



The Light Group

LED-Strips | How it's done

Learn LED-Strips in 1-2-3

www.tlg.no





We combine Scandinavian design with high quality, innovative and sustainable lighting technology. We are a Norwegian company specializing in the development and manufacture of a wide range of lighting products. We have been developing successful products together with our customers for over 30 years.

As a developer and manufacturer of professional lighting solutions, we offer a wide range of LED spotlight series, LED recessed luminaires, LED strips, control gear and controls under the brands SLC and SLC Design. Our products are characterized by state-of-the-art technology (Zigbee, DALI DT8, DALI2, DMX and KNX) excellent quality and particularly easy installation. You benefit from an excellent price-performance ratio and fast delivery times.

Reliable - Innovative - Team-oriented - Engaged

Norwegian Quality
5 years warranty on all products





1 - 2 - 3



How to succeed with LED-Strips?

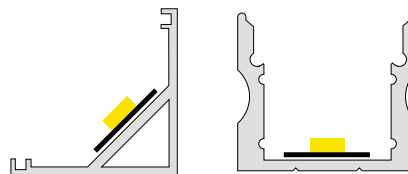
1

Start with the profile

Planning begins with what you want to achieve with lighting. First, choose the profile and cover to achieve the desired solution.

ANGEL OF LIGHT INDIRECT DIRECT

RECESSED SURFACE SUSPENDED



2

LED-Strip

Consider how much light you need before choosing an LED strip. An LED strip with lower light output consumes less energy and requires a smaller control gear. If the project requires a lot of light, you can choose the SLC High Output strips.

AMOUNT OF LIGHT COLOUR IP-GRADE

LENGTH LED'S/M CRI/Ra



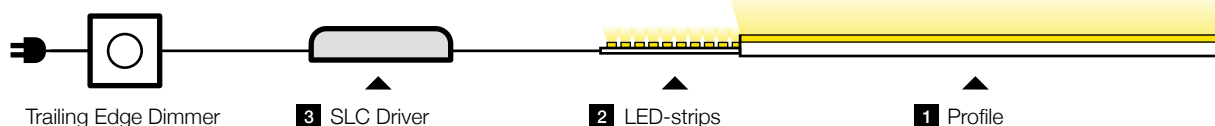
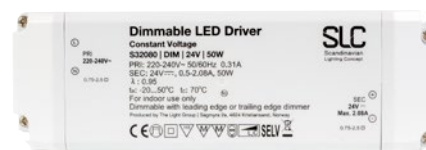
3

Power & Control

The choice of control solution depends on the number of LED strips, total wattage and a control protocol. A fast and safe solution for most installations is the SLC unit driver, which combines operating and control device for up to 100W connections. For larger installations, other product solutions are suitable - we will be happy to advise you.

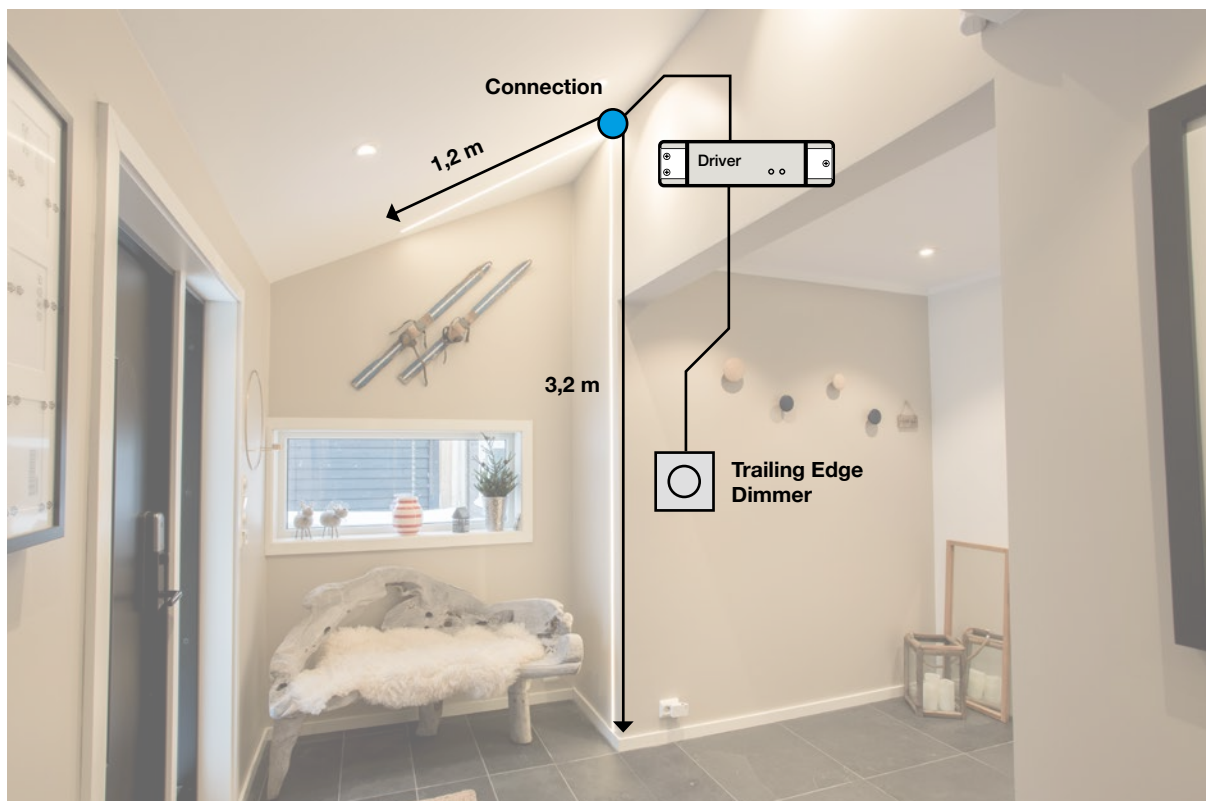
WATTAGE CHANNELS PROTOCOL

DIMMABLE ON/OFF REMOTE



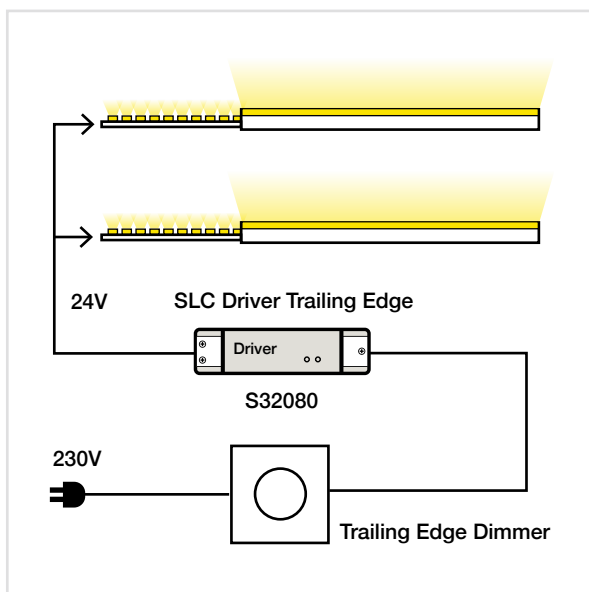


Hallway | How it's done



Calculation

LED STRIP Standard 2.0 CV 9,6W/m = **4,4m**
 9,6W/m X 4,4m = **43W 1CH** driver is needed



Products used

1 Profile

- A4 Recessed 2m
S40103 x 3 pcs. (4,4 m total)
- S41101 x 3 pcs. Opal Cover

2 LED-Strip

- Standard 2.0 CV 3000K 9,6W/m IP20 5m
S11061 x 1 pcs. (4,4 m total)

3 Power & Control

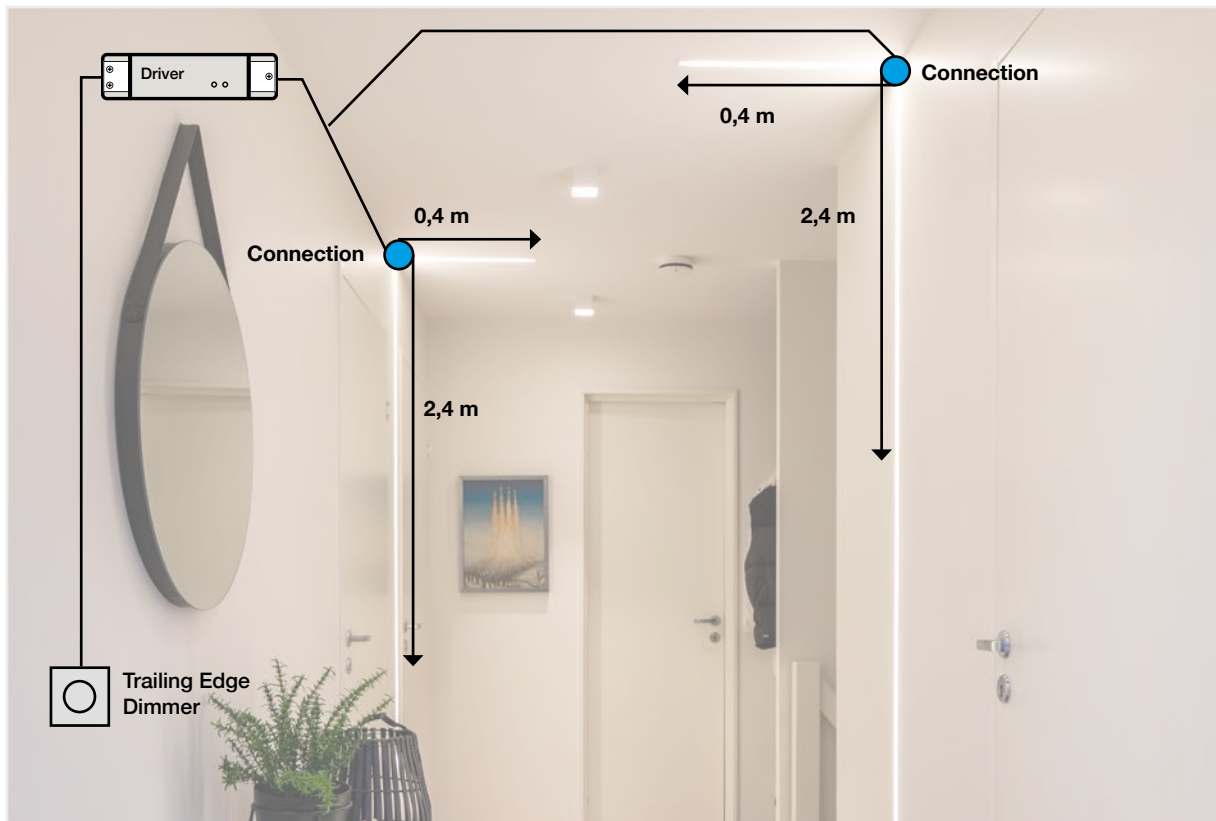
- SLC PSU CV 24V 50W PWM TED
S32080 x 1 pcs.
- SmartOne Trailing egde dimmer 200W
S24019 x 1 pcs.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K

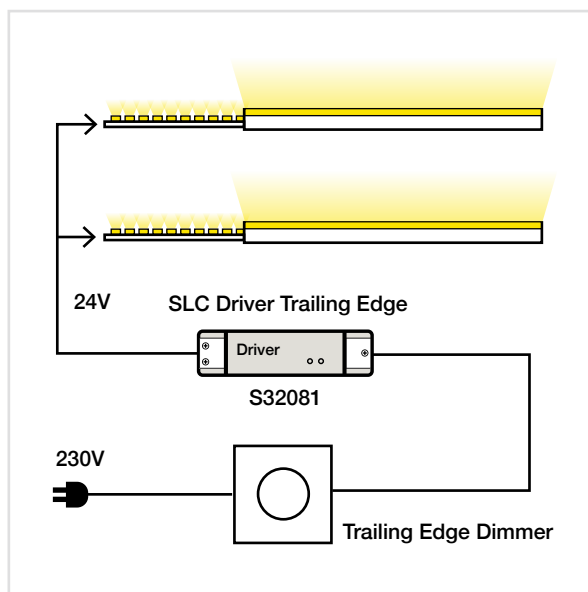


Hallway | How it's done



Calculation

LED STRIP Standard 2.0 CV 9,6W/m = 5,6 m
 9,6W/m X 5,6 m = **53,76W** 1CH driver is needed



Products used

- 1 Profile**
 - A4 Recessed 2m
S40103 x 3 pcs. (5,6 m total)
 - S41101 x 3 pcs. Opal Cover
- 2 LED-Strip**
 - Standard 2.0 CV 3000K 9,6W/m IP20 5m
S11061 x 2 pcs. (5,6 m total)
- 3 Power & Control**
 - SLC PSU CV 24V 100W PWM TED
S32081 x 1 pcs.
 - SmartOne Trailing Edge dimmer 200W
S24019 x 1 pcs.

Optional LED-Strips:

S11060: 2700K / S11061: 3000K / S11062: 4000K

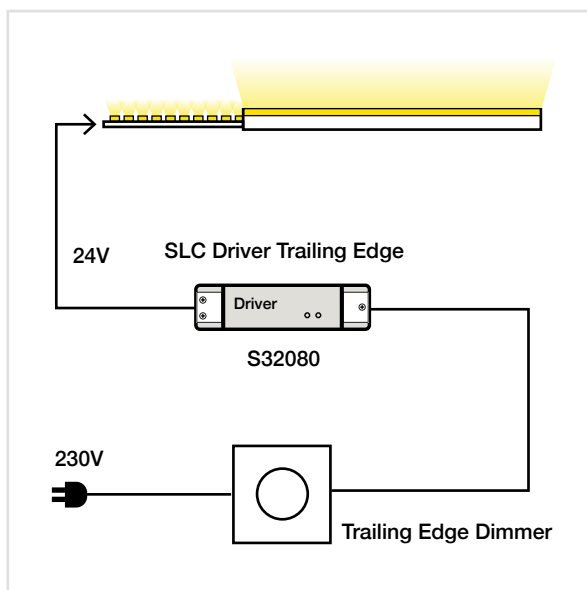


Hallway | How it's done



Calculation

LED STRIP Standard 2.0 CV 9,6W/m = 2,6 m
 9,6W/m X 2,6 m = **24,96W 1CH** driver is needed



Products used

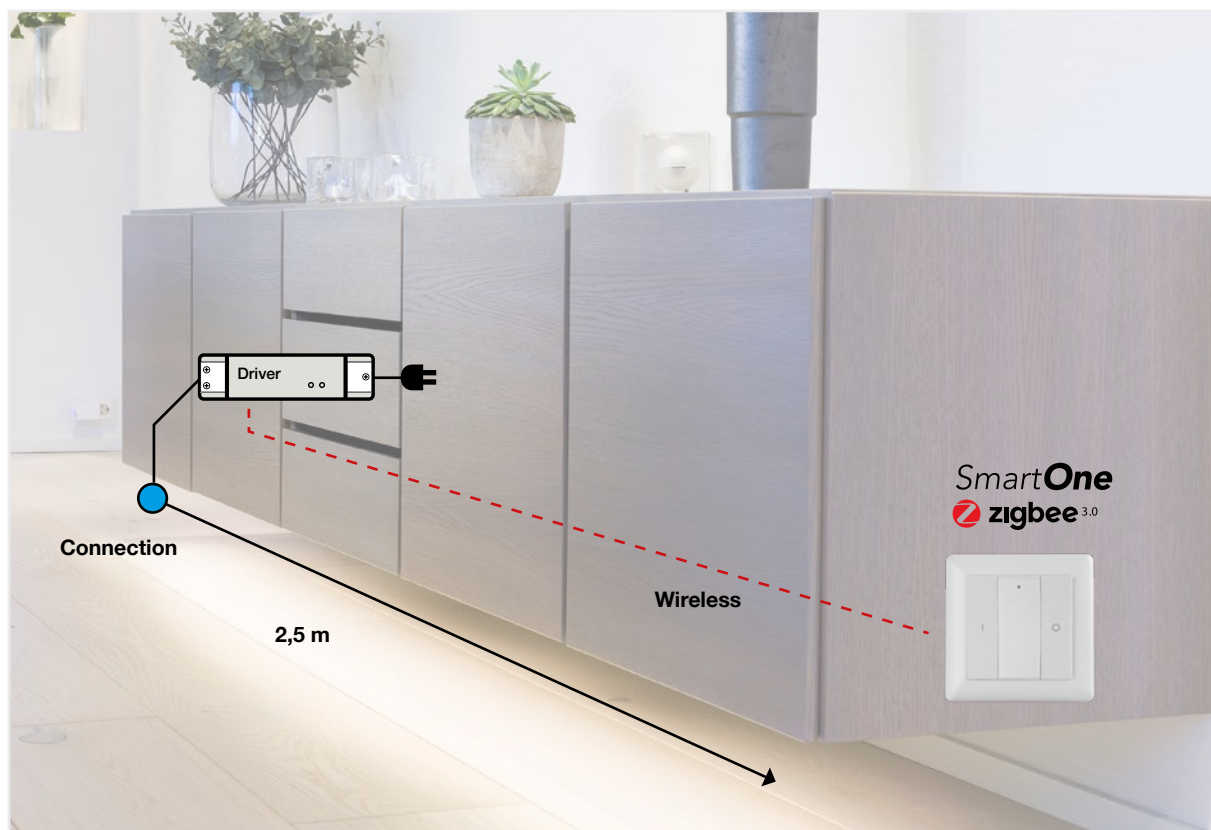
- 1 Profile**
 - A4 Recessed 2m
S40103 x 2 pcs. (2,6 m total)
 - S41101 x 2 pcs. Opal Cover
- 2 LED-Strip**
 - Standard 2.0 3000K 9,6W/m IP20 5m
S11061 x 2 pcs. (2,6 m total)
- 3 Power & Control**
 - SLC PSU CV 24V 50W PWM TED
S32080 x 1 pcs.
 - SmartOne Trailing Edge dimmer 200W
S24019 x 1 pcs.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K

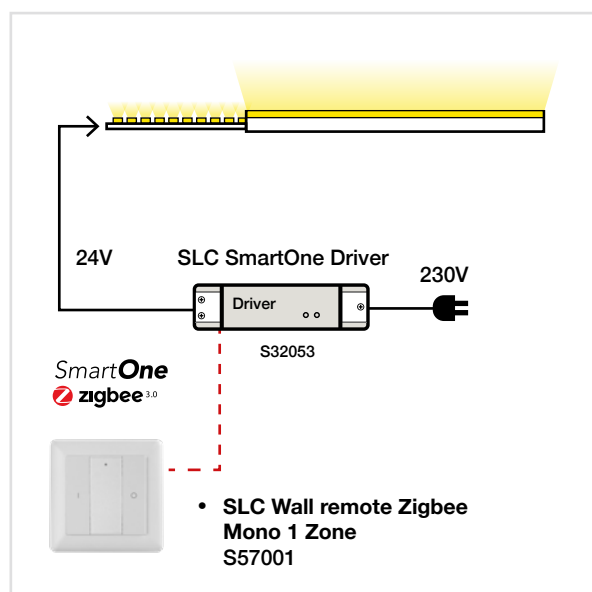


LivingRoom | How it's done



Calculation

LED STRIP Standard 2.0 CV 9,6W/m = 2,5 m
 9,6W/m X 2,5 m = **24,W 1CH** driver is needed



Products used

1 Profile

- A1 Standard 2m S40100 x 2 pcs. (2,5 m total)
- S41101 x 2 pcs. Opal Cover

2 LED-Strip

- Standard 2.0 3000K 9,6W/m IP20 5m S11061 x 2 pcs. (2,5 m total)

3 Power & Control

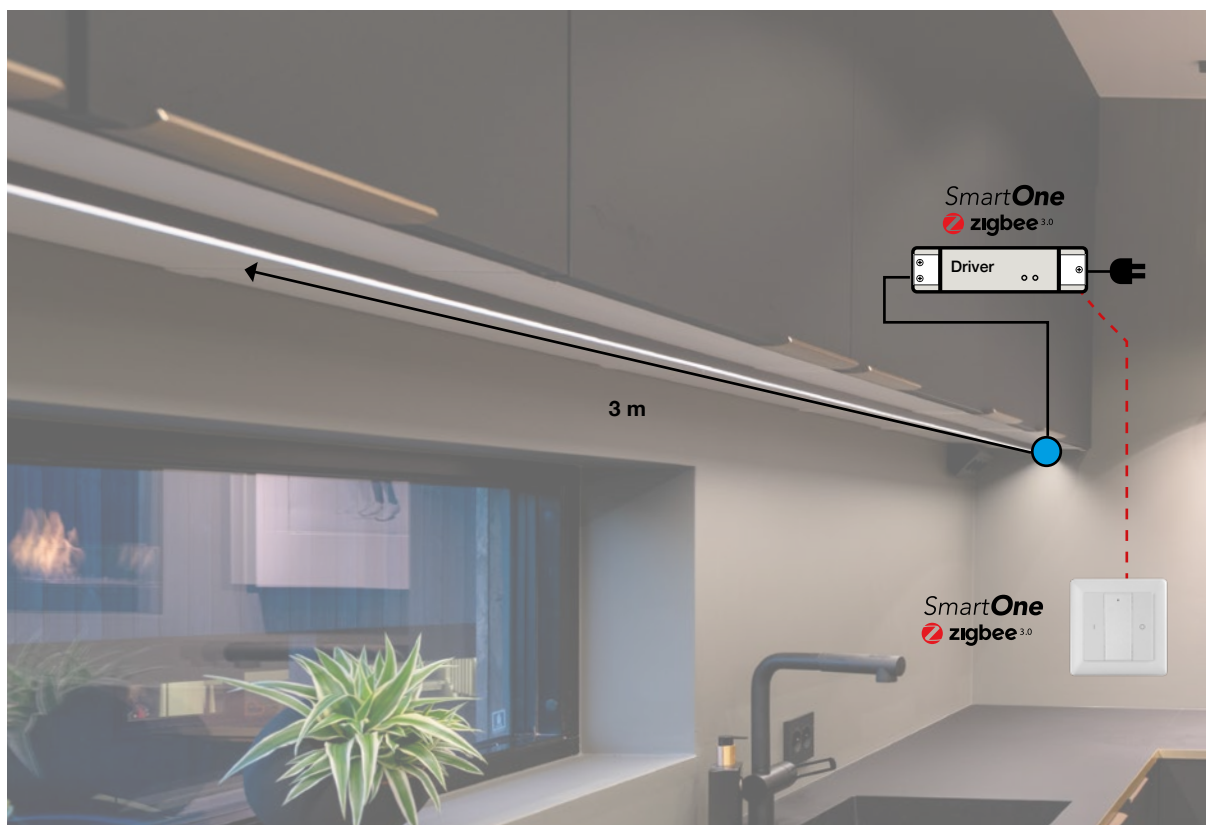
- SLC PSU CV 24V 50W PWM Zigbee S32053 x 1 stk.
- SLC Wall remote Mono 1 Zone Zigbee S57001 x 1 stk.

Optional LED-Strips:

S11060: 2700K / S11061: 3000K / S11062: 4000K

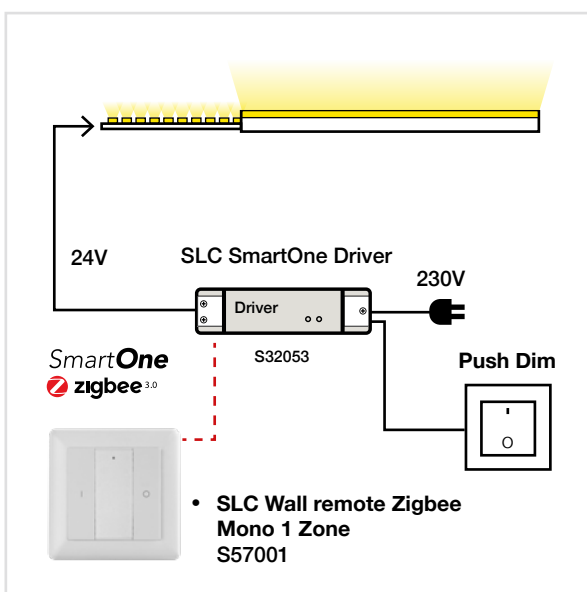


Kitchen | How it's done



Calculation

LED STRIP Standard 2.0 CV 9,6W/m = 3 m
 9,6W/m X 3 m = **28,8W 1CH** driver is needed



Products used

1 Profile

- A5 Standard Black 2m S40117B x 2 pcs. (3 m total)
- S41101 x 2 pcs. Opal Cover

2 LED-Strip

- Standard 2.0 3000K 9,6W/m IP20 5m S11061 x 1 pcs. (3 m total)

3 Power & Control

- SLC PSU CV 24V 50W PWM Zigbee S32001 x 1 stk.
- SLC Remote Zigbee Mono 1 Zone S57001 x 1 stk.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K

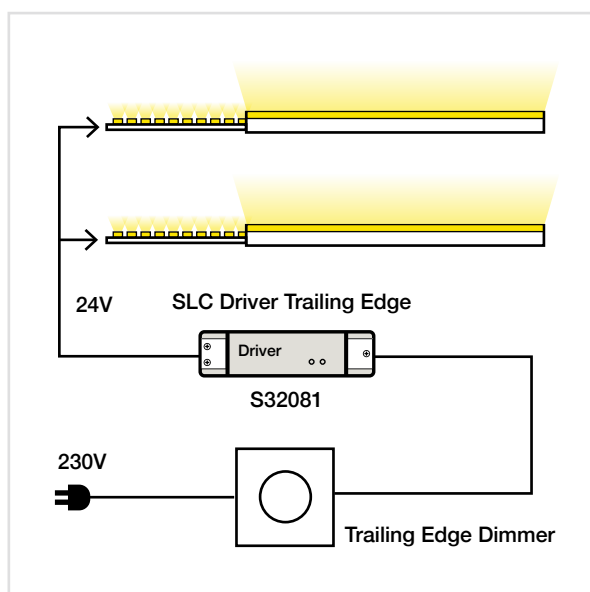


Kitchen | How it's done



Calculation

LED STRIP Standard 2.0 CV 9,6W/m = 5,4 m
 9,6W/m X 5,4 m = **51,84W 1CH** driver is needed



Products used

1 Profile

- B4 Recessed 2m
 S40123 x 3 pcs. (5,4 m total)
- S41124 x 3 pcs. White Cover

2 LED-Strip

- Standard 2.0 3000K 9,6W/m IP20 5m
 S11061 x 2 pcs. (5,4 m total)

3 Power & Control

- SLC PSU CV 24V 100W PWM TED
 S32081 x 1 pcs.
- SmartOne Trailing Edge dimmer 200W
 S24019 x 1 pcs.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K



How to get the **perfect** makeup light



B1 Profile (S40120) with **square cover (S41123)** gives an even and good light distribution.

Full Spectrum 9,6W – SLC Scandinavian Lighting Concept



SLC Full spectrum LED-strip: With Full spectrum color rendering, designed for accurate color rendering; CRI> 98. Perfect for skin tones.

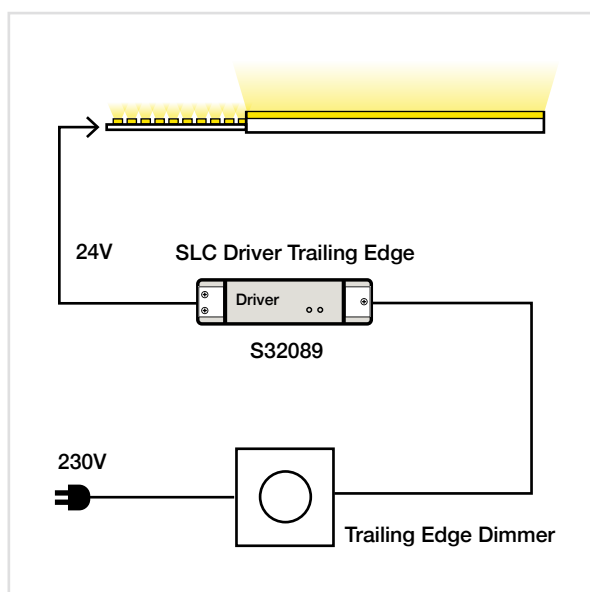
IP20: / 2700K: S11200 / 3000K: S11201 / 4000K: S11202
IP54: / 2700K: S11203 / 3000K: S11204 / 4000K: S11205

Bathroom | How it's done



Calculation

LED STRIP Full spectrum 9,6W/m = 2 m
 $9,6\text{W/m} \times 2\text{ m} = 19,2\text{W}$ 1CH driver is needed



Products used

1 Profile

- B1 Standard Low 2m
S40120 x 1 pcs. (2 m total)
- S41123 x 1 pcs. Opal Square Cover

2 LED-Strip

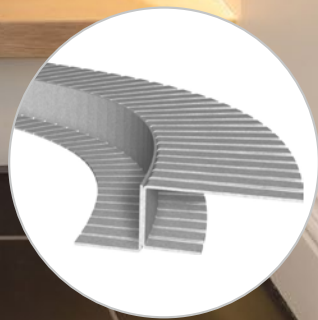
- Full Spectrum 3000K 9,6W/m IP54 5m
S11203 x 1 pcs. (2 m total)

3 Power & Control

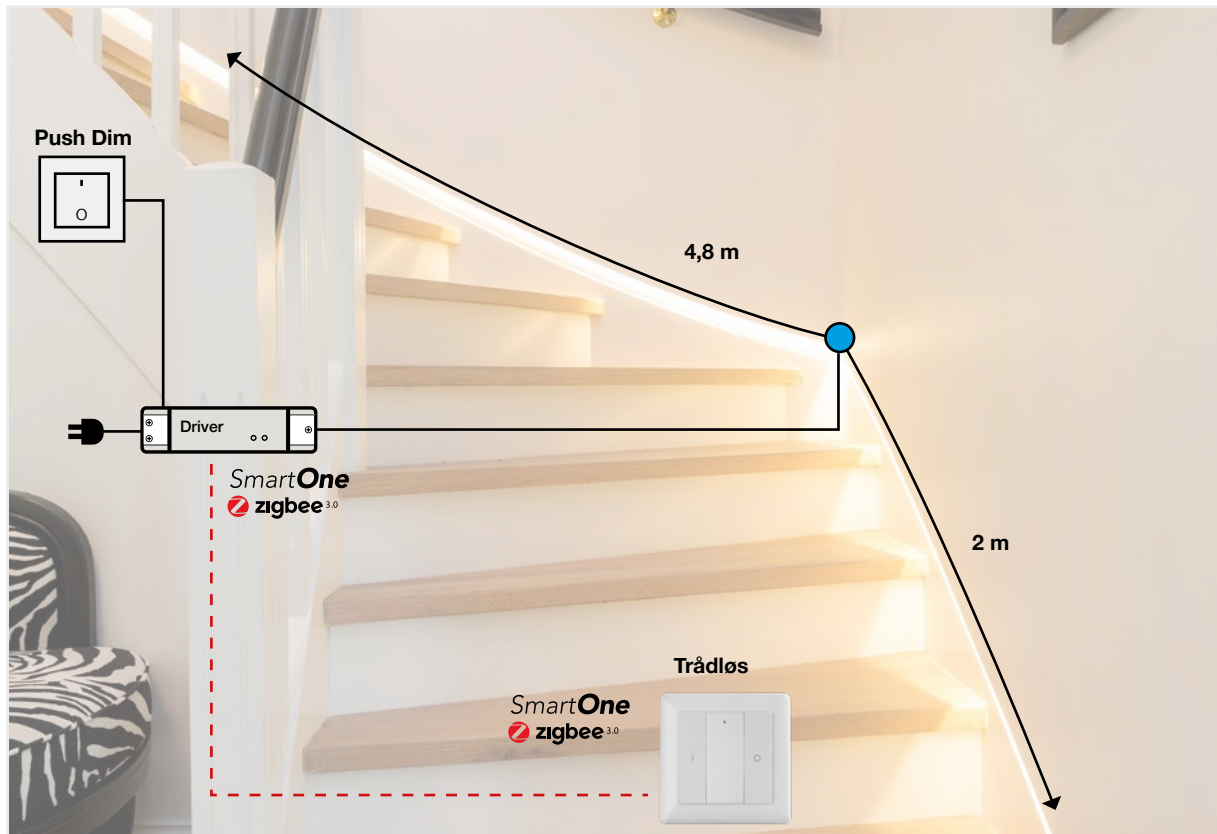
- SLC PSU CV 24V 25W PWM TED
S32089 x 1 pcs.
- SmartOne Trailing Edge dimmer 200W
S24019 x 1 pcs.

Optional LED-Strips:

S11203: 2700K / S11205: 4000K

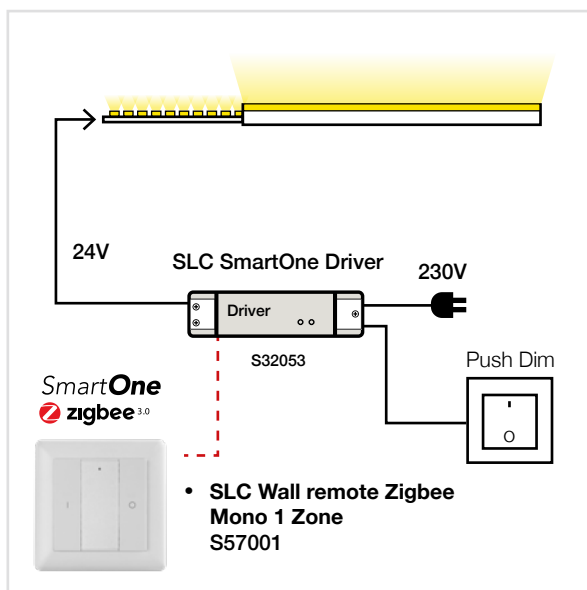


Stairway | How it's done



Calculation

LED STRIP S2 9,6W/m = **6,8 m**
 9,6W/m X 6,8 m = **65,8 W 1CH** driver is needed



Products used

1 Profile

- DSL FLEX Profile 2m PE1091 x 4 pcs. (6,8 m total)

2 LED-Strip

- Standard 2.0 9,6W/m IP20 5m S11061 x 2 pcs. (6,8 m total)

3 Power & Control

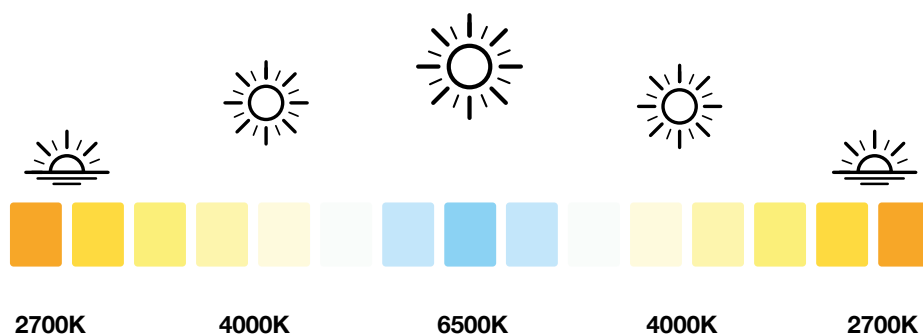
- SLC PSU CV 24V 100W PWM Zigbee S32053 x 1 stk.
- SLC Wall remote Zigbee Mono 1 Zone S57001 x 1 stk.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K



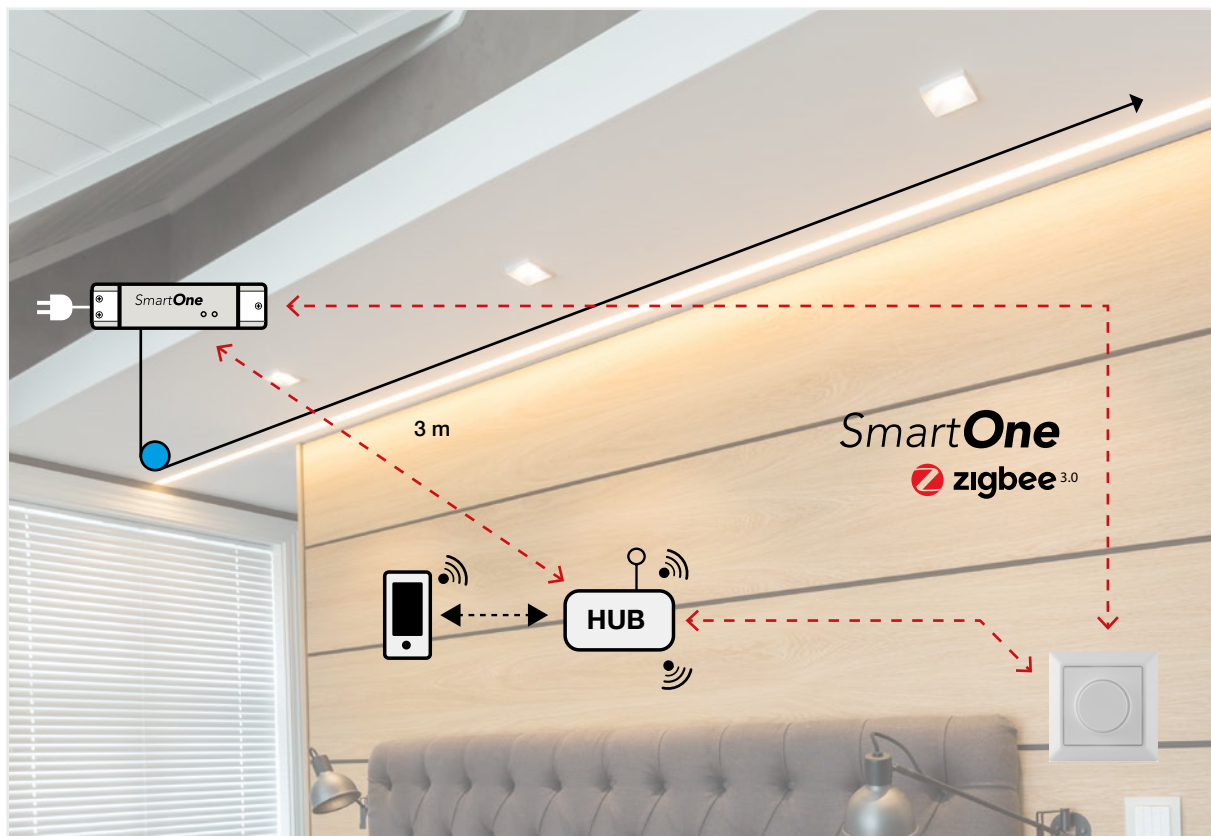
Tunable White - the **perfect** wake-up light



Tunable White 14,4W —

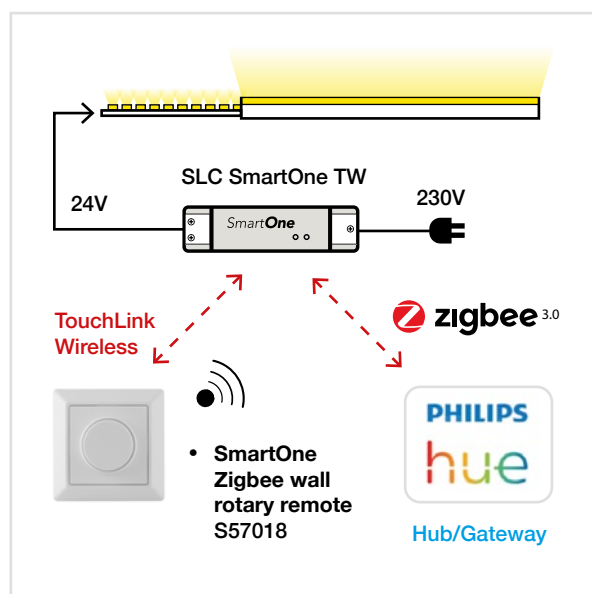


Bedroom | How it's done



Calculation

LED STRIP TW 14,4W/m = 3 m
14,4W/m X 3 m = 48 W 3CH driver is needed



Products used

1 Profile

- A4 Recessed 2m
S40103 x 2 pcs. (3 m total)
- S41101 x 2 pcs. Opal Cover

2 LED-Strip

- Tunable White CV 14,4W/m IP20 5m
S14036 x 1 pcs. (3 m total)

3 Power & Control

- SLC SmartOne PSU CV 24V 75W PWM
Zigbee S32055 x 1 pcs.
- SLC SmartOne Zigbee 4in1 rotary remote
S57018 x 1 pcs.
- Philips Hue Gateway

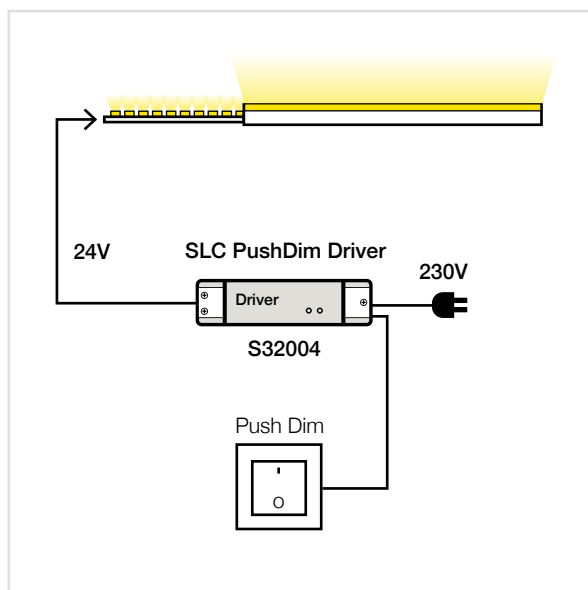


Garage | How it's done



Calculation

LED STRIP S2 9,6W/m = 5 m
 $9,6\text{W/m} \times 5\text{ m} = 48\text{ W}$ 1CH driver is needed



Products used

- 1 Profile**
 - A4 Recessed 2m
S40103 x 3 pcs. (5 m total)
 - S41101 x 2 pcs. Opal Cover
- 2 LED-Strip**
 - Standard 2.0 CV 9,6W/m IP20 5m
S11061 x 1 pcs. (5 m total)
- 3 Power & Control**
 - SLC PSU CV 24V 50W PWM PushDim
S32004 x 1 pcs.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K

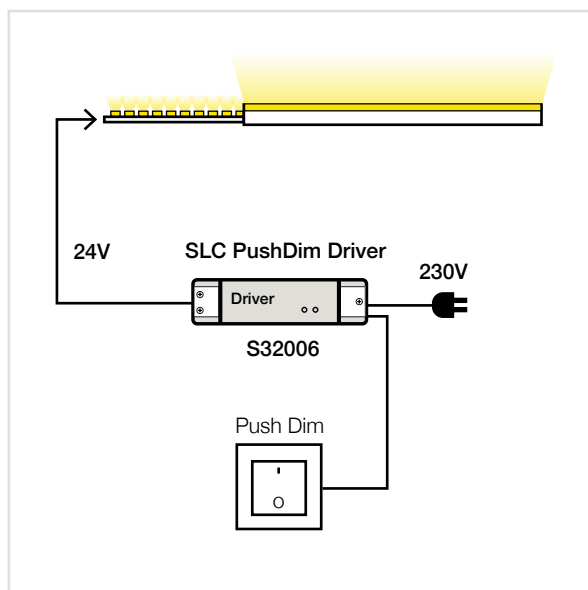


Outside | How it's done



Calculation

LED STRIP S2 9,6W/m = 6,4 m
 9,6W/m X 6,4 m = 61,4 W 1CH driver is needed



Products used

- 1 Profile**
 - A4 Recessed 2m
 S40103 x 4 pcs. (6,4 m total)
 - S41101 x 2 pcs. Opal Cover
- 2 LED-Strip**
 - LED STRIP S2 9,6W/m IP67 5m
 S11067 x 2 pcs. (6,4 m total)
- 3 Power & Control**
 - SLC PSU CV 24V 100W PWM PushDim
 S32006 x 1 pcs.

Optional LED-Strips:

S11066: 2700K / S11068: 4000K

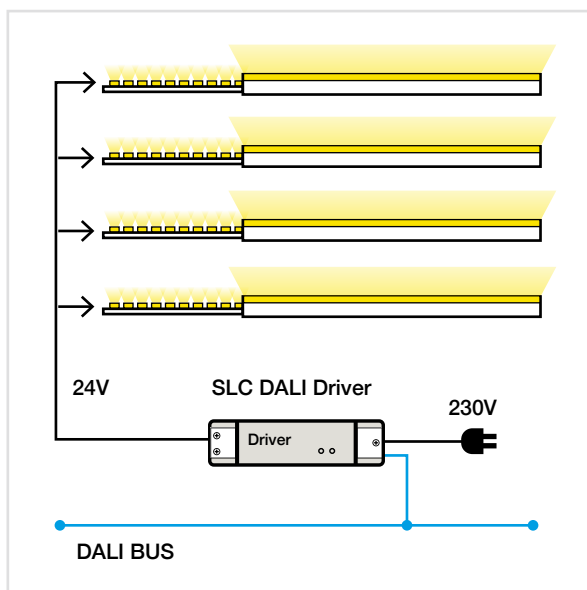


Commercial | How it's done



Calculation

LED STRIP S2 9,6W/m = 4 m
 9,6W/m X 4 m = **38,4 W** 1CH driver is needed



Products used

1 Profile

- A4 Recessed 2m
 S40103 x 2 pcs. (4 m total)
- S41101 x 2 pcs. Opal Cover

2 LED-Strip

- Standard 2.0 CV 9,6W/m IP20 5m
 S11061 x 1 pcs. (4 m total)

3 Power & Control

- SLC PSU CV 24V 50W PWM DALI DT6
 S32007 x 1 pcs.

Optional LED-Strips:

S11060: 2700K / S11062: 4000K



The Light Group

LED-Strips | How it's done

Learn LED-Strips in 1-2-3

You can find our complete range of LED strips and controls
in the main catalogue and on our website:

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A photograph of a modern staircase with wide, dark grey concrete steps. The walls are made of light grey concrete. Warm, yellowish light is cast from recessed fixtures, creating a soft glow on the walls and steps. On the left wall, there is a large, circular, metallic-looking decorative element with a diagonal line. The overall aesthetic is minimalist and architectural.

We would be happy to be your
partner for your next project.
Contact us!

Lightplanning: Michelmann Architekt GmbH and
Fahlke & Dettmer GmbH & Co. KG



The Light Group

See our homepage for more information.

www.tlg.no

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