas.

KiuasLED withstands the steam and heat rising from the sauna heater, so therefore it's an excellent choice for illuminating e.g. a stone wall behind the heater. If you want to highlight the wall surface, install KiuasLED lamps on the ceiling at about 25cm apart and about 2cm from the wall. Suitable number of luminaires in one meter is 3.

The beam angle of the KiuasLED is narrow 15°, so the illumination is applied beautifully to the desired destination. The rising steam from the heater appears brightly lit.

The KiuasLED has a light color of 3000K (the same warm shade with LEDIFY SaunaLED series).

We also supply KiuasLED 4000 Kelvin as an special order product. By installing side by side 2 KiuasLED lights: one red and one yellow, you get the feel of the campfire. These are also special order products.

The LEDIFY KiuasLED has its own 5m long cable. If necessary, you can connect a total of 10 meters of wire (2 x 5m), allowing reach for large rooms.

KiuasLED is suitable for use with solar panels, because of the 12V voltage.

LEDIFY

KiuasLED installation

The installation of LEDIFY KiuasLED is quick and easy for a professional. The mounting hole for each lamp is Ø 12 mm. The KiuasLED lamp is attached to this hole by its springs which will open up. Each lamp has a 15cm-long cable with quick coupling, which can be easily be attached to 5m connecting cable with quick coupling as well. The cables of KiuasLED are heat resistant up to +180°C so they are suitable to use in sauna installation according to all the requirements. The KiuasLED lamp can be replaced with a new one even after years of use because of the easy quick couplings. (The exchange is done by pulling out the old lamp from the mounting hole, disconnect the wiring quick couplings, connect the new lamp with the old cable and insert a new lamp into place.)

KiuasLED wiring should be mounted behind the sauna wall or behind of the roof structures. The 5m connecting cables will be attached to the 16-pin connector of SaunaLED series with quick connector. 16-pin connector is IP20 and therefore it has to be placed in a dry place. It can be placed behind the wall structures. 5m-long cable attaches 16-pin connector to the transformer with a plug.

SaunaLED IP20 transformer should be placed in a dry place with normal room temperature, e.g. in the ceiling of shower room or in the dressing room behind sauna. If the transformer is installed in the sauna room, it has to be placed max. 1 m in height. In the sauna room or outdoors the transformer has to be protected from water and moisture and cased in order to achieve minimum of IP44 protection rating.
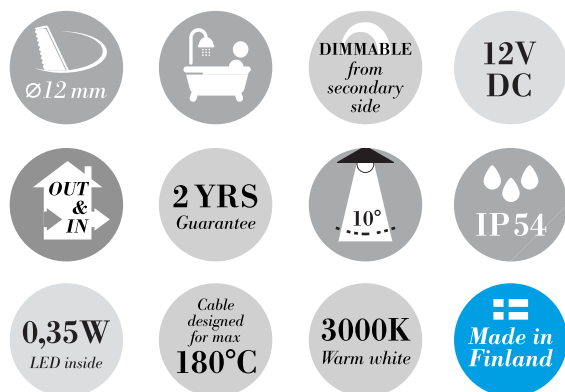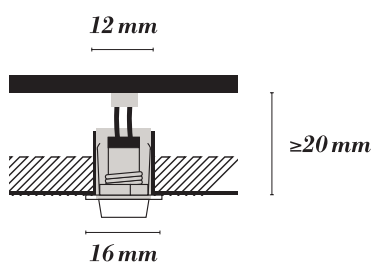
LEDIFY KiuasLED sales package Includes

KiuasLED luminaire

5 m connecting cable

LEDIFY Kiuas LED tekniset tiedot

Voltage.. 12 V

Power ....0,35 W/LED

Valon väri ....3000K warm white

Protection rating IP54

Mounting hole 12mm

NOTE. If you want to use e.g. 3 pieces of KiuasLEDs as an independent light group, you need transformer 201206 and 16-pin cinnector 100006 witch are sold separately.

LEDIFY KiuasLED lamp and SaunaLED series can be dimmed from the secondary side (12V). We recommend using LEDIFY Magic sensor 201234 or LEDIFY Remote control 241123.

KiuasLED is dimmable from the primary side using LEDIFY TRIAC dimmable 30W driver (201230X).

KIUASLED

Product	Art.nro	Electric No.	GTIN
KiuasLED Gold 3000K	100111	4128436	6410041284262
KiuasLED Silver 3000K	100112	4128433	6410041284279
KiuasLED Black 3000K	100113	4128435	6410041284286

PÖLKKY

LED valaisin | LED ljus | LED light

LEDIFY PÖLKKY wall light is designed for sauna, but it's suitable in all areas of home and also outdoors. PÖLKKY is installed on the wall approx. in height 160-180cm, where light is beautifully divided up and down along the wall surface. The light color is warm 3000K.

The luminaire body is untreated pine, so it can be processed to the desired color matching the sauna panels. When using a luminaire in the sauna or outdoors the body should always be painted or varnished to protect the wood.

LEDIFY

PÖLKKY

LED valaisin | LED ljus | LED light

Kaari
(Arc)

Kierre
(Twist)

Kulma
(Corner)

PÖLKKY's light source is heat reststant for over 125°C, allowing the installation of the lamp in more than one meter height in the sauna. Heat resistance of the connecting wires is +180°C, the wires have silicone coating with glass fiber braid.

LEDIFY PÖLKKY is suitable for connection as a SaunaLED series add-on, SaunaLED lamps behind the backrest and PÖLKKY lights on the walls of the sauna give beautiful lighting.

PÖLKKY luminaire is suitable for use with solar panels with a voltage of 12VDC. PÖLKKY is dimmable from the secondary side (like the SaunaLED series).

A single LED light source can be replaced (spare lamp 4128449).

The sales package includes a wooden wall lamp with 2pcs SaunaLED light sources, 2pcs 5m cord an installation instructions.

Wall mounting is easy with a single screw (not included), the screw head snaps into place on the backside of the lamp.

PÖLKKY's wiring is leaded to the sauna from behind the wall structures.

NOTE. The PÖLKKY lamp needs LEDIFY 6W Driver 4013602 and LEDIFY 16-pin connector 4128425 (these can be purchased separately or you can connect to PÖLKKY with already existing SaunaLED series).

Examples:

Only 2 PÖLKKY wall lights in the sauna.

We recommend:
2pcs PÖLKKY lighting fixtures
6W SaunaLED Driver 201206
16-pin connector 100006

2 PÖLKKY wall lights and a SaunaLED series.

Recommended for
2pcs PÖLKKY lighting fixtures
SaunaLED series
(PÖLKKY is connected to the SaunaLED Series 16-pin connector)

PÖLKKY LED-luminaire

Product	Art. no.
Arc	106701
Corner	106702
Twist	106703
IP20 Model,	including driver
PAINTED	

You can even choose the color of the light source body: black, white, gold or silver

TEHTY SUOMESSA
® MADE IN FINLAND

OUT & IN

3000K
Warm white

DIMMABLE
from secondary side

12V DC

IP 54

0,35W
LED inside

2 YRS
Guarantee

Low heat

Made in Finland

SELV

LAUDEVALO

LED saunavalo | LED-bastuljus | LED saunalight

CUSTOM MADE *in Finland*
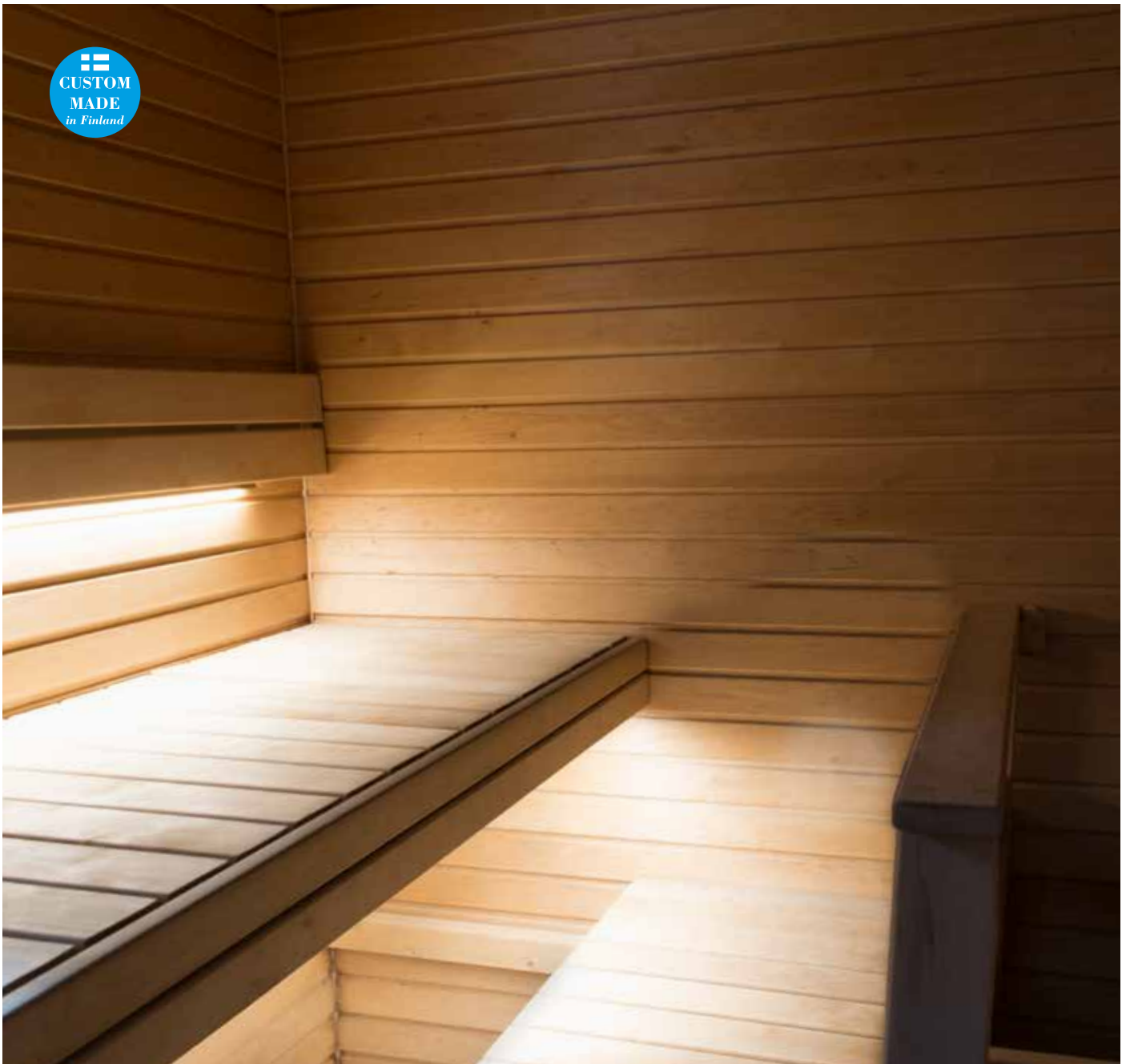
LEDIFY LAUDEVALO is a sauna luminaire, which is installed under the sauna bench to create smooth and pleasant lighting. We produce LAUDEVALOs ready for installation, including all necessary parts. Thanks to its waterproof body, the luminaire works as well in outdoor kitchens, barbecues etc.

LEDIFY products have a 2 year warranty

OUT & IN

DIMMABLE *from secondary side*

12V DC

IP54

2 YRS *Guarantee*

Low heat

SELV

LEDIFY

IP67 LED STRIPS

LEDIFY LED strips are extremely durable, reliable and high quality. Our LED strips are suitable for all indoor and outdoor spaces, public spaces, ships, cars and even work with solar panels. LEDIFY LED strips are trusted by many professionals.

The versatile and durable LEDIFY LED strip is fit in really tight spaces and illuminates surfaces evenly.

Thanks to the low operating temperature and high lumen output, LED strips provides a smooth and even light for kitchen worktops and other similar spaces.

LED strip can also be used in outdoors such as in terraces, stairs or railings. LED strips can also be installed inside the aluminum profile. We offer different kinds of profiles and they all come with a matte diffuser. The strip does not heat up, so it can safely be installed in a small space.

Installing the LED strip is easy with the strong 3M tape on the back side of the strip. LED strip can also be cut with scissors to the proper length from the cutting marks.

LEDIFY LED strip is available in two different color temperatures: 3000K and 4000K

The IP67 LED strip is suitable for use in challenging conditions. The silicon mass around the LED strip protects the it from moisture, dust and even from small shocks.

IP67 LED STRIPS

IP67 LED-nauhavalaisin | IP67 LED ljuslist | IP67 LED strip

4,8 W

Power...4,8 W/m
Voltage...12VDC
Luminous flux .... 400 lm/m
Protection rating IP67
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm)...........5000 x 10 x 2,5

7,2 W

Power...7,2 W/m
Voltage...12VDC
Luminous flux .... 600 lm/m
Protection rating IP67
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm)...........5000 x 10 x 2,5

9,6 W

Power...9,6 W/m
Voltage...12VDC
Luminous flux .... 800 lm/m
Protection rating IP67
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm)...........5000 x 10 x 2,5

14,4 W

Power....................................... 14,4 W/m
Voltage...12VDC
Luminous flux ....1100 lm/m
Protection rating IP67
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm)...........5000 x 10 x 2,5

14,4 W
RGB

Power....................................... 14,4 W/m
Voltage...12VDC
Luminous flux ....1100 lm/m
Protection rating IP67
Operating temperature...-25°C - +60°C
Color Temperature........................... RGB
Beam angle .... 120°
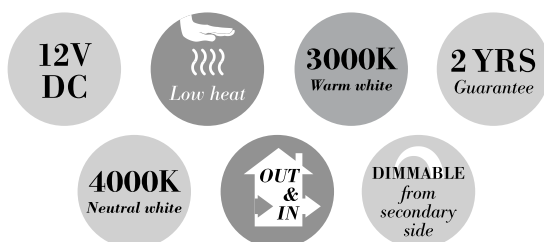Dimensions (mm)...........5000 x 12 x 2,5

LEDIFY

Features

Strip doesn't heat up, so it can also be installed in small spaces.
Strong 3M tape
Silicone rubber protects the strip from moisture, dust and even from small shocks
5m strip in sales package
Long life
2 year warranty

Technical information

Voltage.. 12 V
Protection Rating IP67
Color temperature .... 3000K / 4000K
Beam angle 120
Dimensions (mm)...5000 x 10 x 2.5

LED strip power and driver

4.8W/m, requires a minimum of 24W driver
7.2W/m, requires a minimum of 36W driver.
9.6W/m, requires a minimum of 50W driver.
14.4W/m, requires a minimum of 75W driver.

Note! The packaging does not contain the driver.

The tape can be cut with regular scissors from the marks spaced at 5cm intervals.

The tape can be extended with extension connectors, however we recommend to solder the electrical wires to the contact surfaces of the strip.

The LED strip is sold in 5m packs.

Our LED strips work with12VDC and they are dimmable. Drivers and dimmers are sold separately.

IP67 LED strips are available in powers: 4.8W, 7.2W, 9.6W and 14.4W / m and in colors of 3000K and 4000K

RGB LED strip is also available with IP67 protection

Please note that the max. lenght of LED strip is 10m.

IP67 LED Strips

Product	Art.nro	Electric No.	GTIN
4,8W/m 12V			
4,8W/m 3000K IP67	336748	4128490	6410041284903
4,8W/m 4000K IP67	346748	4128491	6410041284910
7,2W/m 12V			
7,2W/m 3000K IP67	346772	4128494	6410041284941
7,2W/m 4000K IP67	336772	4128495	6410041284958
9,6W/m 12V			
9,6W/m 3000K IP67	336796		
9,6W/m 4000K IP67	346796		6430062719642
14,4W/m 12V			
14,4W/m 3000K IP67	336714	4128498	6410041284989
14,4W/m 4000K IP67	346714	4128499	6410041284996
RGB 14,4W/m 12V			
RGB 14,4W/m IP67	396714		6430062712186
RGB-controller + Remote	241864		6430062718645

12V DC
Low heat
3000K Warm white
2 YRS Guarantee
4000K Neutral white
OUT & IN
DIMMABLE from secondary side

IP20 LED STRIPS

IP20 LED-nauhavalaisin | IP20 LED ljuslistt | IP20 LED strip

LEDIFY LED strips are extremely durable, reliable and high quality. Our LED strips are suitable for all indoor and outdoor spaces, public spaces, ships, cars and even work with solar panels. LEDIFY LED strips are trusted by many professionals.

The versatile and durable LEDIFY LED strip is fit in really tight spaces and illuminates surfaces evenly.

Thanks to the low operating temperature and high lumen output, LED strips provides a smooth and even light for kitchen worktops and other similar spaces.

LED strip can also be used in outdoors such as in terraces, stairs or railings. LED strips can also be installed inside the aluminum profile. We offer different kinds of profiles and they all come with a matte diffuser. The strip does not heat up, so it can safely be installed in a small space.

Installing the LED strip is easy with the strong 3M tape on the back side of the strip. LED strip can also be cut with scissors to the proper length from the cutting marks.

LEDIFY LED strip is available in two different color temperatures: 3000K and 4000K

The IP20 LED strip is suitable for use in dry environments. Popular applications are cabinets, glass showcases and in the kitchen worktops inside the aluminum profile

LEDIFY

IP 20 LED-STRIPS

IP 20 LED-nauhavalaisin | IP 20 LED ljuslistt | IP 20 LED strip

4,8 W

Power...4,8 W/m
Voltage...12VDC
Luminous flux......................... 400 lm/m
Protection rating IP20
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm).............5000 x 8 x 2,5

7,2 W

Power...7,2 W/m
Voltage...12VDC
Luminous flux......................... 600 lm/m
Protection rating IP20
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm).............5000 x 8 x 2,5

9,6 W

Power...9,6 W/m
Voltage...12VDC
Luminous flux......................... 800 lm/m
Protection rating IP20
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm).............5000 x 8 x 2,5

14,4 W

Also with
ADJUSTABLE
Color TEMP

Power.. 14,4 W/m
Voltage...12VDC
Luminous flux.........................1100 lm/m
Protection rating IP20
Operating temperature...-25°C - +60°C
Color Temperature.........3000K / 4000K
Beam angle .... 120°
Dimensions (mm).............5000 x 8 x 2,5

14,4 W
RGB

Power.. 14,4 W/m
Voltage...12VDC
Luminous flux.........................1100 lm/m
Protection rating IP20
Operating temperature...-25°C - +60°C
Color Temperature........................... RGB
Beam angle .... 120°
Dimensions (mm)...........5000 x 10 x 2,5

LED strip power and driver

4.8W/m, requires a minimum of 24W driver
7.2W/m, requires a minimum of 36W driver
9.6W/m, requires a minimum of 50W driver
14.4W/m, requires a minimum of 75W driver

Note! The packaging does not contain the driver.

The tape can be cut with regular scissors from the marks spaced at 5cm intervals.

The tape can be extended with extension connectors, however we recommend to solder the electrical wires to the contact surfaces of the strip.

The LED strip is sold in 5m packs.

Our LED strips work with12VDC and they are dimmable. Drivers and dimmers are sold separately.

IP20 LED strips are available in powers: 4.8W, 7.2W, 9.6W and 14.4W / m and in colors of 3000K and 4000K

RGB LED strip is also available with IP20 protection

Please note that the max. lenght of LED strip is 10m.

Features

Strip doesn't heat up, so it can also be installed in small spaces.
Strong 3M tape
5m strip in sales package
Long life
2 year warranty

Technical information

Voltage... 12 V
Protection Rating IP20
Color temperature .... 3000K / 4000K
Beam angle 120
Dimensions (mm)... 5000 x 8 x 2.5

IP 20 LED strip

Product	Art.nro	Electric No.	GTIN
4,8W/m / 12V			
4,8W/m 3000K IP20	332048	4128488	6410041284880
4,8W/m 4000K IP20	342048	4128489	6410041284897
4,8W/m 3000K IP20 30m	332048R		
4,8W/m 4000K IP20 30m	342048R		
7,2W/m / 12V			
7,2W/m 3000K IP20	332072	4128492	6410041284927
7,2W/m 4000K IP20	342072	4128493	6410041284934
9,6W/m / 12V			
9,6W/m 3000K IP20	332096		
9,6W/m 4000K IP20	342096		6430062719635
14,4W/m / 12V			
14,4W/m 3000K IP20	332014	4128496	6410041284965
14,4W/m 4000K IP20	342014	4128497	6410041284972
14,4W/m RGB / 12V			
RGB 14,4W/m IP20	392014		6430062712179
RGB-controller + Remote	241864		6430062718645

12V DC · Low heat · 3000K Warm white · 2 YRS Guarantee · OUT & IN · DIMMABLE from secondary side · 4000K Neutral white
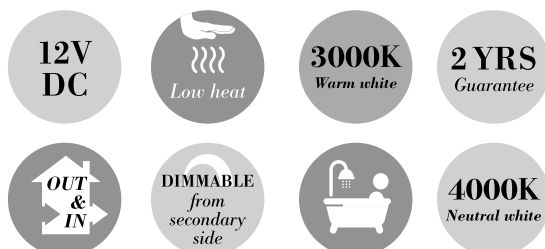
LEDIFY

PROFILES

Aluminum profiles for LED stips makes unique lighting solutions possible in home as well as in public spaces. LEDIFY aluminum profile length is 2 m.

The wear-resistant surface of the profile is easy to keep clean, for example in the kitchen; clean with a moist cloth. The LED aluminum profile is available in colors white, black, bronze and aluminum. End pieces are available in same color as the profile The profile is finished with a white diffuser that smoothes the light evening out the sigle LED spots on the strip.

By installing an aluminum profile with LEDIFY 14.4W/m 4000K IP20 LED strip, you can get excellent working light!

In the sauna we recommend using untreated (silver) aluminum profile and LEDIFY LED strip 4.8W/m IP67 to be used inside.

NOTE. The ambient temperature of the LED strip should not exceed +60°C

We also have an aluminum profile B model for recessed mounting as well as the C-model for installation at an angle of 45°

SOLIS

Double wide

A

Surface mount

B

Recssed mount

C

Corner mount

A
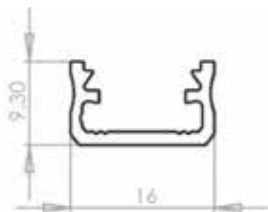
Surface mount

Profile A
Surface mount

A Surface mount
The end pieces are same color as profiles and with or without the hole for cable.
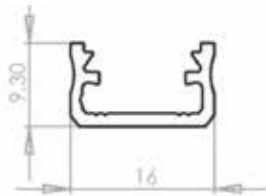

A Surface mount
Mounting piece (transparent)

A Surface mount
Suspension kit Includes 2 pieces of 120 cm wires and fasteners.

Profile A Surface mount

|	
PAS2	Aluminum profile A Silver 2m Surface mount
PAW2	Aluminum profile A white 2m Surface mount
PAB2	Aluminum profile A black 2m Surface mount
PAI2	Aluminum profile A bronze 2m Surface mount
PAS-Z	End piece A silver
PAS-ZO	End piece A silver with hole
PAW-Z	End piece A white
PAW-ZO	End piece A white with hole
PAB-Z	End piece A black
PAB-ZO	End piece A black with hole
PAI-Z	End piece A Bronze
PAI-ZO	End piece A bronze with hole
PATR-UCH	Profile mounting piece A MINI Transparent
KCLML2	Snap-in diffuser for A B C profiles 2m

LEDIFY

Profile A

Surface mount

9.30

16

Surface mount
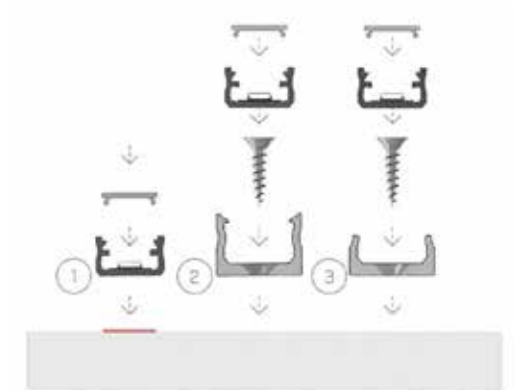
Installation with tape or screws
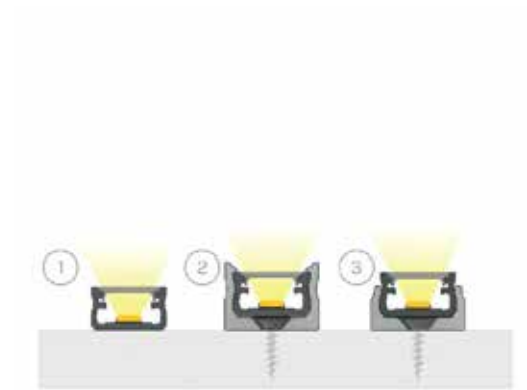
Final result

Installation diagram
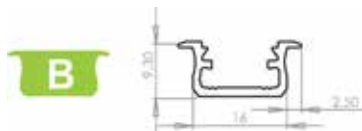
B Recessed mount
Profile end pieces
Same color as profiles

Profile B-Recessed mount

|	
PBS2	Aluminum profile B silver 2m recessed
PBW2	Aluminum profile B white 2m recessed
PBB2	Aluminum profile B black 2m recessed
PBI2	Aluminum profile B bronze 2m recessed
PBS-ZO	End piece B silver with hole
PBW-ZO	End piece B white with hole
PBB-ZO	End piece B musta with hole
PBI-ZO	End piece B Bronze with hole
KCLML2	Snap-in diffuser for A B C profiles 2m

LEDIFY

Profile B
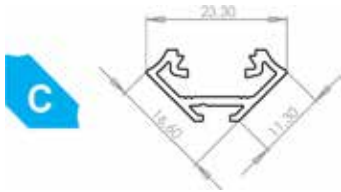Recessed mount

Installation into mounting groove

Final result
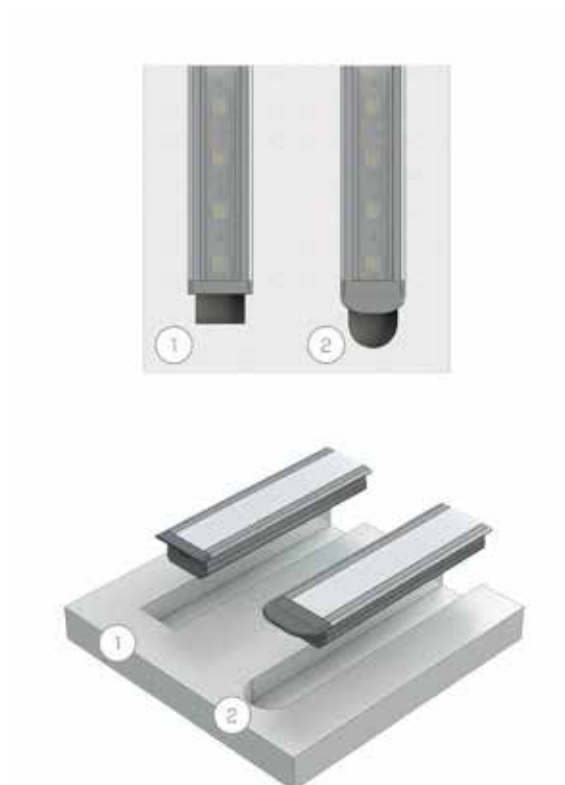
Sample installations and mounting groove types
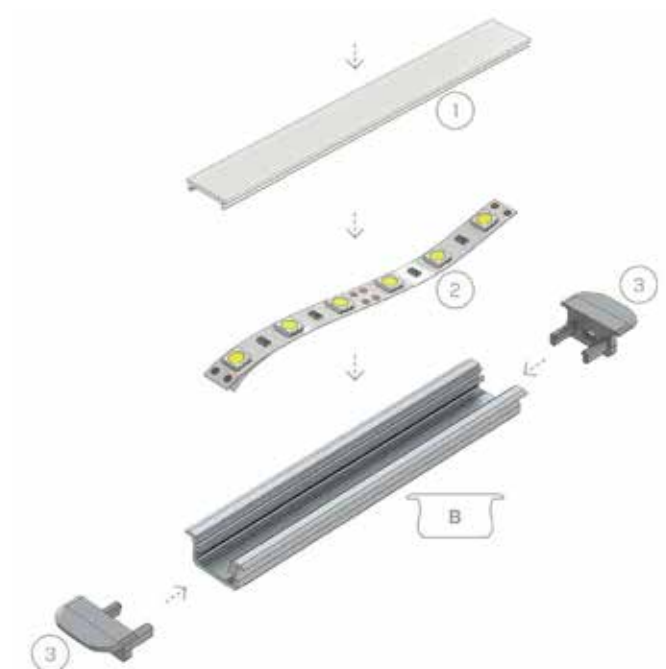
Installation diagram

Profile C

Corner mount

C Corner mount
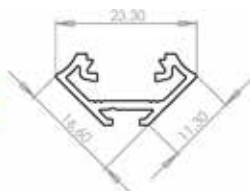The end pieces are same color as profiles and with or without the hole for cable.

C Corner mount
Mounting piece (transparent)

Profiili C-uppoasennus

|	
PCS2	Aluminum profile C silver 2m for corner
PCW2	Aluminum profile C white 2m for corner
PCB2	Aluminum profile C black 2m for corner
PCI2	Aluminum profile C bronze 2m for corner
PCS-Z	End piece C silver
PCS-ZO	End piece C silver with hole
PCW-Z	End piece C white
PCW-ZO	End piece C white with hole
PCB-Z	End piece C black
PCB-ZO	End piece C black with hole
PCI-Z	End piece C bronze
PCI-ZO	End piece C bronze with hole
PCTR-UCH	Profiles mounting piece C MINI transparent
KCLML2	Snap-in diffuser for A B C profiles 2m

LEDIFY

Profile C

Corner mount
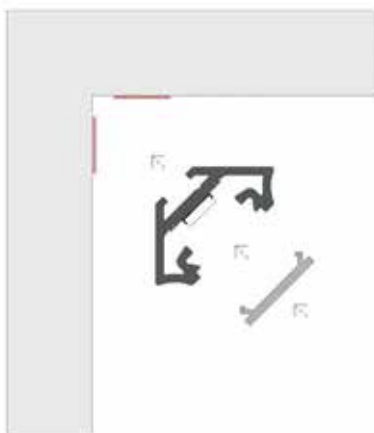
Installation with tape or screws
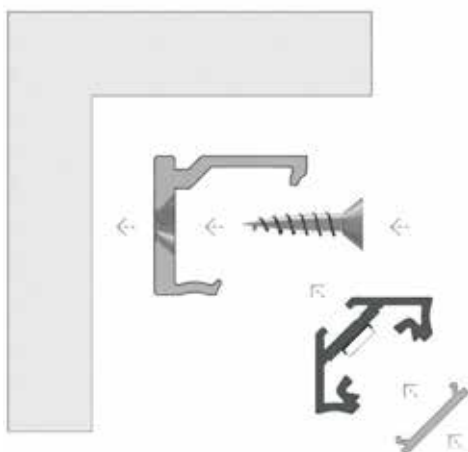
Final result

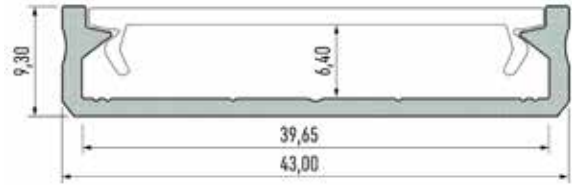**Installation with mounting piece**
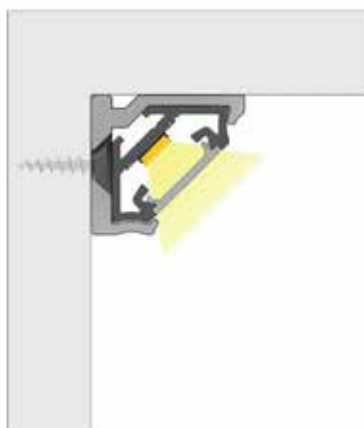
FInal result

Installation diagram

Profiili Solis

Double wide
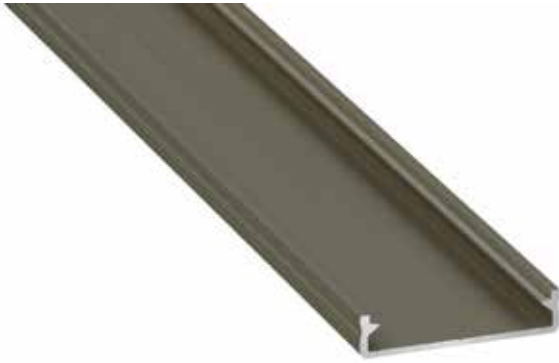
Solis End piece
The end pieces are same color as profiles.

Profiili Solis- Double wide

SOLISS2	SOLIS Aluminum profile 2m silver
SOLISW2	SOLIS Aluminum profile 2m white
SOLISB2	SOLIS Aluminum profile 2m black
SOLISI2	SOLIS Aluminum profile 2m bronze
KCLML SOLIS2	Diffuser for SOLIS profiles 2m white
SOLISS-Z	End piece SOLIS silver
SOLISS-ZO	End piece SOLIS silver with hole
SOLISW-Z	End piece SOLIS white
SOLISW-ZO	End piece SOLIS white with hole
SOLISB-Z	End piece SOLIS black
SOLISB-ZO	End piece SOLIS black with hole
SOLISI-Z	End piece SOLIS bronze
SOLISI-ZO	End piece SOLIS bronze with hole

LEDIFY
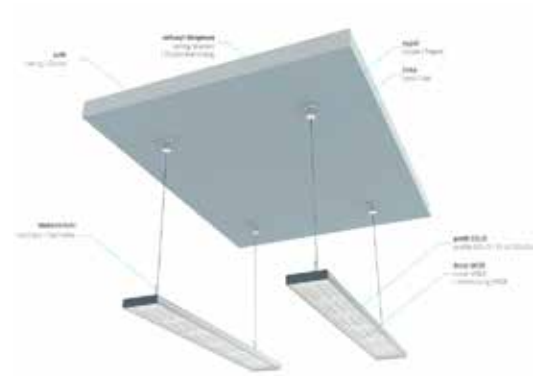
Installation example
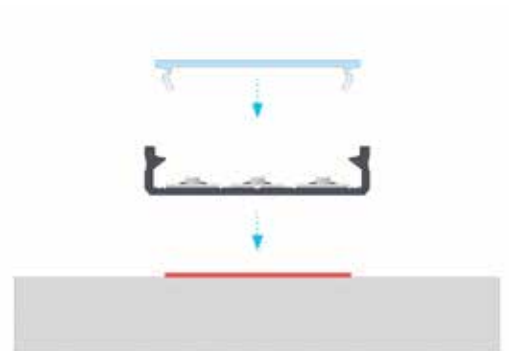
Installation with Double sided tape

Installation diagram

Final result

LEDIFY ◎

OTHER LUMINAIRES AND ACCESSORIES

LEDIFY Hohto

LED-PANELS

18 W
Power..18 W
Voltage.......................................230 VAC
Protection rating............................. IP40
Dimensions (mm)................223x22mm
Mounting hole ....205 mm
Light output.............................. 1260 lm

12 W
Power..12 W
Voltage.......................................230 VAC
Protection rating............................. IP40
Dimensions (mm)................173x22mm
Mounting hole ....155 mm
Light output..................................840 lm

8 W
Power..18 W
Voltage.......................................230 VAC
Protection rating............................. IP40
Dimensions (mm)...............120x22mm
Mounting hole ....108 mm
Light output..................................560 lm

3 W
Power.. 3 W
Voltage.......................................230 VAC
Protection rating............................. IP40
Dimensions (mm)................ 85x22mm
Mounting hole ....70 mm
Light output..................................210 lm

PORRASLED

LED-valaisinsarja | LED-belysning serie | LED lighting serie

LEDIFY PorrasLED lights bring beautiful lighting into stairs and corridors.
The special needs of the staircase has been taken into account in design of the lamps; the light is guided to where it's needed and the dazzling of the light is eliminated to as small as possible.

COLOR OPTIONS FOR PORRASLED

Installing the PorrasLED to steps is easy. A Ø 12mm hole is made for each light fitting, where the LED light will attach by mounting springs. Each light fixture has a 10 cm long wire equipped with quick connector that is attached to a 5m connecting cable. If necessary, the LED light can be connected to total of 10 meters of wire (2 x 5m of wires).

The PorrasLED is available in with white or silver body and the light color is 3000K. On special request we can also manufacture the series with 4000K light color. The PorrasLED luminaire is also great for boats and cars because of 12V supply voltage. The PorrasLED also works with solar panels.

LEDIFY

PorrasLED Installation

The 5m wires of the PorrasLED series are connected by quick connectors to a 16-pin connector. From the 16-pin connector a 5m cable is attached to each LED light.

The LEDIFY PorrasLED can be dimmed from the secondary side (12V). We recommend using eg LEDIFY Magic Sensor 201234 or LEDIFY Remote Controller 241123.

 The transformer supplied with the PorrasLED series can not dimmed from the primary side!

LEDIFY PorrasLED sales package includes

6, 9 or 15 lamps with wires
5m connecting cable for each lamp
16-pin connector
driver 12V DC 6W
installation instructions
We also prepare a ready-to-install series according to the customer's needs
Contact us or your staircase manufacturer.

LEDIFY PorrasLED technical information

Voltage.. 12 V
Power ....0,35 W/LED
Color temperature ....3000K warm white
Protection Rating IP20
Mounting hole... 12mm
Driver 6W 12V
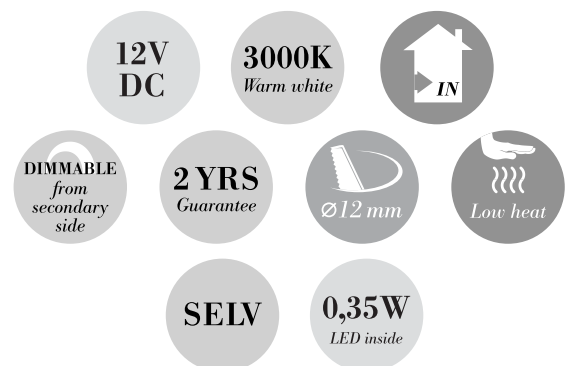
PorrasLED

Product	Art.no	Sähkönro	GTIN
Porras LED Silver	100112	4128433	6410041284279
Porras LED White	100113	4128435	6410041284286

HOHTO

LED valaistu räätälöitävä kyltti | Skräddarsydda skyltar med LED-ljus | Custom made sign with LED light

LEDIFY HOHTO is a illuminated sign suitable for outdoor use. HOHTO is made of weather resistant acrylic plate that is illuminated with LED lights. We laser engrave the sign by the customers wishes.

HOHTO works well as a house number, as a guidance sign or for example as a company advertisement. HOHTO can be mounted into wall with screws or you can hang it with wires.

Contact us and ask for possibilities.

LEDIFY ◎

HOHTO

LED valaistu räätälöitävä kyltti | Skräddarsydda skyltar med LED-ljus | Custom made sign with LED light

LEDIFY products have a 2 year warranty

OUT & IN

DIMMABLE
*from
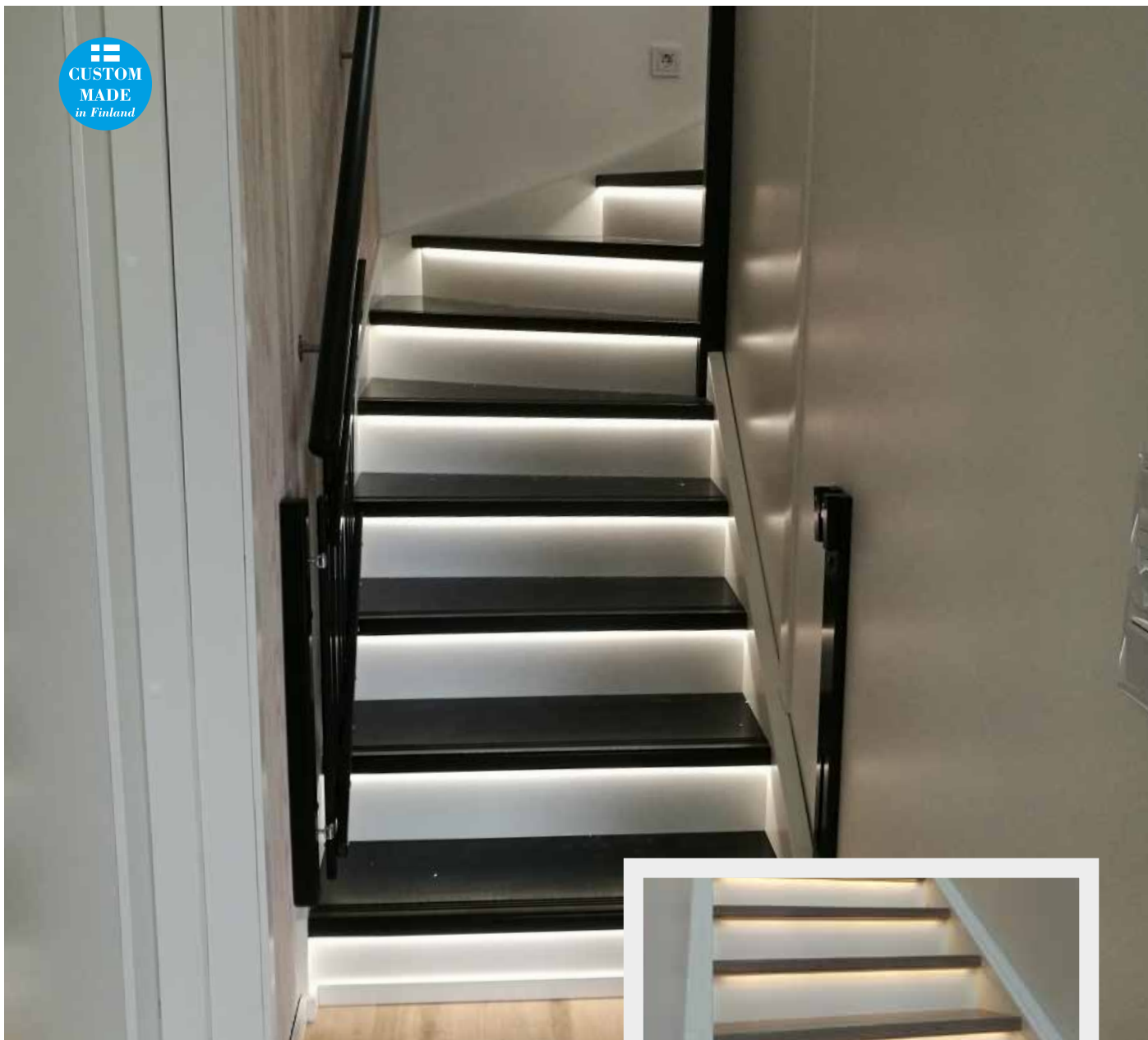secondary
side*

12V
DC

IP 54

CUSTOM
MADE
in Finland

2 YRS
Guarantee

Low heat

SELV

ASKELMA

LED porrasvalo | LED-stegljus | LED stairlight

LEDIFY ASKELMA is a LED lighting solution for staircases. Light profiles are installed below the steps to create a smooth and pleasant lighting.

We produce a custom made sets ready for installation, including all necessary parts.

LEDIFY

LED DRIVERS

We offer LED drivers for dry (IP20) and wet (IP67) conditions. LEDIFY transformers are short circuit and overheat protected. All our transformers have a 2 year warranty. LEDIFY LED drivers are designed for professional use.

12VDC transformers are suitable for use eg. LED luminaires, LED strips and with SaunaLED lighting series.

How much load a can I add to a 6.25A driver? The power (W) of the driver can be calculated by multiplying the voltage (V) with amperes (A).

Example: 6,25A * 12V = 75W

If you want to install a 9.6W/m LED strip, divide power of the driver with the power of the LED strip.

Example 75W : 9.6W/m = 7.81m (So you can connect 7m of

9.6W/m LED strip to a 75W driver.) Note: We recommend to load up drivers only to 90% of its maximum capacity.

For dimming LEDIFY LED strip or SaunaLED series from the primary side, select 12VDC TRIAC dimmable driver. (201230X, 201250X or 201275X)

Our product range also includes IP20 drivers for mounting boxes, 350mA and 700mA, of which 700mA is suitable for use with the SaunaLED series.

OUT & IN

DIMMABLE *from secondary side*

12V DC

Low heat

2 YRS *Guarantee*

IP20 TRIAC DRIVERS

Muuntajat | Transformator | Driver

75 W

TRIAC

Power...75 W
Voltage..12VDC
Protection rating.............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............171 x 57 x 33
This driver can be controlled with a
TRIAC dimmer.

50 W

TRIAC

Power...50 W
Voltage..12VDC
Protection rating.............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............177 x 58 x 23
This driver can be controlled with a
TRIAC dimmer.

30 W

TRIAC

Power...30 W
Voltage..12VDC
Protection rating.............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............156 x 50 x 17
This driver can be controlled with a
TRIAC dimmer.

LEDIFY IP 20 TRIAC Drivers

Product	Art.nro	Electric No.	GTIN
LED Driver 75W 12V TRIAC 6,25A	201275X		6430062712322
LED Driver 50W 12V TRIAC 4,1A	201250X		6430062712315
LED Driver 30W 12V TRIAC 2,5A	201230X	4013603	6410040136036

LEDIFY

IP20 DRIVERS

Muuntajat | Transformator | Driver

132 W

Power.. 132 W
Voltage...12VDC
Protection rating...............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............. 180 x 66 x 33

75 W

Power...75 W
Voltage...12VDC
Protection rating...............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............. 200 x 63 x 30

50 W

Power...50 W
Voltage...12VDC
Protection rating...............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............. 160 x 58 x 18

30 W

Power...30 W
Voltage..12VDC
Protection rating.............................. IP20
Operating temperature.-25°C - +45°C
Dimensions (mm)............ 156 x 50 x 17

IP20 DRIVERS

Muuntajat | Transformator | Drivers

15 W

Power..15 W
Voltage...12VDC
Protection rating...............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm).............103 x 35 x 16

6 W

Power.. 6 W
Voltage...12VDC
Protection rating...............................IP20
Operating temperature...-25°C - +45°C
Dimensions (mm)............... 99 x 46 x 11

350 mA

Power..2-10 W
Voltage................................. 5.5 - 30 VDC
Protection rating...............................IP20
Operating temperature...-20°C - +45°C
Dimensions (mm)............... 40 x 44 x 20

700 mA

Power...3,8-9 W
Voltage................................. 5.5-13VDC
Protection rating...............................IP20
Operating temperature...-20°C - +45°C
Dimensions (mm)............... 40 x 44 x 20

LEDIFY IP 20 Muuntajat

Product	Art.nro	Electric No.	GTIN
LED Driver 132W 12V 6,25A	2012132		6430062712339
LED Driver 75W 12V 6,25A	201275	4013601	6410040136012
LED Driver 50W 12V 4,1A	201250		6430062712506
LED Driver 30W 12V 2,5A	201230	4013600	6410040136005
LED Driver 15W 12V 1,25A	201215		6430062712155
LED Driver 6W 12V 0,5A	201206	4013602	6410040136029
Driver 700mA	200700		6430062717006
Driver 350mA	200350		6430062716993

LEDIFY ◯

Muuntajat | Transformator | Drivers

120 W

Power.. 120 W
Voltage..12 V
Protection rating...............................IP67
Operating temperature...-20°C - +45°C
Dimensions (mm).............. 190 x 63 x 38

60 W

Power...60 W
Voltage..12 V
Protection rating...............................IP67
Operating temperature...-20°C - +40°C
Dimensions (mm).............. 160 x 42 x 32

36 W

Power...36 W
Voltage..12 v
Protection rating...............................IP67
Operating temperature...-20°C - +45°C
Dimensions (mm).............. 147 x 40 x 30

10 W

Power...10 W
Voltage..12 v
Protection rating...............................IP67
Operating temperature...-25°C - +60°C
Dimensions (mm)............... 58 x 48 x 25

LEDIFY IP67 Drivers

Product	Art.nro
LED Driver 120 W	LPV-150-12
LED Driver 60 W	LPV-60-12
LED Driver 36 W	LPV-36-12
LED Driver 10 W	206710

SWITCHES AND DIMMERS

UHO-1224

The UHO-1224 is dimmer for 12-24 VDC LED lights. The lamp can be switched on, turned off and dimmed with SLO10 remote switch.

UHO-1224 is installed between 12-24 VDC voltage supply and the LED luminaire.

SLO-10

The SLO-10 is a radio frequency controller that can be used with all LC series receivers.

The signal range with no obstructions is approximately 30 meters. SLO-10 can be attached to almost any surface using the supplied screws or two-sided tape. LC series controllers, such as SLO-10, are using device addresses that are unique from each controller.

The number of device addresses is therefore not limited. The power consumption of controller is small. The batteries will last typically for years.

UHO-200

The UHO-200 is a dimmer unit that is installed between the supply voltage and the luminaire or TRIAC dimmable driver. The light can be switch on/off and dimmed with SLO10 remote switch.

LTO-609

The LTO-609 motion detector is intended for controlling LC-series receivers (UHO1224, UHO200 and UKO1000S). Motion detection is implemented using infrared technology.

UKO-1000S

UKO-1000S is a receiver that is connected between the supply voltage and the luminaire or driver. The light can be switched on and off with SLO10 remote switch.

LEDIFY ◎

SWITCHES AND DIMMERS

Profile switch

LEDIFY profile switch works inside the aluminum profile as a switch/dimmer. The switch works by touching the profiles diffusor cover where the switch is installed. Operating voltage 12/24 V. Max.60/72 W.

LEDIFY Radar

On / Off microwave motion sensor for lighting control. Operating voltage 230V. Adjustable light and motion sensitivity and timer.
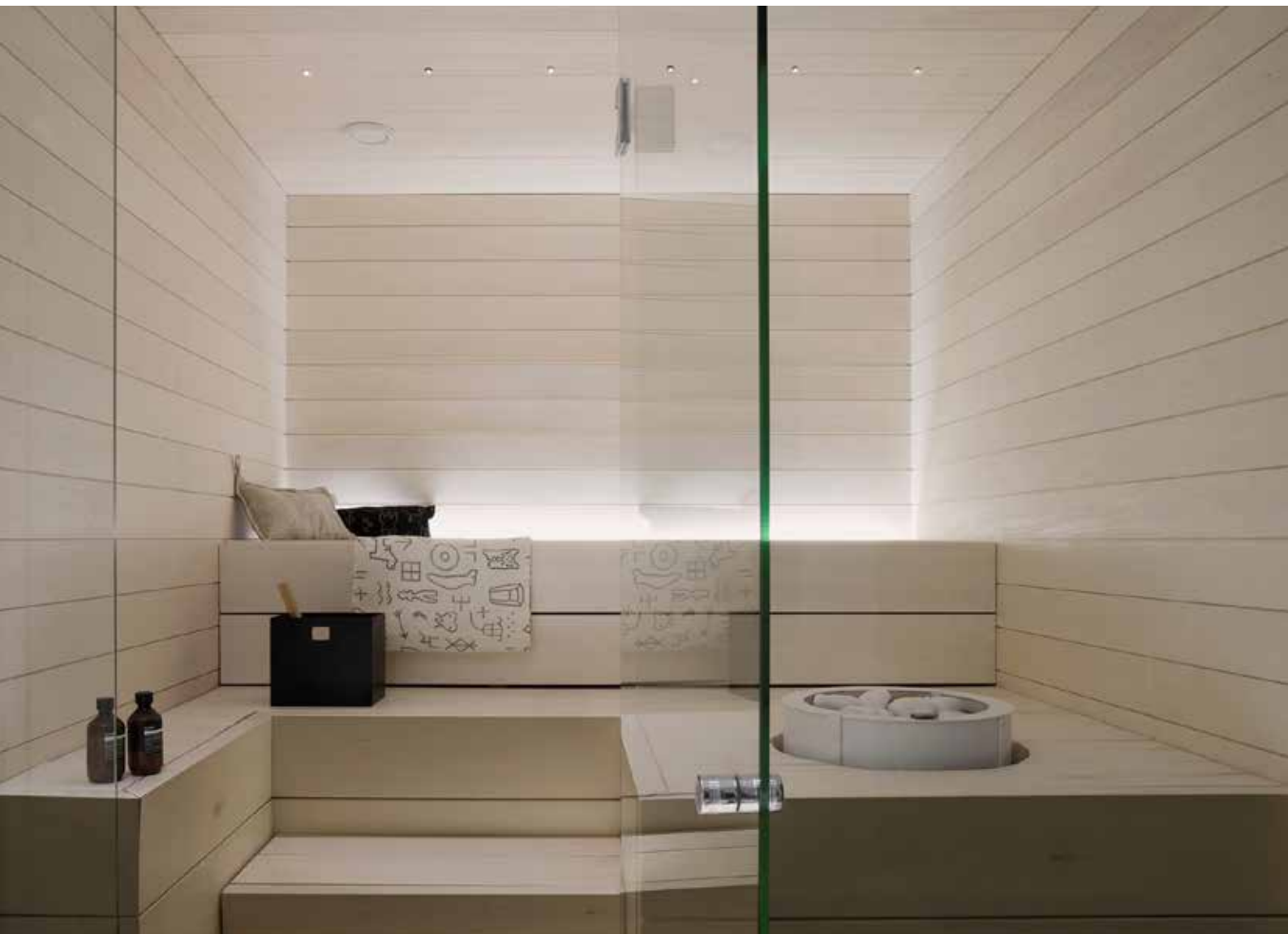

Magic Sensor

LEDIFY Magic Sensor is a switch/dimmer that is mounted behind wooden cabinets or wall panels. The device is working by touching the other side of the surface where the sensor is mounted. The thickness of the surface should be between 10 and 30mm in order for the sensor to work correctly. The Magic Sensor has a maximum load of 60W or 5A and it works with 12V voltage.

DIM SET

The LEDIFY Dim Set remote control has a switch/dimmer function. The device operates on a radio signal (RF). Dim Set control unit is mounted on the secondary side. Operating voltage 12/24 V. Maximum load 48/96 W.

Tuote	Electric No.	GTIN
SLO-10		6430022850149
LTO-609		6430022850200
UHO-1224		6430022850309
UHO-200		6430022850286
UKO-1000S		6430022850255
LEDIFY Radar	22000	5291889051169
Profile switch		6430062710144
DIM SET	241123	591583241123
Magic Sensor	201234	6430062714159

NOTES

LEDIFY

KUIVI

LED-ritiläsaunavalaisin | LED-bastubelysning
LED louvre light for sauna

TEHTY SUOMESSA
MADE IN FINLAND

SAUNA
LED

LED-valaisinsarja | LED-belysningserie
LED light series

TEHTY SUOMESSA
MADE IN FINLAND

LEDIFY ◎

www.ledify.fi