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Paulmann



## Flexible light channel system Linion

Design modular light shapes for your individual interior lighting



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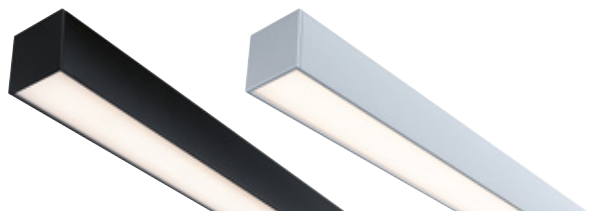
### Modular light shapes for individual interior lighting

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.

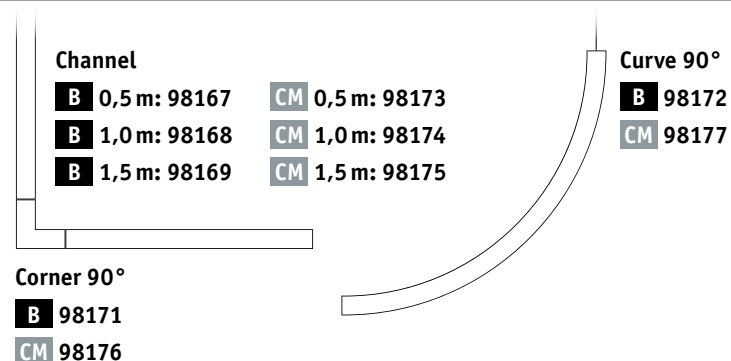
### Step 1: Select power supply

☞ = 06



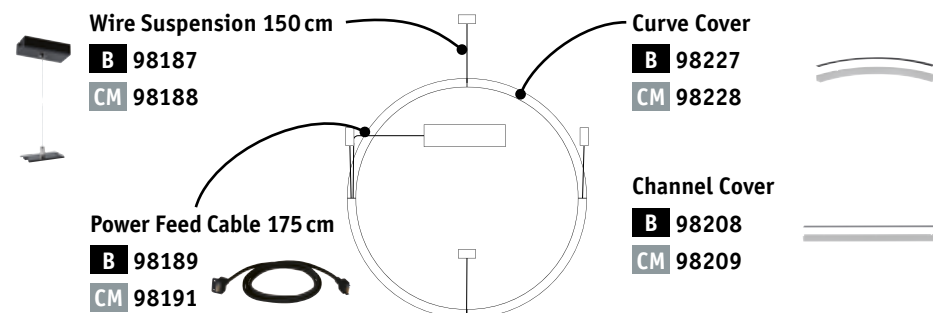
### Step 2: Choose lighting components

☞ = 08



### Optional: Select accessories for pendant suspension

☞ = 10



## Step 1: The feeds

### The illuminated Power Channel for direct power outlets

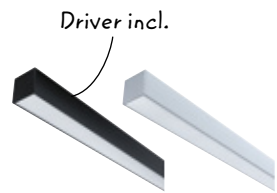
The illuminated light channel with integrated transformer enables an "invisible" power connection – simply mount it on the power outlet and hide the cables in the channel.

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

230V/24V DC, 20W + max. 80W

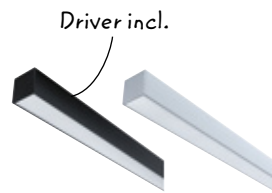
⇅40 ⇄1000 ↗40 mm

🔗 Black

🔗 Chrome matt

**98204**

**98205**



### Linion Power Channel Smart

230V/24V DC, 20 W + max. 124 W

⇅40 ⇄1000 ↗40 mm

🔗 Black

🔗 Chrome matt

**98181**

**98182**

### The Power Box for offset power outlets

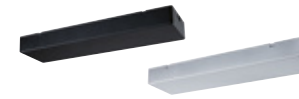
The Power Box is ideal for installations with offset power outlets and is used on the ceiling as a canopy.

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

230V/24V DC, max. 120W

⇅40 ⇄365 ↗100 mm

🔗 Black

🔗 Chrome matt

**98206**

**98207**



### Linion Power Box Smart

230V/24V DC, max. 144W

⇅40 ⇄365 ↗100 mm

🔗 Black

🔗 Chrome matt

**98178**

**98179**



## Smart control

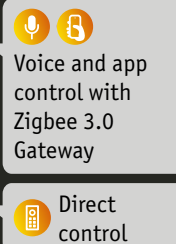


The system can be controlled via app or voice command using a Zigbee-enabled Smart Home Gateway (e.g. item number 50135). Alternatively, operation without a Gateway is possible via a remote control (e.g. item number 50141).



### Ready for

- Paulmann smik gateway 50135
- Amazon Echo Smart Speaker with Zigbee interface
- Philips Hue Bridge 2 (except for: Hue Entertainment)
- Paulmann Basic remote control 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	<b>98167</b>	<b>98173</b>
1.0 m	17 W	<b>98168</b>	<b>98174</b>
1.5 m	25.5 W	<b>98169</b>	<b>98175</b>

### 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

**98171**

🖤 Chrome matt

**98176**



#### Linion Curve 90°

15 W

↑40 ⇄535 ↗535 mm

🖤 Black

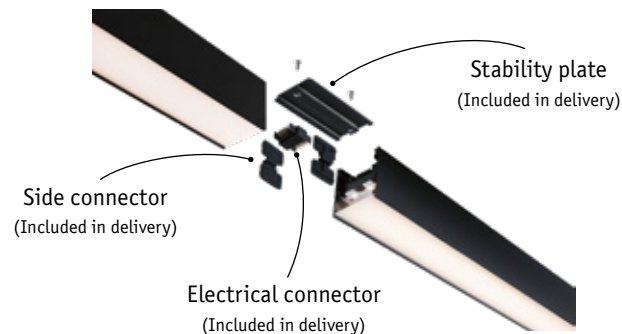
**98172**

🖤 Chrome matt

**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

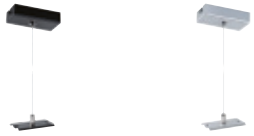


🛒 **Get the Look:** 1x Power Channel 98181, 2x 1,0 m Channel 98168, 1x 1,5 m Channel 98169, 2x Corner 98171

## 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

**98187**

🌀 Chrome matt

**98188**



#### Linion Power Feed Cable

24 V

↕23 ↔1750 ↻10 mm

🌀 Black

**98189**

🌀 Chrome matt

**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

**98208**

🌀 White

**98209**



#### Linion Curve Cover

↕1 ↔786 ↻36 mm

🌀 Black

**98227**

🌀 White

**98228**



🛒 **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	<input checked="" type="checkbox"/> Zigbee: 98181 <input checked="" type="checkbox"/> On/Off: 98204	<input checked="" type="checkbox"/> Zigbee: 98182 <input checked="" type="checkbox"/> On/Off: 98205
... or via a Power Box?	max. 144 W max. 120 W	<input checked="" type="checkbox"/> Zigbee: 98178 <input checked="" type="checkbox"/> On/Off: 98206	<input checked="" type="checkbox"/> Zigbee: 98179 <input checked="" type="checkbox"/> On/Off: 98207
How many metres of straight track do you need?	8.5 W	__ x 0.5 m: 98167	__ x 0.5 m: 98173
	17 W	__ x 1.0 m: 98168	__ x 1.0 m: 98174
	25.5 W	__ x 1.5 m: 98169	__ 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
<i>Optional:</i> If the system is to be suspended from the ceiling, you will need suspension cables and a feed cable.  <small>Note: To do this, please select the Power Box as the power supply.</small>		__ x suspension cable: 1x 98187  <input checked="" type="checkbox"/> x Feeder cable: 1x 98189	__ x suspension cable: 1x 98188  <input checked="" type="checkbox"/> x Feeder cable: 1x 98191
<i>Optional:</i> 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/](http://www.paulmann.com/linion/)