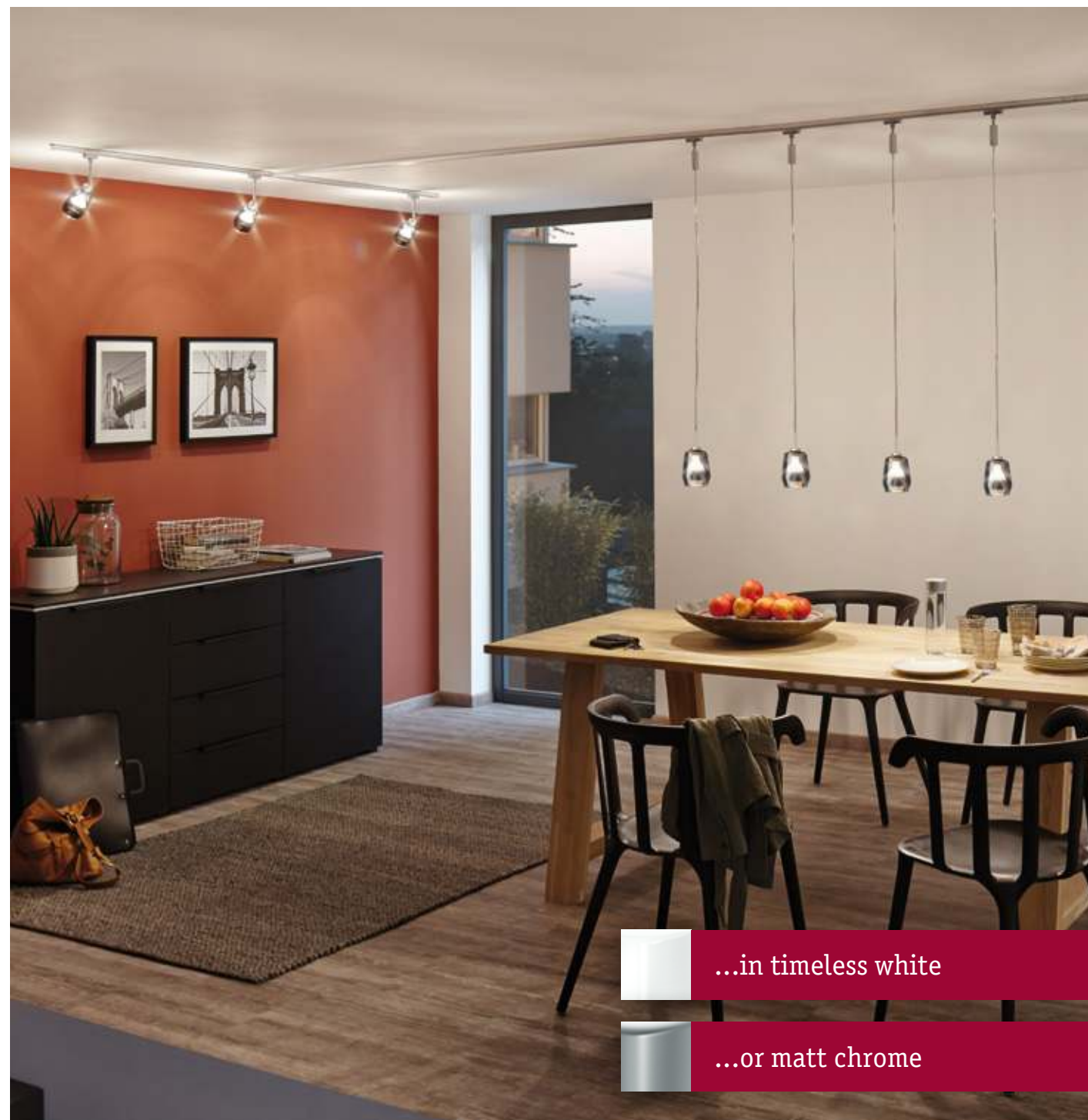




P

Paulmann





...in timeless white

...or matt chrome

Rail light for the entire home

URail – install spotlights and pendants throughout your home with a light rail

Lighting is more than just physics. Well planned and cleverly used, it can brighten your entire home. It not only improves the feeling of wellbeing in your own home, it also makes everyday life that little bit easier. Take the URail system by Paulmann for example. Whether it be pendant luminaires for your dining table, spots for pictures and shelves or floodlights for entire rooms: The flexible rail system offers a selection of over 100 different high-quality spotlights, floodlights and pendants in a range of designs, materials and colours. You are guaranteed to find the right luminaire for your living space.



Pendant lamps for your living space

...for you to combine!

Low-glare planar light with LED panels



URail spotlights

Dimmable, energy-saving LED included



Spot Dipper A**-A
incl. 2x8W
2x652lm, 2.700K
∠ 83°
230V
⌀170 ⇄375 ⇄26mm

CM 954.69



Spot Sabik A**-A
incl. 1x9 / 1x4W
800 + 390lm, 2.700K
230V
⌀225 ⌀117 ⇄62mm

CM 949.79

Spot Arena A**-A
incl. 1x15W
1.180lm, 2.700K
∠ 84°
230V
⌀191 ⇄123 ⇄78mm

CM 954.46

W 954.47

Spot Aldan A**-A
incl. 1x9W
820lm, 2.700K
∠ 65°
230V
⌀170 ⌀98mm

CM 955.19

Spot Cube A**-A
incl. 1x8W
770lm, 2.700K
∠ 65°
230V
⌀165 ⇄77 ⇄47mm

CM 955.10

W 955.11



Spot Capsule II A**-A
incl. 1x6W
420lm, 2.700K
∠ 30°
230V
⌀210 ⇄80 ⇄80mm

CM 954.55

W 954.56

Spot Double Pellet A**-A
incl. 2x6,7W
2x294lm, 2.700K
∠ 40°
230V
⌀180 ⇄190 ⇄40mm

CM 954.71

Spot Pellet A**-A
incl. 1x6,7W
294lm, 2.700K
∠ 40°
230V
⌀180 ⇄80 ⇄40mm

CM 954.73

W 954.74

Spot Discus A**-A
incl. 1x5W
440lm, 2.700K
∠ 45°
230V
⌀215 ⇄29 ⇄95mm

CM 968.91

Spot Knop A**-A
incl. 1x5W
440lm, 2.700K
∠ 45°
230V
⌀164 ⇄51 ⇄75mm

CM 968.92

Wall reading lights

The ideal reading light - individually adjustable thanks to a flexible arm



Wall Spot Discus A**-A

incl. 1x5,5W
440lm, 2.700K
∠ 45°
230V
⌀95 ⇄410mm

954.54

URail spotlights

Not dimmable, energy-saving LED included



Spot Wankel A**-A
incl. 1x5,4W
450lm, 2.700K
∠ 35°
230V
⌀173 ⌀55 ⇄78mm

CM 952.04

Spot Shine A**-A
incl. 1x5W
225lm, 2.700K
∠ 75°
230V
⌀180 ⇄59 ⇄90mm

CM 952.73

W 952.83

Spot Circle A**-A
incl. 1x5W
308lm, 2.700K
∠ 90°
230V
⌀147 ⇄98 ⇄50mm

CM 952.71

W 952.72

Spot Pedal A**-A
incl. 1x5W
395lm, 2.700K
∠ 100°
230V
⌀175 ⇄50 ⇄48mm

CM 952.69

W 952.70

Spot Hemi A**-A
incl. 1x5W
530lm, 3.000K
230V
⌀170 ⇄100 ⇄56mm

CM 955.08

W 955.09

Spot Tubo A**-A
incl. 1x5W
415lm, 3.000K
230V
⌀196 ⇄42 ⇄105mm

W 955.06

CM 955.07

LED Inline lighting strip (not dimmable)

Make your rail shine!

The URail LED Inline inserts illuminate rail sections between the spotlights. Choose from three different sizes.



Inline 20 A**-A
incl. 1x2W
108lm, 2700K
230V
⌀16 ⇄200 ⇄8,5mm
952.91

Inline 40 A**-A
incl. 1x3,3W
222lm, 2700K
230V
⌀16 ⇄400 ⇄8,5mm
952.92

Inline 90 A**-A
incl. 1x5,2W
501lm, 2700K
230V
⌀16 ⇄900 ⇄8,5mm
952.93

URail spotlights

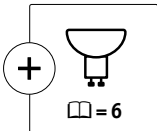
Replaceable lamp included



Spot Tube A**–E
incl. 1×6,5 W, GU10, 
425 lm, 2.700 K
230 V
⌀112 ⌀65 mm
CM 952.85
W 952.86



Spot Barelli A**–E
incl. 1×6,5 W, GU10, 
425 lm, 2.700 K
230 V
⌀165 ⌀51 ⇄100 ⇄51 mm
CM 951.54
W 951.55



URail spotlights

Choose the lamp yourself!



Spot Cone A**–E
max. 10 W, GU10
230 V
⌀180 ⌀85 ⇄90 mm
CM 976.13
W 953.62



Spot Pipe A**–E
max. 10 W, GU10
230 V
⌀150 ⌀65 ⇄100 mm
CM 976.12
W 953.63



Spot Pure I A**–E
max. 10 W, GU10
230 V
⌀110 ⇄58 ⇄66 mm
CM 953.29
W 953.30



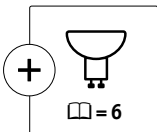
Spot Barelli A**–E
max. 10 W, GU10
230 V
⌀138 ⇄68 ⇄35 mm
CM 954.61



Spot Cover A**–E
max. 10 W, GU10
230 V
⌀140 ⇄58 ⇄90 mm
CM 953.35
W 953.36



Spot Pure II A**–E
max. 10 W, GU10
230 V
⌀110 ⇄58 ⇄66 mm
CM 953.31
W 953.33





Spot Blossom A**–E
max. 10 W, G9
230 V
⌀128 ⇄74 ⇄115 mm
CM 953.37
W 953.42



Spot Blossom A**–E
max. 10 W, G9
230 V
⌀128 ⇄74 ⇄115 mm
CM 953.38
W 953.43



Spot Blossom A**–E
max. 10 W, G9
230 V
⌀128 ⇄74 ⇄115 mm
CM 953.39
W 953.44



LED Maxiflood
3,5 W GU10 
250 lm, 2.700 K
⌀52 ⌀51 mm
285.36



LED
2 W G9 
200 lm, 2.700 K
⌀48 ⌀14 mm
285.33



LED
7 W GU10 
500 lm, 2.700 K
⌵ 36°-36°, 660 cd
⌀56 ⌀50 mm
285.76



LED
3 W G9 
300 lm, 2.700 K
⌀50 ⌀16 mm
284.46



LED
5,7 W GU10 
350 lm, 2.700 K
⌵ 36°, 650 cd
⌀53 ⌀51 mm
284.34



LED
6,5 W GU10 
445 lm, 2.700 K
⌵ 36°-36°, 700 cd
⌀55 ⌀51 mm
285.62

Starter sets including 3 spots

Unpack and get started!



Starter Set Barelli A**–E
max. 3×10 W, GU10
230 V
⇄1,2 m
CM 954.59



Starter Set Cover A**–E
max. 3×10 W, GU10
230 V
⇄1,2 m
CM 954.62



Starter Set Pure II A**–E
max. 3×10 W, GU10
230 V
⇄1,2 m
CM 954.63

LED floodlight

For wide-coverage, indirect lighting





Bluetooth®
BLE LED Fluter Chronos A**–A
incl. 1×12 W
1.500 lm, 2.700 - 6.500 K
230 V
⌀122 ⇄266 ⇄114 mm
CM 955.05



Spot Blade A**–A
incl. 1×14,4 W
1.240 lm, 2.700 K
230 V
⌀256 ⇄400 ⇄55 mm
CM 954.34

LED panel

Planar light – right where you need it!

The innovative URail LED panels provide low-glare planar light, which is all the rage right now. They can be installed both on the wall and on the ceiling and they provide the same sort of light as you would expect from a small window.



Panel Loop A++-A
incl. 1x7 W
812 lm, 2.700 K
230 V
⌀35 ⇄380 ⌀110 mm

CM 953.19
W 953.20



Panel Ring A++-A
incl. 1x7 W
812 lm, 2.700 K
230 V
ø220 ⌀30 mm

CM 953.15
W 953.16



Panel Double A++-A
incl. 1x8 W
695 lm, 2.700 K
230 V
⌀30 ⇄288 ⌀127 mm

CM 953.09



Ceiling luminaires

Choose the lamp yourself!

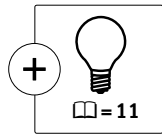


Ceiling Globe Small A++-E
max. 10 W, E14
230 V
⌀320 ø200 mm

CM 976.02

Ceiling Socket A++-E
max. 20 W, E27
230 V
⌀96 ø55 mm

CM 952.00



LED included



Safira A++-A
incl. 1x5,2 W
400 lm, 2.700 K
230 V
⌀136 ø80 ⇄80 mm

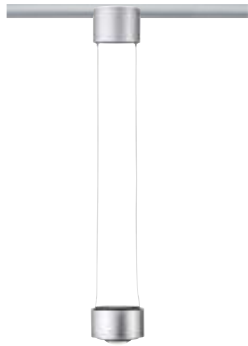
CM 955.01

Topa A++-A
incl. 1x5,2 W
400 lm, 2.700 K
230 V
⌀73 ø80 ⇄80 mm

CM 955.02

LED complete pendant

Includes LED – the perfect light over the couch table or a grand dinner table



Pendulum Aldan A++-A
incl. 1x8,5 / 1x4,5 W
880 + 480 lm, 2.700 K
230 V
⌀85 mm ⌀20-150 cm
ø98 mm

CM 955.20



LED Pendulum Barrel A++-A
incl. 1x6 W
370 lm, 2.700 K
⋈ 106°, 139 cd
230 V
⌀135 cm ø85 mm

CM 951.77

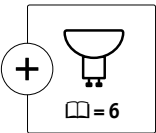
Pendulum Capsule II A++-A
incl. 1x6 W
420 lm, 2.700 K
230 V
⌀130 cm ø87 mm

CM 954.57

W 954.58

Pendant luminaires

Choose the lamp yourself!



Arido II A++-E
incl. 1x5 W, GU10, ⋈
560 lm, 2.700 K
230 V
⌀200 mm ⌀158 cm
ø110 mm

CM 949.98

⋈ Chrome matt/Clear/
Satin ⋈ Glass/Metal

Remo II A++-E
max. 25 W, GU10
230 V
⌀200 mm ⌀158 cm
ø125 mm

CM 949.99

⋈ Chrome matt/Satin
⋈ Glass/Metal

Pendulum Sarrasani A++-E
max. 10 W, GU10
230 V
⌀135 cm ø140 mm

CM 954.51

⋈ Chrome matt/
Dichroic ⋈ Metal/
Glass

Pendulum Sarrasani A++-E
max. 20 W, GZ10 / GU10
230 V
⌀135 cm ø140 mm

CM 954.50

W 954.90

⋈ Chrome matt/Opal
⋈ Metal/Glass

2Easy pendant

Create your own combination
Basic pendant, lamp and shade!

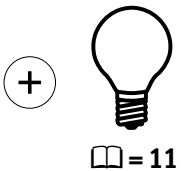


2Easy Basic Pendulum A++-E

max. 20 W, E27
230 V
150 cm

CM 954.36

W 954.37



Vento

280 ø170 mm
953.51

Clear Glass



Vento

280 ø170 mm
953.54

Opal Glass



Drio

280 ø152 mm
953.52

Smoke glass Glass



Vico

280 ø150 mm
953.53

Satin Glass



Tessa

max. 50 W
260 ø454 mm
953.66

White Fabric



Tessa

max. 50 W
260 ø454 mm
954.65

Light grey Fabric



Tessa

max. 50 W
260 ø454 mm
954.66

Cream Fabric



Tessa

max. 50 W
260 ø454 mm
954.67

Caramel Fabric



Tessa

max. 50 W
260 ø454 mm
954.68

Dark brown Fabric



Shade Pom

max. 20 W
240 ø350 mm
954.38

Matt white Metal



Shade Pirm

max. 20 W
230 ø280 mm
954.40

Grey matt Metal



Shade Pien

max. 20 W
230 ø250 mm
954.43

Pink matt Metal



Shade Pien

max. 20 W
230 ø250 mm
954.42

Beige matt Metal



2Easy Diffusor

max. 20 W
ø454 mm
954.92

Satin Plastic



2Easy Alari

max. 20 W
ø300 mm
954.44

Opal Glass



2Easy Alari

max. 20 W
ø300 mm
954.45

Satin/Clear Glass



LED Deco Pipe

6 W E27 A+
520 lm, 2.700 K
142 ø38 mm
284.36



LED AGL

7,5 W E27 A+
806 lm, 2.700 K
104 ø60 mm
285.75



LED Rustika (ST64)

7,5 W E27 A
385 lm, 2.200 K
142 ø64 mm
286.07

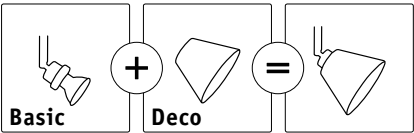


LED Rustika (ST64)

7,5 W E27 A+
806 lm, 2.700 K
140 ø64 mm
284.25

DecoSystems
LED spots/pendants

Create your own combination
Basic spot or pendant and shade!



Basic-Spot A++-E
incl. 1x3,5 W, GZ10 A+
250 lm, 2.700 K
230 V
125 ø51 50 mm
CM 951.82
W 951.86



Basic-Pendulum A++-E
incl. 1x3,5 W, GZ10 A+
250 lm, 2.700 K
230 V
135 cm
CM 951.83
W 951.85



Wolbi
max. 50 W
80 ø90 mm
600.11
Dichroic Glass



Vento
max. 50 W
95 ø80 mm
953.59
Smoke glass Glass



Twice
max. 50 W
70 ø100 mm
701.74
Clear/Opaque Glass



Vento
max. 50 W
95 ø80 mm
953.58
Satin Glass



Wolbi
max. 50 W
70 ø90 mm
600.55
Opal Glass



Quad
max. 50 W
80 ø75 mm
600.15
White Glass



Kegi
max. 50 W
80 ø110 mm
600.12
White Glass



Wolbi
max. 50 W
80 ø90 mm
600.07
White Glass



Turno
max. 50 W
90 ø80 mm
953.56
Satin Glass



Zyli
max. 50 W
80 ø70 mm
600.04
White Glass



Rado
max. 50 W
95 ø70 mm
953.55
Clear Glass



Tessa
max. 50 W
152 ø255 mm
603.24
Blue Fabric



Tessa
max. 50 W
152 ø255 mm
603.25
Yellow Fabric



Tessa
max. 50 W
152 ø255 mm
603.26
White Fabric



Tessa
max. 50 W
152 ø255 mm
603.27
Apricot Fabric



Tessa
max. 50 W
152 ø255 mm
603.52
Light grey Fabric



Tessa
max. 50 W
152 ø255 mm
603.51
Cream Fabric



Tessa
max. 50 W
152 ø255 mm
603.50
Caramel Fabric



Tessa
max. 50 W
152 ø255 mm
603.49
Dark brown Fabric



DecoSystems Diffusor
max. 20 W
1,5 ø255 mm
954.93
Satin Plastic



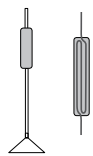
Pendant accessories



Pendant adapter, can be shortened
135 ø26 mm
CM 974.74

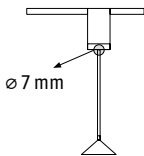


Universal Pendant Adapter
230 V
106 ø62 mm
CM 954.94
W 954.95



max. 1 m ø6 mm

The URail pendant can be shortened without the use of tools



max. 3 kg

Simply connect pendants without a URail connector to the rail.

Starter sets

Matches all pendants and spots



URail Basicsystem A++-E
max. 1.000 W
230 V
3,1 m
CM 950.16



URail Planning Aid

The easy way to your personal rail system

Feeling inspired? Then use this planning aid. You can add your chosen URail products to the easy-to-use shopping list on page 14. On page 15 you will find a grid where you can plan your individual rail sections.

Step 1: Choose rails

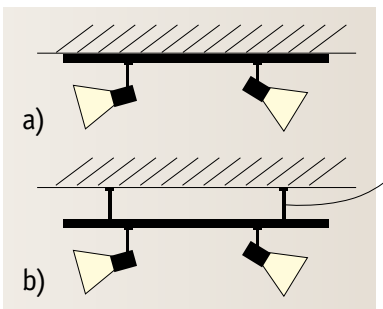
1  **Track**
max. 1000 W, 230 V
Ø18 Ø18 mm

	Ø0,1 m	Ø0,5 m	Ø1 m	Ø2 m
CM	950.86	968.54	968.33	968.34
W	954.98	976.82	976.83	976.84

2  **Universal Endcap**
Ø18 Ø13 Ø21 mm
CM 954.96
W 954.97

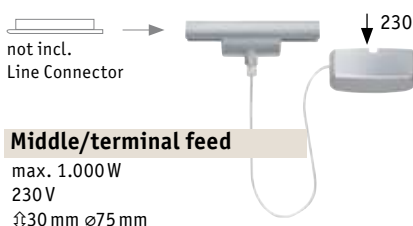
3  **Safety Cover strip**
Ø10 mm Ø0,68 m
951.26

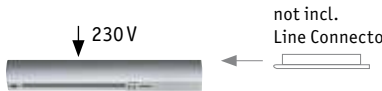
4  **Suspension**
Ø105 Ø23 mm
CM 975.99

Diagram: a)  b)

Step 2: Choose a centre, end or cable power infeed

5  **Middle/terminal feed**
max. 1.000 W
230 V
Ø27 Ø205 Ø45 mm
CM 968.85
W 968.86

6  **Middle/terminal feed**
max. 1.000 W
230 V
Ø30 mm Ø75 mm
Ø165 mm Ø0,5 m
CM 968.31

7  **Terminal feed**
max. 1.000 W
230 V
Ø18 Ø161 Ø18 mm
CM 976.55

8  **Middle-Feed**
max. 1.000/1.000 W
230 V
Ø18 Ø304 Ø18 mm
CM 977.65
W 977.66

URail centre power infeed
3-/4-/5-wire, individually switchable.
In an unobtrusive rail format.

9  **Motion Sensor**
max. 500 W
230 V
Ø34 Ø235 Ø56 mm
CM 953.17

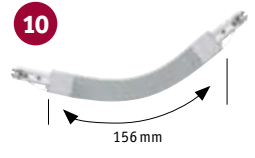
- Input with motion sensor for URail rail for installing at the ceiling or wall outlet
- Dusk sensor with infinitely adjustable brightness and on-time of 1-30 minutes
- Detects even the smallest of movements and keeps the light on permanently

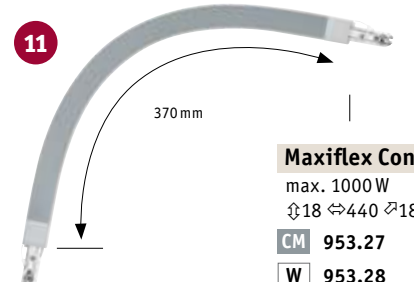
Diagram 1: Dusk sensor – the light switches on when it gets dark outside.

Diagram 2: Energy-saving – if no one is in the room, the light stays off.

Diagram 3: The light remains on, even when there is very little movement.

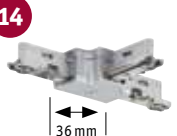
... Choose a connector

10  **Flex Connector II**
max. 1000 W
Ø18 Ø127 Ø18 mm
CM 953.25
W 953.26

11  **Maxiflex Connector**
max. 1000 W
Ø18 Ø440 Ø18 mm
CM 953.27
W 953.28

12  **Line Connector**
Ø15 Ø70 Ø11 mm
951.36

13  **L-Connector**
Ø18 Ø62 Ø62 mm
CM 976.48
W 976.49

14  **T-Connector**
Ø18 Ø104 Ø62 mm
CM 976.56
W 976.86

15  **X-Connector**
Ø18 Ø104 Ø104 mm
CM 976.57
W 976.87

16  **Power isolating link**
Ø18 Ø70 Ø18 mm
951.40

LED connector luminaires

Dimmable

LED End Cap  **LED Line Connector**  **LED L-Connector**  **LED T-Connector**  **LED Y-Connector** 

LED End Cap	LED Line Connector	LED L-Connector	LED T-Connector	LED Y-Connector
incl. 1x5,8 W 501 lm, 2.700 K Ø 80° 230 V Ø27 Ø141 Ø57 mm	incl. 1x5,8 W 501 lm, 2.700 K Ø 80° 230 V Ø27 Ø189 Ø57 mm	incl. 1x5,8 W 501 lm, 2.700 K Ø 80° 230 V Ø27 Ø141 Ø141 mm	incl. 1x5,8 W 501 lm, 2.700 K Ø 80° 230 V Ø27 Ø224 Ø141 mm	incl. 1x5,8 W 501 lm, 2.700 K Ø 80° 230 V Ø27 Ø223 Ø195 mm
CM 954.79 W 954.80	CM 954.77 W 954.78	CM 954.85 W 954.86	CM 954.83	CM 954.81

Smart control



17 zigbee



URail Dimm/Switch Adapter Zigbee

max. 400 W
230 V
Ø35 Ø155 Ø56 mm

CM 500.50
W 500.51

For the switching and dimming of downstream rail sections in Smart Home systems



ZB Spot Adapter

max. 50 W
230 V
Ø50 Ø166 Ø20 mm

CM 968.93

For the switching and dimming of individual spots or groups of spots



Gent Remote Control

230 V
Ø18 Ø55 Ø138 mm
500.67

Directly controls all luminaires downstream of the Zigbee dimmer switch, without Gateway or app



Ready for

- Amazon Alexa Echo Plus
- Philips Hue Bridge 2 (except: Hue Entertainment)
- Smart Friends
- Osram Lightify
- AIO Mediola Gateway V5 Plus
- Ubisys Gateway G1



Infos:

www.paulmann.com/zb



IR Rail-Switch

max. 500 W
230 V
Ø18 Ø240 Ø18 mm

CM 976.53
W 976.54



- Minimum load 3 W - suitable for LEDs and halogen
- Switches and dims the downstream sections



IR Remote Control

Ø7 Ø40 Ø85 mm
950.73

- Remote control for the convenient switching or dimming of URail systems
- The connector-integrated receiver controls all downstream system sections
- The four function buttons on the remote control can be used to control two separate circuits or two dimming processes



Wireless Adapter

max. 50 W
230 V
Ø50 Ø166 Ø19 mm

CM 952.94

- Allows the control of single heads and group switching functions to create various lighting scenarios (just like in a two-phase rail system)



Remote for Wireless Adapter

952.96

- All groups can be switched by remote control
- Max. 50 W per adapter, also suitable for halogen lamps



Step 3: Choose spotlights, floodlights and pendants

Now all you need is the spotlights, floodlights or pendants of your choice, which can be found on the previous pages.



Your personal shopping list

- 1

Track 0,1m	
CM	950.86 ____ x
W	954.98 ____ x

Track 0,5m	
CM	968.54 ____ x
W	976.82 ____ x

Track 1,0m	
CM	968.33 ____ x
W	976.83 ____ x

Track 2,0m	
CM	968.34 ____ x
W	976.84 ____ x
 - 2

Universal Endcap

CM	954.96 ____ x
W	954.97 ____ x


 - 3

Safety Cover strip

951.26 ____ x


 - 4

Suspension

CM	975.99 ____ x
W	976.88 ____ x



- 5 Middle/terminal feed**

CM	968.85	_____ x
W	968.86	_____ x


 - 6 Middle/terminal feed**

CM	968.31	_____ x
W	976.79	_____ x


 - 7 Terminal feed**

CM	976.55	_____ x
W	976.85	_____ x


 - 8 Middle-Feed**

CM	977.65	_____ x
W	977.66	_____ x


 - 9 Motion Sensor**

CM	953.17	_____ x
W	953.18	_____ x



- 10 Flex Connector II**

CM	953.25	_____	x
W	953.26	_____	x



11 Maxiflex Connector

CM	953.27	_____	x
W	953.28	_____	x



12 Line Connector

CM	951.36	_____	x
W			



13 L-Connector

CM	976.48	_____	x
W	976.49	_____	x



14 T-Connector

CM	976.56	_____	x
W	976.86	_____	x



15 X-Connector

CM	976.57	_____	x
W	976.87	_____	x



16 Power isolating link

CM	951.40	_____	x
W			



- 17** Adapter Zigbee

CM	500.50	_____ x
W	500.51	_____ x



18 ZB Spot Adapter

CM	968.93	_____ x
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19 Gent Remote Control

500.67 _____ x



20 IR Rail-Switch

CM	976.53	_____ x
W	976.54	_____ x




21 IR Rail switch remote control

950.73 _____ x



22 Wireless Adapter

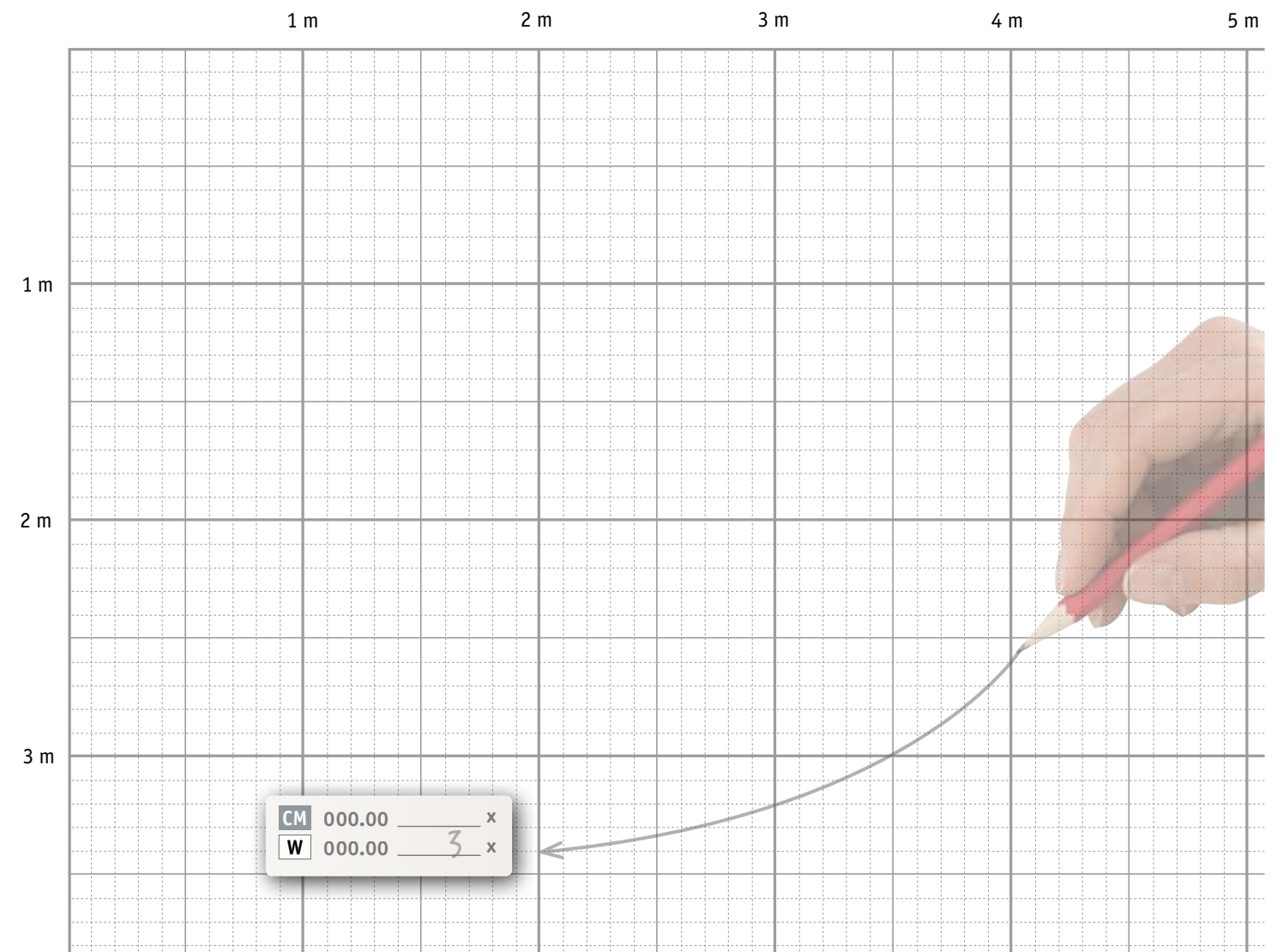
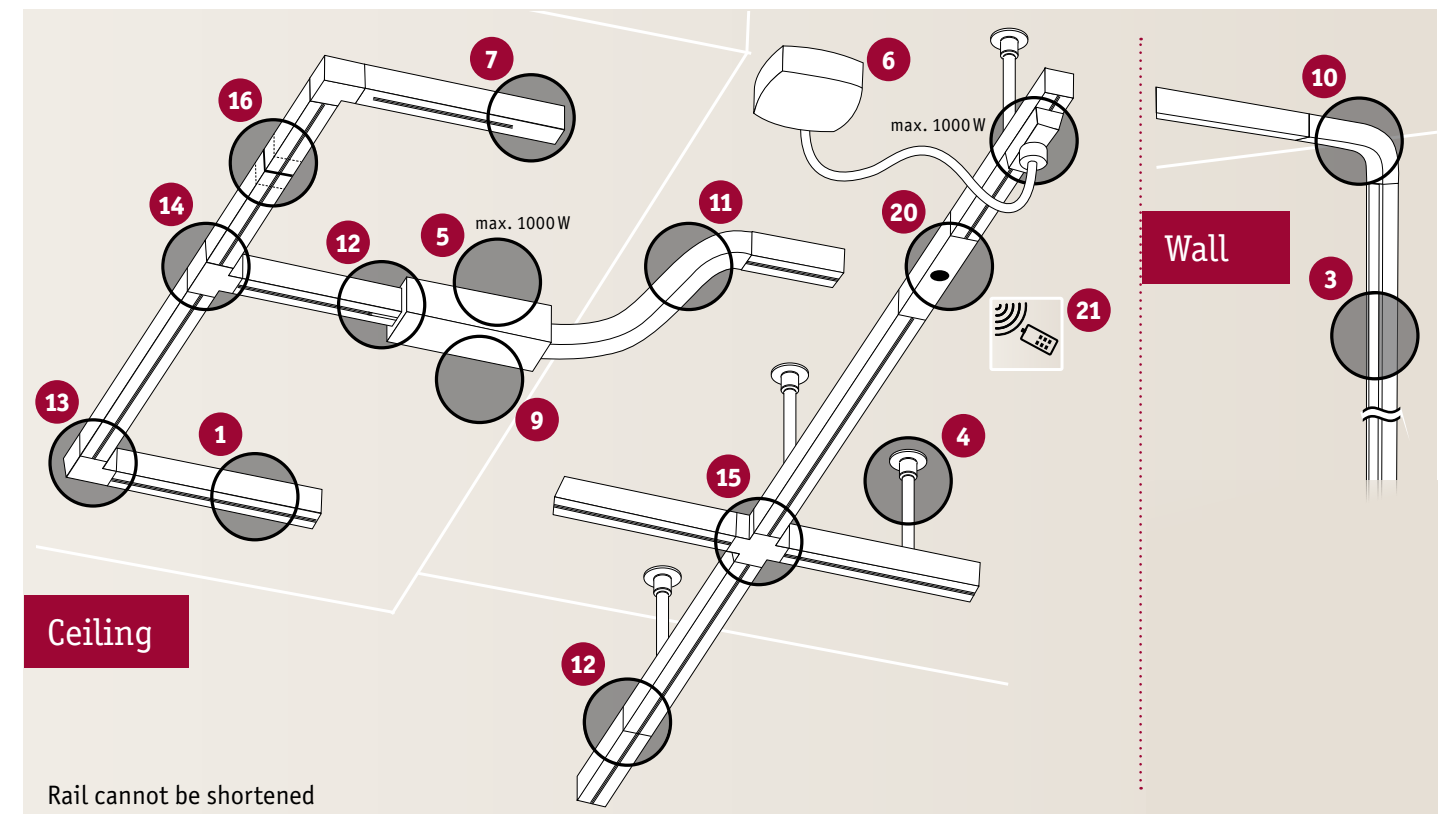
CM	952.94	_____ x
W	952.95	_____ x




23 Remote for Wireless Adapter

952.96 _____ x





URail

Install LED spotlights and pendants throughout your home

Introduce various forms of lighting to your home using just a single power supply. Provide the different areas of a room with their own unique atmosphere whilst maintaining a harmonious overall impression. You can connect up to ten rail elements to the power supply at a capacity of up to 1000 watts. URail is a high-voltage system (230 V) and therefore does not require a transformer as it is connected directly to the mains. Spotlights and pendants are easy to move on the rails – perfect for staging big dinner parties.

Depending on the height of your ceiling, you can choose between two types of installation: the rails can be mounted on spacers or directly on the ceiling.



5 Jahre Year Ans
Jaar Años Annos
Garantie

WORLD OF LIGHT with Anita & Jens

Visit us at YouTube!

In Paulmann's World of Light, we use short videos to show you how to light up your home.

www.youtube.com/PaulmannLicht



Light planning
with URail



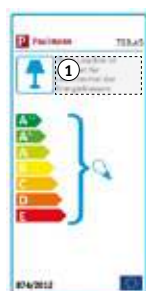
URail assembly



www.paulmann.com

Paulmann Licht GmbH | Quezinger Feld 2 | 31832 Springe / Germany

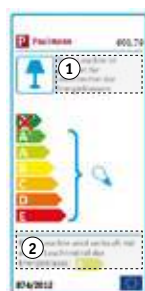
The energy efficiency class label appears as follows:



Example

Arctus A++-E
max. 60 W, E27
230 V
Ø80 Ø275 mm
EAN 4000870 703458
703.45

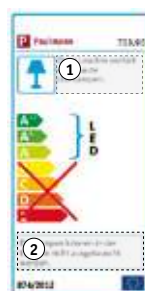
① This luminaire is suitable for lamps with energy classes A++-E.



Example

Futura A+-E
incl. 2x3,5 W, GU10, <A
230 V
Ø150 Ø275 Ø80 mm
EAN 4000870 601792
601.79

① This luminaire is suitable for lamps with energy classes A+-E.
② This luminaire comes with a class A lamp.



Example

Orbit A+-A
incl. 1x18,5 W
1100 lm, 3000 K
230 V Ø360 Ø57 mm
EAN 4000870 703908
703.90

① This luminaire contains built-in LED lamps.
② The lamps in the luminaire cannot be replaced.



Example

LED
2,2 W G9 <A
Ø15 Ø50 mm
200lm
2700 K
284.38

③ Lamp energy efficiency class: A