

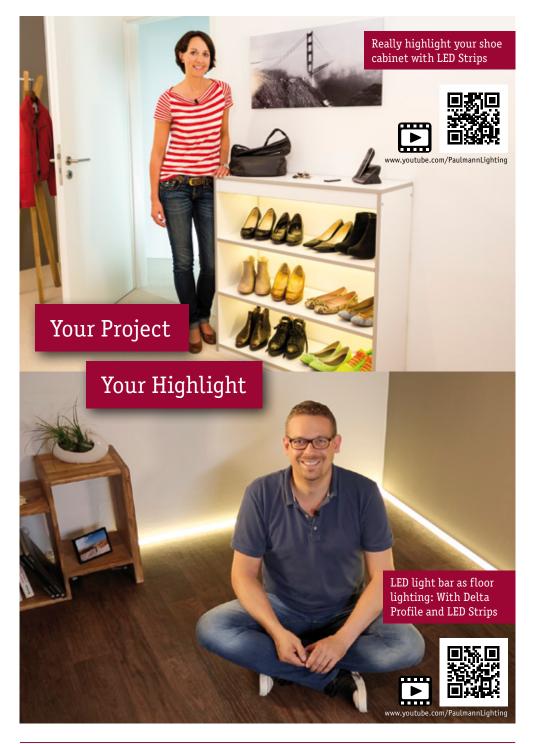
# LED Strips transform your home with indirect light

We love indirect lighting. LED Strips by Paulmann bathe any room in light that feels good.

**YourLED Strips** distribute decorative light and let your furniture appear as if it were floating. They bring brightness to walls, transform your bathroom into a little oasis and ensure safety in stairwells.

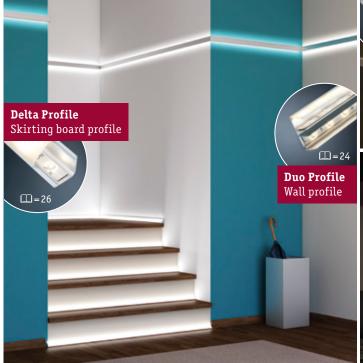
The very bright **MaxLED Strips** generate enough light to illuminate your whole room. They illuminate your kitchen workplace or enhance your living spaces, and when they are dimmed, they generate comfortable basic lighting.

With flexible, self-adhesive LED Strips and the right Paulmann profiles, you can fulfil your own individual lighting ideas. You can control them easily by remote control, sensors or apps, and can choose from numerous light colours, brightness levels and effects.



# **Profiles Overview**

Developed specifically for Paulmann Strips











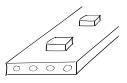




# **Overview of LED Strips**

		<del>-</del>				
		YourLED ECO 12 V 🕮=8	YourLED 12 V □=10 S	<b>MaxLED 500</b> 24 V	<b>MaxLED 1000</b> 24 V □ = 19	<b>MaxLED</b> 24 V
		<b>※ ・ * * * * * * * * * * * * * * * * * * </b>	10 0 10 0 0 10 0	* 大1大 大1大 大1大 大1大 大1大 大15大		FORDER TET TOTOTOR
	Lighting application	Orientation light	Decorative light	Working light	Room light	Bold colours
	Brightness in lumen/m	160 lm/m	265 lm/m	550 lm/m	1,100 lm/m	approx. 420 lm/m
	Number of LEDs/m	30 LEDs/m	39 LEDs/m	72 LEDs/m	144 LED/m	60 LEDs/m
1	With coating: on furniture & fittings		✓	✓	✓	✓
	Without coating: on furniture and profiles	✓		✓	✓	(only RGB)
	<b>Splash protection:</b> for kitchen & bathroom		(only IP 44)			
2	Light colour	<ul><li>3,000 K</li><li>4,000 K</li><li>RGB</li></ul>	<ul><li>3,000 K</li><li>6,000 K</li><li>RGB</li></ul>	<ul><li>2,700 K</li><li>6,500 K</li></ul>	<ul><li>2,700 K</li><li>6,500 K</li></ul>	RGB RGBW Tunable white

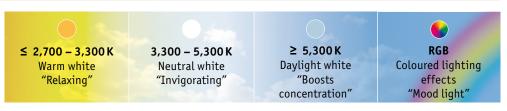
**Paulmann** 



# **1** When does coating make sense?

Coated Strips have a transparent coating and are thus more resistant during installation and in operation.

- Uncoated Strips are suitable for furniture and profiles where they are protected.
- Coated Strips can be installed anywhere on furniture, as they are protected against dust and dirt.
- With additional protection for contact points, coated Strips even have splash protection (IP44) and are thus suitable for kitchens and bathrooms.



# Which light colour is right for me?

The colour temperature gives you information about whether an LED emits warm or cool light. In simple terms, the colour temperature of a Strip specifies the colour of its light: from yellowish (warm) to bluish (cool). The colour temperature of lamps has a similar effect on our well-being as sunlight.



With **RGB** you have an infinitely variable selection of 16 million colours, while the **RGBW** variant also includes true warm white.



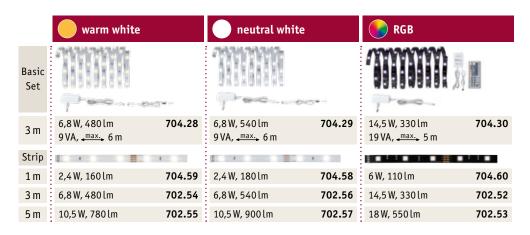
**Tunable white** offers an infinitely variable selection of white tones, from the warm white range (2,700 K) for relaxation to daylight white (6,500 K) for activities requiring concentration.



Paulmann

# YourLED ECO Strips (12 V)

Expandable basic sets (incl. transformer) and extension Strips



## Sample project 1: Illuminated TV wall

with YourLED ECO RGB 5.0 m

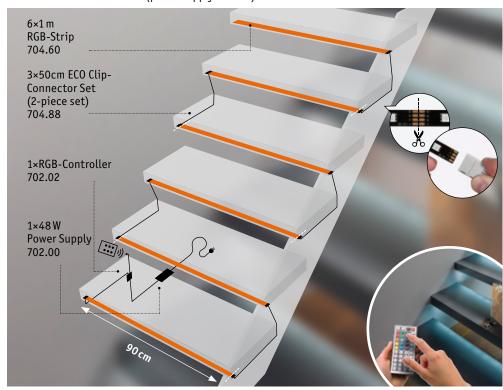


#### Accessory for routing, connecting and extending



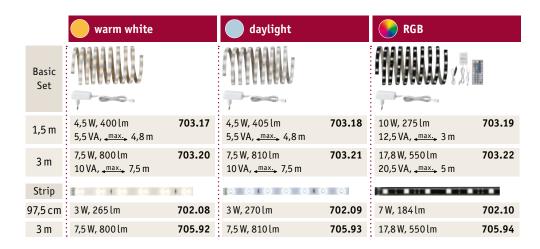
#### Sample project 2: Stairwell lighting

with YourLED ECO RGB 5.4 m (power supply  $\square$  = 13)



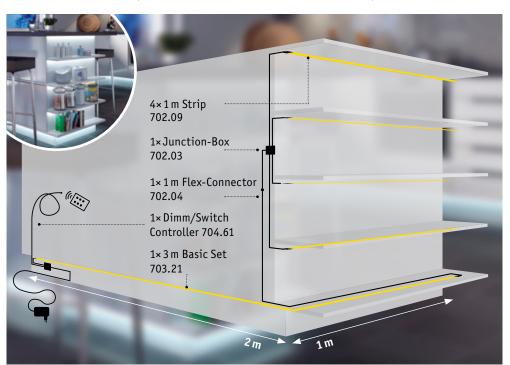
# YourLED Strips (12 V)

Expandable basic sets (incl. transformer) and extension Strips



#### Sample project 3: Shelf and console lighting

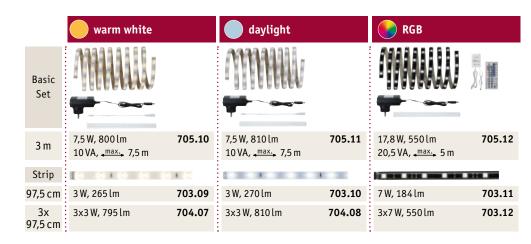
with YourLED Daylight 7 m (accessory  $\square = 12$ , dim/switch controller  $\square = 14$ )

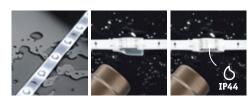




# YourLED Strips with splash protection (12 V)

Expandable basic sets (incl. transformer) and extension Strips





- Protective coating and splash water-protected connection for use in wet rooms.
- Shrink tubing for splash water-protected connections.

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# Accessories for all LED Strips (12 V)

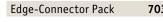
for routing, connecting and extending

#### For the routing of Strips inside or around 90° angles:









703.34

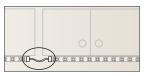






Edge-Connector 90° Pack 705.99

#### For **connecting uncut** YourLED or YourLED ECO Strips:





Flex-Connector 10cm	702.15
Flex-Connector 1m	702.04
Flex-Connector 5m	702.51

Perfectly suited for positioning the transformer out of sight

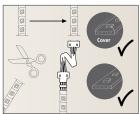


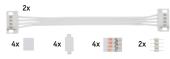


Flat-Connector 3m	704.86
Flat-Connector 5m	704.87

Can be painted and offer a super flat design for invisible installation (e.g. power supply hidden behind furniture with concealed cable routing)

#### For connecting all YourLED & YourLED ECO products:





Universal Connector 10cm **709.18** 

For reconnecting coated and uncoated cut 12 V Strips with other 12 V Strips or for YourLED accessories such as corners, Flex connectors etc. The universal connector is compatible with all profiles.





www.paulmann.com/yourled-connector

# Transformers and distributors (12 V)

for longer distances

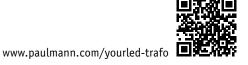


Maximum total length of your system:	15 W		48 W	60W	
	$\rightarrow$	<b>→</b>	<del>&lt;++</del>	$\rightarrow$	↔
YourLED	5 m	10 m	<b>20 m</b> (10 m + 10 m)	12 m	<b>24 m</b> (12 m + 12 m)
YourLED ECO	6 m	12,5 m	<b>25 m</b> (12,5 m + 12,5 m)	15 m	<b>30 m</b> (15 m + 15 m)
YourLED <b>RGB</b>	2 m	4 m	<b>8 m</b> (4 m + 4 m)	5 m	<b>10 m</b> (5 m + 5 m)
YourLED ECO RGB	2,5 m	6 m	<b>12 m</b> (6 m + 6 m)	8 m	<b>16 m</b> (8 m + 8 m)

→ Maximum length for strips plugged in directly one after the other.

The first value in parentheses below the total length specifies the maximum route length that can be connected directly to the transformer. For the full length, you also need a junction box or an X-connector to distribute the power.

If further branches go off, the total length is reduced. Add up the individual watt values of the strips to determine the size of the transformer.



For the routing of Strips in various directions:









Junction-Box

702.03

X-Connector

702.82

13

# Switches and control devices (12 V)

The right control device for all applications

Simple **On/Off switch** for YourLED Strips – the conventional way, by pressing a button:



0n/Off Switch 707.27 max. 60 W DC 12 V \$15 ⇔60 ₹26 mm

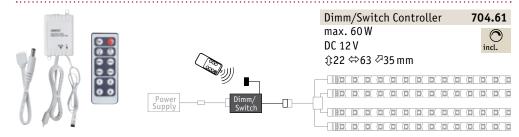
Switches monochrome YourLED and YourLED ECO Strips



- Mini switch and dimmer for easy control of YourLED Strips
- Switches and dims monochrome YourLED and YourLED ECO Strips



- Easy switching and dimming by touching
- Switches and dims monochrome YourLED and YourLED ECO Strips
- Very flat, discreet housing
- Incl. adhesive pads



Switches and dims monochrome YourLED and YourLED ECO Strips by remote control

Magnetic switch for the convenient control of YourLED Strips on doors, windows or furniture:



- If the contact is interrupted, the light is switched on automatically: open the door and switch on the light!
- Switches monochrome YourLED and YourLED ECO Strips
- Incl. adhesive pad and screws

**Contact-free On/Off switch** for YourLED Strips — simply plug it in between the power supply and the Strip:



- Proximity switch (<5 cm) for the contact-free control of YourLED Strips</li>
- For switching monochrome YourLED and YourLED ECO Strips
- Very flat, discreet housing
- Incl. adhesive pads



IR-Sensor 707.26 max. 60 W DC 12 V ↑20 ⇔57 ₹28 mm

15

- Motion sensor for the contact-free control of monochrome YourLED and YourLED ECO Strips
- 0.5 5.0 m sensing distance
- 120° detection angle
- Timer settings for 3-50 seconds

**Twilight switch** for the daylight-dependent control of YourLED Strips – for more comfort and security:

Fixed sensitivity (<20 lux = light on)</li>Switches monochrome YourLED and

YourLED ECO Strips automatically

- Very flat, discreet housing
- Incl. adhesive pads

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#### For **controlling RGB LED Strips** by remote control:

# 

You can operate an entire system with RGB or just one branch, as shown here.

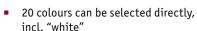












- Dimming function
- 6 preset programs
- Colour sequence
- Adjustable speed
- Adjustable brightness
- 6 programmable colour buttons





RGB-Controller 12V DC
702.02
max. 60 W
DC 12 V

\$22 ⇔60 ₹35 mm



www.paulmann.com/yourledcolours



RGB-Sound-Sensor

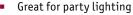
max. 60 W DC 12 V \$22 ⇔60 ₹35 mm



709.17



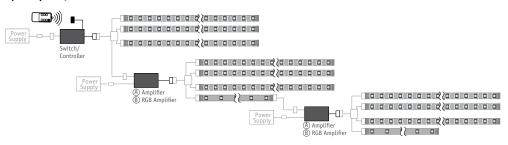




- RGB sound sensor registers sound and music to create a dynamic lighting effect for YourLED RGB Strips
- 4 different sound-colour modes to choose from
- Sound option can be disabled
- 8 fixed colours can be defined and dimmed
- 4 colour programs without sound mode

#### For synchronised control of extensive installations:

#### (RGB-) Amplifier



For amplifying control signals of the 12 V switches and control devices ( $\square = 14-16$ )

- A For the synchronous dimming and switching of monochrome YourLED or YourLED ECO Strip systems
- B A remote control allows the synchronous switching of larger YourLED or YourLED ECO RGB Strip systems.
- Increase system performance by connecting an additional power supply (□=13) through any amplifier.



Mono Color Amplifier	709.11	RGB Amplifier	709.12
max. 60 W		max. 60W	
DC 12 V		DC 12 V	
<b>\$8 ⇔50 ⊘15 mm</b>		<b>\$8 ⇔51 </b>	

For monochrome YourLED installations For YourLED RGB installations

The amplifier synchronises dimming and switching in installations with multiple combined sets. An additional amplifier is required for each additional set.

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# MaxLED 500 (24 V)

Expandable basic sets (incl. transformer) and extension Strips







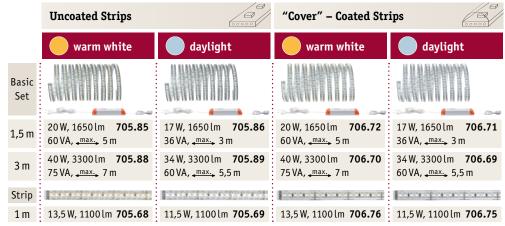
Comfortably control your lighting with your smartphone or remote control, using the additional products on Pages 22-23.



# MaxLED 1000 (24 V)

Expandable basic sets (incl. transformer) and extension Strips





## MaxLED 500 and 1000 - Control devices

Dim/switch controller





Dimm/Switch Controller IR

Switching and dimming within line of sight between the remote control and receiver.

706.83 Dimm/Switch-Controller 2.4GHz

706.19 Switching and dimming without line of sight between the remote control and receiver (30 m free field range).

## MaxLED RGB, RGBW and tunable white (24 V)

Expandable basic sets (incl. transformer) and extension Strips





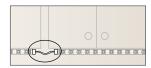
## Controller accessories

for MaxLED RGB and MaxLED RGBW



For switching and dimming as well as for controlling the lighting effects of the MaxLED RGB and/or RGBW Strips (no line of sight required, free field range up to 30 m).

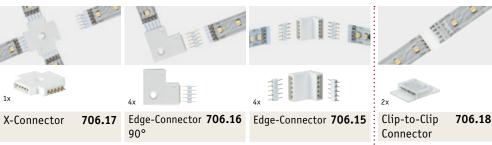
# Connectors for all MaxLED Strips (24 V)





Flex-Connector 10cm	705.76
Flex-Connector 1m	705.75
Flex-Connector 5m	705.74

Connection cable for extension, bridging or routing in small radii. Perfectly suited for positioning the transformer out of sight.



For corners or stairs (inner and outer corners).

Connectors for shortened uncoated Strips.



For reconnecting coated and uncoated cut 24 V Strips with other 24 V Strips or for MaxLED accessories such as corners, Flex connectors etc.

The universal connector is compatible with the Corner Profile and the Deep Profile.



www.paulmann.com/maxled-connector

Power Supply 230/24V DC 708.24

#### Controllers and transformers



Mono Color Amplifier 706.84 RGB Amplifier

max. 144 W

706.85 Power Supply 230/24V DC 708.23 max. 36 W

max. 144 W For single-colour

MaxLED installations

For MaxLED RGB installations

max. 60 W For all 24 V extension Strips

The amplifier synchronises dimming and switching in installations with multiple combined sets. An additional amplifier is required for each additional set.



# **Smart lighting control**

Easy and uncomplicated start into lighting control with Paulmann Home Bluetooth: switch and dim your lighting comfortably from your sofa, either using the app for your smartphone or tablet PC, or using a regular remote control. Depending on the product you choose, you can select various colours and lighting effects as well.



For controlling one or more controllers

Remote Control Boss 500.01



#### YourLED systems

max. 60 W DC 12 V





Switch/Dimm Controller 500.38



RGB Controller

500.39

500.02

#### MaxLED systems

max. 144 W DC 24 V

22





Switch/Dimm Controller



Tunable White Controller 500.03



RGBW Controller

500.04

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You want to do more than just control your lamps and luminaires via app? The ZigBee radio standard offers the opportunity to integrate a variety of other devices with network capability – for example roller shutters, your garage door, heaters and even your security system – to create any kind of scenario.

A Smart Friends Box is needed to control the ZigBee components via app. You can control the Paulmann ZigBee components directly, without the Box, using the remote control.

For contr

For controlling one or more controllers Colours and white tones can be selected directly

Gent Remote Control 500.67

#### YourLED systems

max. 60 W DC 12 V



Switch/Dimm Controller

500.48

500.47

23





RGB Controller 500.49

#### MaxLED systems

max. 144 W DC 24 V

**Paulmann** 



Switch/Dimm Controller 500.45



Tunable White Controller 500.46



RGBW Controller

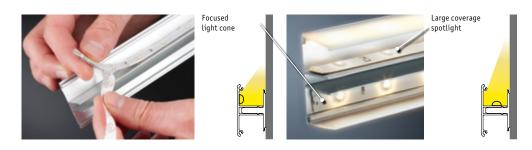


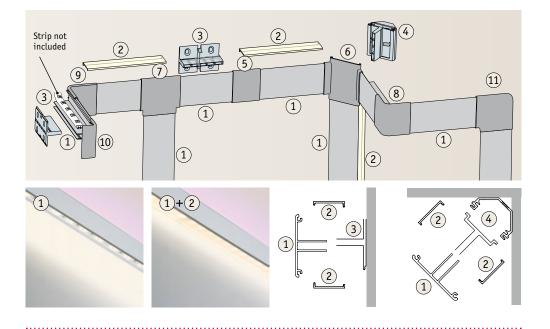
# **Duo Profil**

## Dramatic structuring of space on wall and ceiling

Create highlights in your living space for an entirely new feeling of well-being.

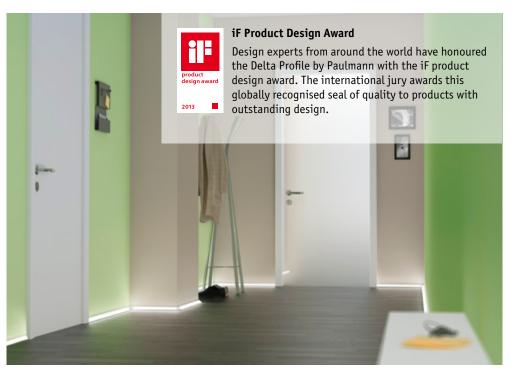
- A premium quality anodised coating protects the aluminium profile and lends it a satin sheen.
- An optional diffusor creates perfectly balanced lighting.
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.





1) Profile	for uniform lighting effects		3 Holder for wall mounting		4 Holder for corner mounting	
1x \$40 ₹20 mm	1x		4x		2x	
Duo Profil 1m <b>702.68</b>	Į)	¢4	<b></b> \$36 ⇔	50 ⊘21 mm	҈04	0 ⇔36 ⊘37 mm
Duo Profil 2m 702.67	Diffusor 2m	702.69	Fixture	702.75	Clix	702.21
5 Cover plate	4x		⇔35 Ø5 mm	Cover		702.70
6 Corner connector	2x	<b></b> \$55 <	⇒55 <i>⊘</i> 10 mm	X-Cover		703.30
7 T-connector	2x	҈049	⇔50 <i>⊘</i> 5 mm	T-Cover		702.71
8 Outer corner	2x	\$42 <	⇒35 <i>⊘</i> 35 mm	Outside Co	rner	702.73
9 Inside corner	2x	҈042 <	⇒39 <i>⊘</i> 39 mm	Inside Corr	ıer	702.72
10 End cap	2x	҈042 <	⇒22	End Cap		702.74
11) 90° corner	2x	<b>ŷ20</b> <	⇒60	90° Corner		704.53

25

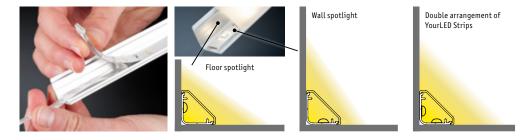


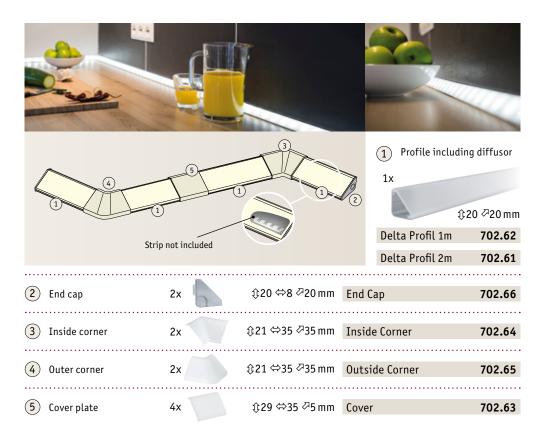
#### **Delta Profil**

Innovative designs for decorative interior lighting

Illuminated skirting boards as highlights

- Triangular profiles with Paulmann Strips for illuminated skirting boards, edges, base cabinets and many other applications
- High-quality aluminium profiles with anodised coating for impact and scratch protection
- Delta Profiles can be cut to length and are compatible with all LED Strips from the Paulmann range.





# **Square Profil**

Surface-mounted profile for LED Strips





708.10

Square Profil 2m

- Practical attachment clips allow flat or tilted installation on the wall or on the ceiling.
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.

Paulmann Paulmann 27



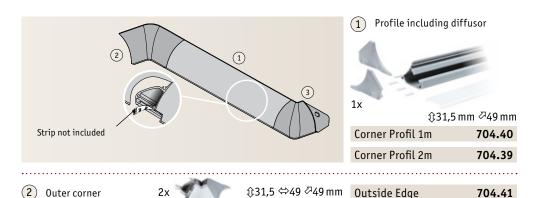
## **Corner Profil**

3 Inside corner

#### Elegant indirect ceiling lighting

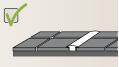
The profile lends a floating appearance to the ceilings in your rooms.

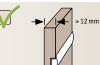
- The decorative ceiling profile allows you to illuminate your walls indirectly.
- The profile can be painted or wallpapered and can be shortened as needed.
- It can be mounted using normal construction adhesive.
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.











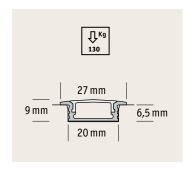


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## Floor Profil

## Recessed profile for the floor or the wall

- Recessed profiles for illumination with LED Strips create light accents on the floor, on furniture or on other solid materials.
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.





704.10 Floor Profil 2m

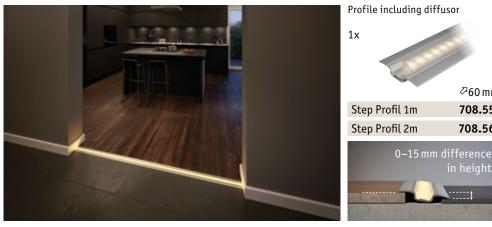
28 Paulmann

**131,5** ⇔59 ⊘59 mm Inside Edge

704.42

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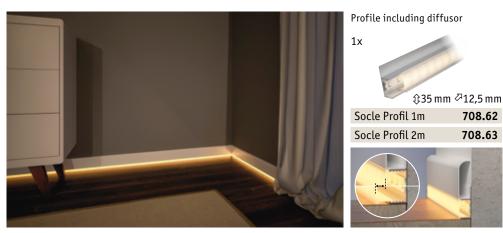
Floor Profil 1m



# **Step Profil**

#### Profile for transitions between floor coverings

- Illuminated room divider and differentiation of areas with different floor coverings.
- Can also be used on floating laminate.
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.



## **Socle Profil**

#### Profile under the skirting board

- Orientation light and floating light effects on the floor.
- Can be adapted to all standard skirting boards made of wood and plastic (15–22 mm depth).
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.





# **Deep Profil**

708.55

708.56

#### Recessed profile between plasterboard panels

- Designed for dry walls with standard plasterboard panels (12.5 mm) and stud frames
- Deep light point for uniform profile lighting
- Serviceable: the profile can later be removed from the holders as required
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.





# **Cup Profil**

#### Recessed profile between plasterboard panels

- Designed for dry walls with standard plasterboard panels (12.5 mm) and stud frames
- Serviceable: the profile can later be removed from the holders as required
- Profiles can be shortened and are compatible with all LED Strips from the Paulmann range.



All Strips contain integrated LED lamps of energy class A<sup>++</sup>, A<sup>+</sup>, A. The lamps in the luminaire are non-replaceable.

