Paulmann

Flexible light channel system Linion

Design modular light shapes for your individual interior lighting

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warm white

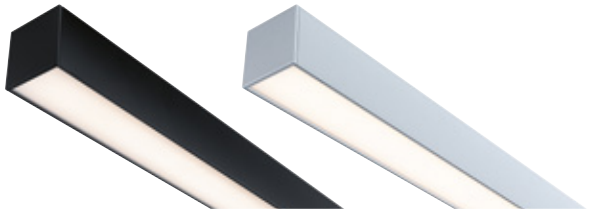
Modular light shapes for individual interior lighting

Experience our unique 24 V light channel system, which adapts perfectly to your requirements. The modular components can be flexibly combined and offer you versatile, customised lighting solutions. The system generates a warm white light colour at a colour temperature of 3000 K, creating an inviting and warm ambience. Invisible connectors ensure uniform and aesthetic lighting.

The high-quality aluminium housing accentuates the clear, modern design, which blends into any living situation thanks to its delicate dimensions.

The choice is yours! Simply switch the light using the wall switch (On/Off) or opt for the smart Zigbee dimming function – then you can conveniently control your system using the remote control, voice control or Zigbee Gateway.

Create your lighting mood from bright, particularly uniform basic lighting to atmospheric ambient lighting.



… in elegant black matt

… and in stylish chrome matt

Get the Look: 1x Power Channel 98181, 3x 1,5 m Channel 98169, 1x 0,5 m Channel 98167, 4x Corner 98171

Get the Look: 1x Power Box 98179, 2x 1,0 m Channel 98174, 2x Wire Suspension 98188, 1x Power Feed Cable 98191, 2x Channel Cover 98209

Simple lighting design

You can install Linion in so many different ways

A range of installation options for maximum flexibility:
Choose between ceiling or pendant mounting and design your lighting however you like.

Ceiling installation is quick and easy – simply screw on through the existing slotted holes and connect using the plug & play connectors.

For pendant mounting, you will need our optionally available hanging pendants, as well as a feeder cable and covers for the back.

The system is designed for up to 8 m with a Zigbee feed. The alternative On/Off feed offers design freedom of up to 5 m.

This gives you maximum flexibility and allows you to illuminate your room perfectly.

The components

It's so easy to put together your Linion system

Firstly, connect the 230 V/24 V power supply for the system directly to the 230 V power outlet.

You can then create customised installations with straight lines, curves and corners, for unique and individual lighting solutions.

Step 1: Select power supply = 06

Power Channel On/Off
For direct power outlets
B 98204
CM 98205

Power Channel ZigBee
B 98181
CM 98182

Power Box On/Off
For offset power outlets
B 98206
CM 98207

Power Box ZigBee
B 98178
CM 98179

Step 2: Choose lighting components = 08

Channel
B 0,5 m: 98167
B 1,0 m: 98168
B 1,5 m: 98169
CM 0,5 m: 98173
CM 1,0 m: 98174
CM 1,5 m: 98175

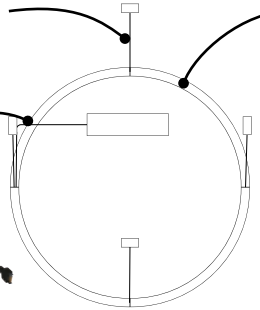
Curve 90°
B 98172
CM 98177

Corner 90°
B 98171
CM 98176

Optional: Select accessories for pendant suspension = 10

Wire Suspension 150 cm
B 98187
CM 98188

Curve Cover
B 98227
CM 98228



Power Feed Cable 175 cm
B 98189
CM 98191

Channel Cover
B 98208
CM 98209

Step 1: **The feeds**

The illuminated Power Channel for direct power outlets

The illuminated light channel with integrated transformer enables an "invisible" power connection – simply mount it on the power outlet and hide the cables in the channel.

You can connect the lighting components at both ends for maximum flexibility.

The On/Off power channel enables a system length of 5 m and, in the smart version, a length of 8 m.

With a brightness of 1000 lm/m, the light channel provides powerful and effective illumination.

The smart Power Channel allows you to dim the entire system using the integrated controller.

Linion Power Channel
230 V/24 V DC, 20 W + max. 80 W
⇳40 ⇿1000 ⇗40 mm
Black **98204**
Chrome matt **98205**

Linion Power Channel Smart
230 V/24 V DC, 20 W + max. 124 W
⇳40 ⇿1000 ⇗40 mm
Black **98181**
Chrome matt **98182**

The Power Box for offset power outlets

The Power Box is ideal for installations with offset power outlets and is used on the ceiling as a canopy.

The box comes with two 50 cm connection cables for quick connection. A 1.75 m feed cable for pendant mounting is also available as an option.

Excess cable lengths can be stowed out of sight inside the box.

The On/Off Power Box enables a system length of 6 m and, in the smart version, a length of 8 m.

The smart Power Box allows you to dim the entire system using the integrated controller.

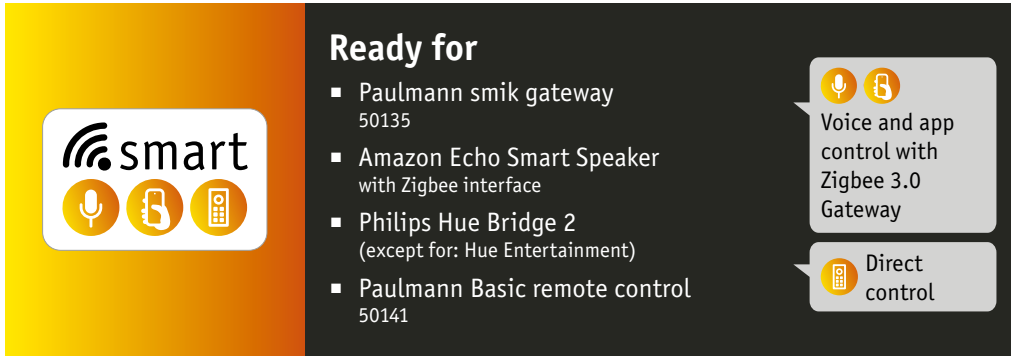
Linion Power Box
230 V/24 V DC, max. 120 W
⇳40 ⇿365 ⇗100 mm
Black **98206**
Chrome matt **98207**

Linion Power Box Smart
230 V/24 V DC, max. 144 W
⇳40 ⇿365 ⇗100 mm
Black **98178**
Chrome matt **98179**

Smart control

zigbee

The system can be controlled via app or voice command using a Zigbee-enabled Smart Home Gateway (e.g. item number 50135). Alternatively, operation without a Gateway is possible via a remote control (e.g. item number 50141).



Step 2: **The lighting components**

Linear light channels

Discover our linear light channel – available in three different lengths, enabling maximum adaptability to your interior design.

With a brightness of 1000 lm/m, it provides powerful, effective illumination, creating the ideal lighting atmosphere in any environment. If you have selected a Zigbee feed, the lighting components can also be dimmed.

Linion Channel

⇳40 ⇗40 mm

Length	Watts	Black	Chrome matt
0.5 m	8.5 W	**98167**	**98173**
1.0 m	17 W	**98168**	**98174**
1.5 m	25.5 W	**98169**	**98175**

Corner piece and curve light channels

Create elegant direction changes with corner pieces or curves.

Linion Corner 90°

3.5 W

⇳40 ⇔100 ⇗100 mm

Black	Chrome matt
98171	**98176**

Linion Curve 90°

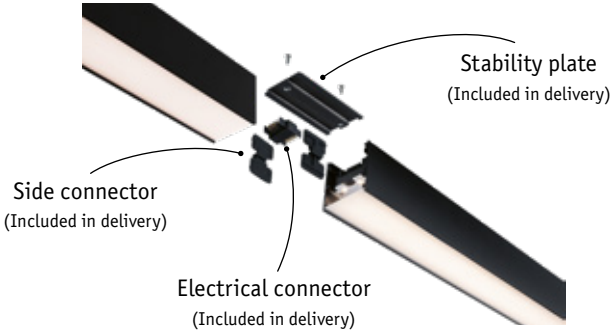
15 W

⇳40 ⇔535 ⇗535 mm

Black	Chrome matt
98172	**98177**

Connection between channels

Sophisticated technology guarantees a seamless connection between the light channels.



Get the Look: 1x Power Channel 98181, 5x Curve 98172, 1x 0,5 m Channel 98167

Get the Look: 1x Power Channel 98181, 2x 1,0 m Channel 98168, 1x 1,5 m Channel 98169, 2x Corner 98171

Accessories for pendant suspension

Suspension cable & feeder cable

Design your own customised pendant solution: With the height-adjustable suspension cable of up to 1.5 m, you have the option to flexibly position the system. The 1.75 m power cable and the Power Box ensure perfect placement in your space.

Linion Wire Suspension

⇳40 ⇿1500 ⇗80 mm

Black	Chrome matt
98187	**98188**

Linion Power Feed Cable

24 V

⇳23 ⇿1750 ⇗10 mm

Black	Chrome matt
98189	**98191**

Channel cover

The retractable rear cover protects the internal components from dust and damage while creating a clean, tidy look for your pendant installation. You can easily shorten the covers to any length.

Linion Channel Cover

⇳1 ⇿1000 ⇗36 mm

Black	White
98208	**98209**

Linion Curve Cover

⇳1 ⇿786 ⇗36 mm

Black	White
98227	**98228**

End caps

2x End Caps

⇳40 ⇿40 ⇗2 mm

Black	Chrome matt
98626	**98625**

Get the Look: 1x Power Box 98179, 4x Curve 98177, 4x Wire Suspension 98188, 1x Power Feed Cable 98191, 4x Curve Cover 98228

Get the Look: 1x Power Box 98178, 2x 1,0 m Channel 98168, 2x Wire Suspension 98187, 1x Power Feed Cable 98189, 2x Channel Cover 98208

How to plan your system even more easily

We have prepared a small checklist for you.

Note: Take note of the maximum wattage – further information can be found on page 6-7.

	Wattage	System colour Black	System colour Chrome matt
Do you want a power supply using an illuminated Power Channel?	max. 124 W max. 80 W	☑ Zigbee: 98181 ☑ On/Off: 98204	☑ Zigbee: 98182 ☑ On/Off: 98205
… or via a Power Box?	max. 144 W max. 120 W	☑ Zigbee: 98178 ☑ On/Off: 98206	☑ Zigbee: 98179 ☑ On/Off: 98207
How many metres of straight track do you need?	8.5 W 17 W 25.5 W	__ x 0.5 m: 98167 __ x 1.0 m: 98168 __ x 1.5 m: 98169	__ x 0.5 m: 98173 __ x 1.0 m: 98174 __ x 1.5 m: 98175
How many corners do you need for your system?	3.5 W	__ x 98171	__ x 98176
How many curves do you need?	15 W	__ x 98172	__ x 98177
Optional: If the system is to be suspended from the ceiling, you will need suspension cables and a feed cable. Note: To do this, please select the Power Box as the power supply.		__ x suspension cable: 1x 98187 ☑ x Feeder cable: 1x 98189	__ x suspension cable: 1x 98188 ☐ x Feeder cable: 1x 98191
Optional: With suspended systems, covers ensure a clean and tidy appearance.		Cover: __ x Channel: 98208 __ x Curve: 98227	Cover: __ x Channel: 98209 __ x Curve: 98228

Scan the QR code and discover the inspiring product video that shows you how you can make the best use of our system!

www.paulmann.com/linion/

www.paulmann.com

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