Step by step to an individual lighting experience.

How to select your components.

☑️ **Everything you need** to operate your LED Strips.

➕ **Add that little bit extra** to expand your LED Strip system in a practical and functional way.
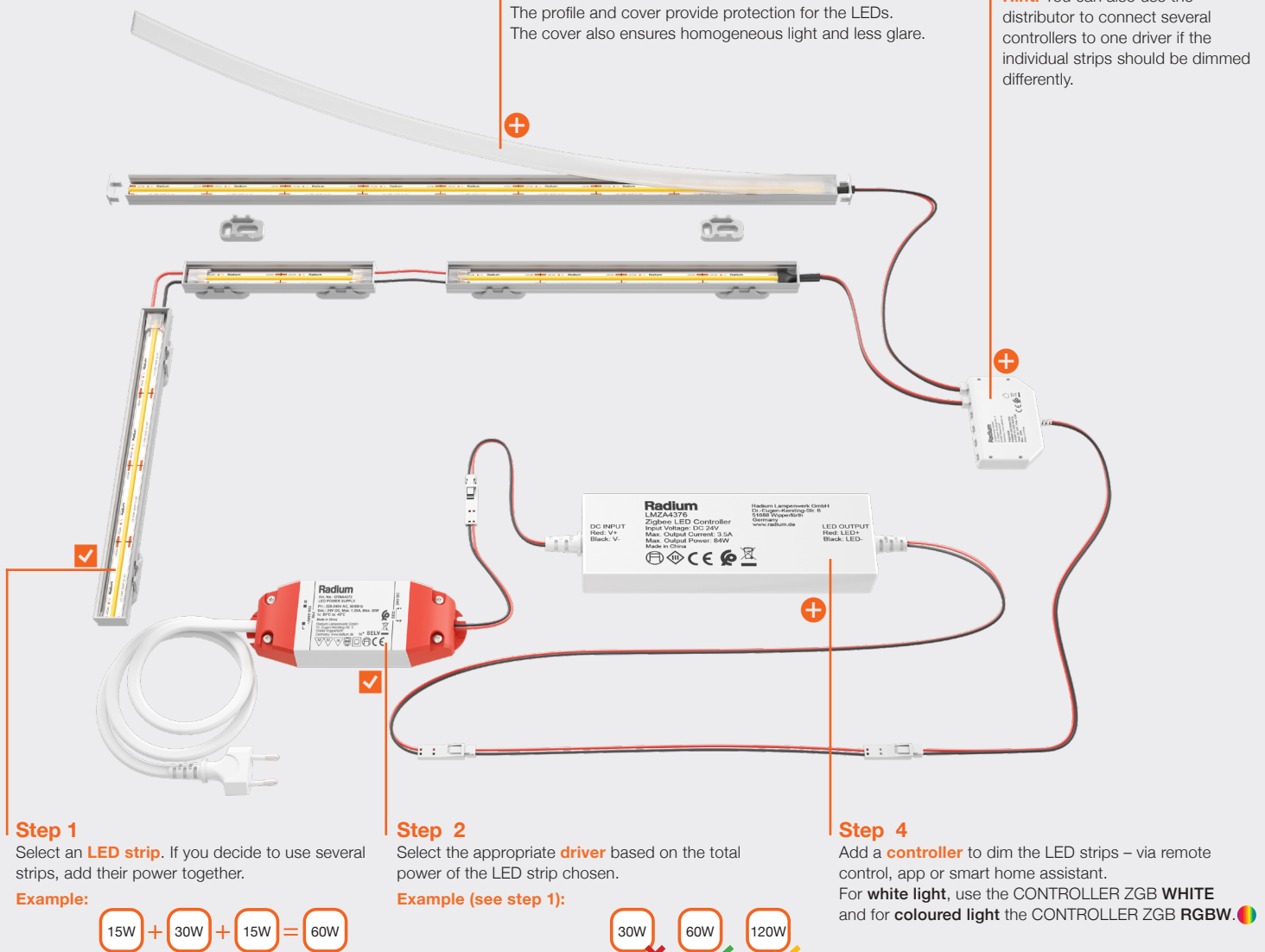
Step 5

For every application we have the right **profile set** consisting of profile, cover, end caps and brackets including screws.

The profile and cover provide protection for the LEDs. The cover also ensures homogeneous light and less glare.

Step 3

If you want to use more than one LED strip on one driver, you will need a **distributor**.

Hint: You can also use the distributor to connect several controllers to one driver if the individual strips should be dimmed differently.

Step 1

Select an **LED strip**. If you decide to use several strips, add their power together.

Example:

15W + 30W + 15W = 60W

Step 2

Select the appropriate **driver** based on the total power of the LED strip chosen.

Example (see step 1):

30W ❌   60W ✅   120W ✅

Step 4

Add a **controller** to dim the LED strips – via remote control, app or smart home assistant.
For **white light**, use the CONTROLLER ZGB **WHITE** and for **coloured light** the CONTROLLER ZGB **RGBW**.

For your **Smart Home**

Make it dimmable:
Lighting control makes your home smart!

With the Zigbee controller, you can control your LED Strips easily via remote control. If you have a suitable Zigbee bridge, controller and remote control can be trained to your smart home system. You can also switch and dim your light via app or voice control and call up your individually saved light scenes.

Which light colour is the right one for my project?

For different lighting applications we usually consciously choose certain colour temperatures (unit: Kelvin (K)). For example, we use warm, cosy light (e.g. 2700 K) for living rooms and bedrooms, whereas cool, vitalising light (e.g. 4000 K) for workspaces and kitchens.

How do I know how bright an LED strip is?

You can recognise the brightness of light sources by their luminous flux (lumen (lm) or, in the case of LED strips, lumen per metre (lm/m)). The higher the value, the brighter the light. How much light is needed depends on the visual task: For decorative light, for example, 500 lm/m can be used, for general room lighting rather 1500 lm/m.

1	**Ambient lighting** for orientation and showcase lighting or indirect light sources	**LED Strip 500ZP** (1m/3m/5m/10m) – Low brightness for soft lighting – Warm white (2700 K) or cool white light (4000 K)
2	**Additional lighting** for kitchen base units, indirect light sources or light coves	**LED Strip 1000ZP** (1m/3m/5m/10m) – Medium brightness for decorative light or auxiliary lighting – Warm white (2700 K) or cool white light (4000 K)
3	**General lighting** for living spaces, offices, garages or individual lighting	**LED Strip 1500** (1m/3m/5m) – Medium brightness for decorative light or auxiliary lighting – Warm white (2700 K) or cool white light (4000 K)
4	**WarmDIM lighting** for bedrooms and living rooms, bars, event and relaxation rooms	**LED Strip 900WD** (1m/3m/5m) – Dynamic light: changes automatically from warm white (3000 K) to super warm white (1900 K) when dimmed
5	**RGBWW lighting** for living and event rooms, bars, young persons and gaming rooms	**LED Strip 500ZP RGBWW** (1m/3m/5m/10m) – Combining coloured light and pure, warm white light (3000 K)

Keep your lighting grounded:
Aluminium profiles for LED Strips.

The optimum solution for every idea.
Radium offers a large selection of aluminium profile sets for LED Strips to individually illuminate any room. Whether simple surface-mounted profiles, corner profiles, floor profiles, drywall profiles or slat profiles for acoustic panels: the simple, modern design makes every lighting solution an eye-catcher.

Profiles ensure protection and durability.
Radium profile sets safely dissipate the heat from the LEDs and protect the strips from dust. This ensures a safe and long-lasting lighting solution. That's why we recommend to use the LED Strips in combination with Radium profiles.

### The sets are so easy to install.
All LED strips are equipped with a self-adhesive tape and can be glued into the profile this way. The cover and end caps are then fitted. The brackets supplied with the set are screwed on at the desired place. The profile set is then simply clicked into it. Alternatively, a centring groove in the profile enables to drill precisely the holes in order to fix the profile with screws directly without using the brackets, before you glue in the LED strip.

Tip: You can cut the profile set easily to an exact fit with a hacksaw. This avoids dark spots if your LED strip does not fit exactly into the profile. Take care to ensure that your profile is 1 cm longer than your LED strip strip, as the connection cable needs a little space in the profile.

How about a pendant light?

Would you like to illuminate your dining table, kitchen island or desk? Then simply add a wire suspension to your selected LED Strip and your profile set and hang up your customized LED Strip system.

You can find product information on wire suspensions on page 12.
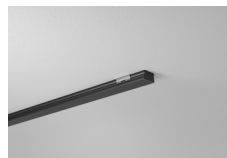
Attachement profile set (1m/2m)
SMALL U FLAT 17/10 black
with black cover
Also available with frosted white cover
FXZA4548 (1m)   FXZA4549 (2m)
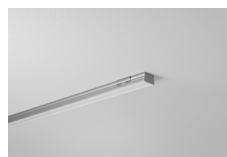
Attachement profile set (1m/2m)
SMALL U FLAT 17/10 grey
with frosted white cover
FXZA4540 (1m)   FXZA4541 (2m)

Attachement profile set (1m/2m)
SMALL U 17/16 grey
with frosted white cover
Also available in black
FXZA4550 (1m)   FXZA4551 (2m)

Attachement profile set (1m/2m)
SMALL U FLAT SQUARE 17/18 grey
with high frosted white cover
Also available in black
FXZA4542 (1m)   FXZA4543 (2m)

Corner profile set (1m/2m)
SMALL CORNER 23/23 grey
with frosted white cover
FXZA4554 (1m)   FXZA4555 (2m)

Slat profile set (1m/2m)
XSMALL U 12/12 black
with black cover
Also available with frosted white cover
FXZA4570 (1m)   FXZA4571 (2m)

Drywall corner profile set (2m)
SMALL CORNER DC 38/36 grey
with frosted white cover
FXZA4573 (2m)

Drywall corner profile set (2m)
SMALL CORNER DC 26/30 grey
with frosted white cover
FXZA4572 (2m)

Drywall corner profile set (1m/2m)
SMALL WING DC 56/13 grey
with frosted white cover
FXZA4564 (1m)   FXZA4565 (2m)

Built-in wing profile set (1m/2m)
SMALL WING 25/13 grey
with frosted white cover
Spring brackets optionally available
Also available in black and white
FXZA4556 (1m)   FXZA4557 (2m)

Floor profile set (1m/2m)
SMALL U FLOOR 21/27 grey
with frosted white cover
Loadable up to 500 kg
FXZA4566 (1m)   FXZA4567 (2m)

Floor wing profile set (1m/2m)
SMALL W FLOOR 27/11 grey
with frosted white cover
Loadable up to 500 kg
FXZA4568 (1m)   FXZA4569 (2m)

Modern lighting accents made easy.
The highlight for your home.

Make your acoustic panels shine!

Give your slatted wall that little bit extra - with cleverly integrated lighting!
Thanks to matching profile sets, you can simply click LED strips into the slats to create individual lighting accents.

- ☑ **Simple installation:** Glue the LED strip into the profile set, attach the mounting clips and click into the acoustic panel without tools
- ☑ **Decorative highlights** for cosy living rooms, hallways, counters and much more
- ☑ **Individually adaptable** for every application

Black
profile sets
**disappear,
when the light
turns off**

Your room, your light, your favourite place.

Project examples with Radium Easy Connect LED Strips.

Need some inspiration? We'll show you how easy it is to implement: Easy Connect LED Strips offer countless design options and you can adapt them precisely to your needs. Here we show you stylish lighting applications as inspiration for your next DIY project. Whether it's indirect lighting for your kitchen, an atmospheric bedroom and living room upgrade or cool lighting accents in your ceiling - Easy Connect makes it possible!

The product descriptions on the images will help you find the right items and fill your own shopping cart quickly and easily.

Inspire → Shop → Customize → Enjoy

A cozy atmosphere in the bedroom.
WarmDIM lighting for your bed.

1 **LED Strip** 900WD EH 930-919/24V

2 **Driver** 60W DC24V

3 **Controller** ZGB WHITE 84W/24V IP20

4 **Distributor** 6PORT P2 IP20 WHITE

5 **Cable extension** 2PIN 2M

6 **Remote control** REMOTE ZGB DOT 1ZONE

7 **Profile set** SMALL U F 17/16 BLACK

Practical lighting for work surfaces.
Additional lighting for your kitchen cabinets.

①	**LED Strip** 1000ZP EH 940/24V
②	**Driver** 30W DC24V
③	**Controller** ZGB WHITE 84W/24V IP20
④	**Remote control** REMOTE ZGB DOT 1ZONE
⑤	**Profile set** SMALL CORNER F 23/23 GREY

Tasteful, colored light in the living room.
RGBWW lighting for your screen.

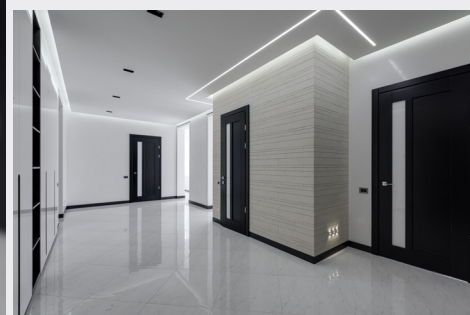| ①	**LED Strip** 500ZP EH RGBWW/24V
②	**Driver** 60W DC24V
③	**Controller** ZGB RGBW 84W/24V IP20
④	**Distributor** 4PORT P3 IP20 RGBW
⑤	**Cable extension** RGBW 2M
⑥	**Remote control** REMOTE ZGB RGBW 4ZONE

A functional eye-catcher in the hallway.
General lighting for your ceiling.

1 **LED Strip** 1500 EH 940/24V

2 **Driver** 60W DC24V

3 **Controller** ZGB WHITE 84W/24V IP20

4 **Distributor** 6PORT P2 IP20 WHITE

5 **Remote control** REMOTE ZGB WHITE 4ZONE

6 **Profile set** SMALL WING DC F 56/13 GREY

Stylish light for perfect orientation.
Ambient lighting for your staircase.
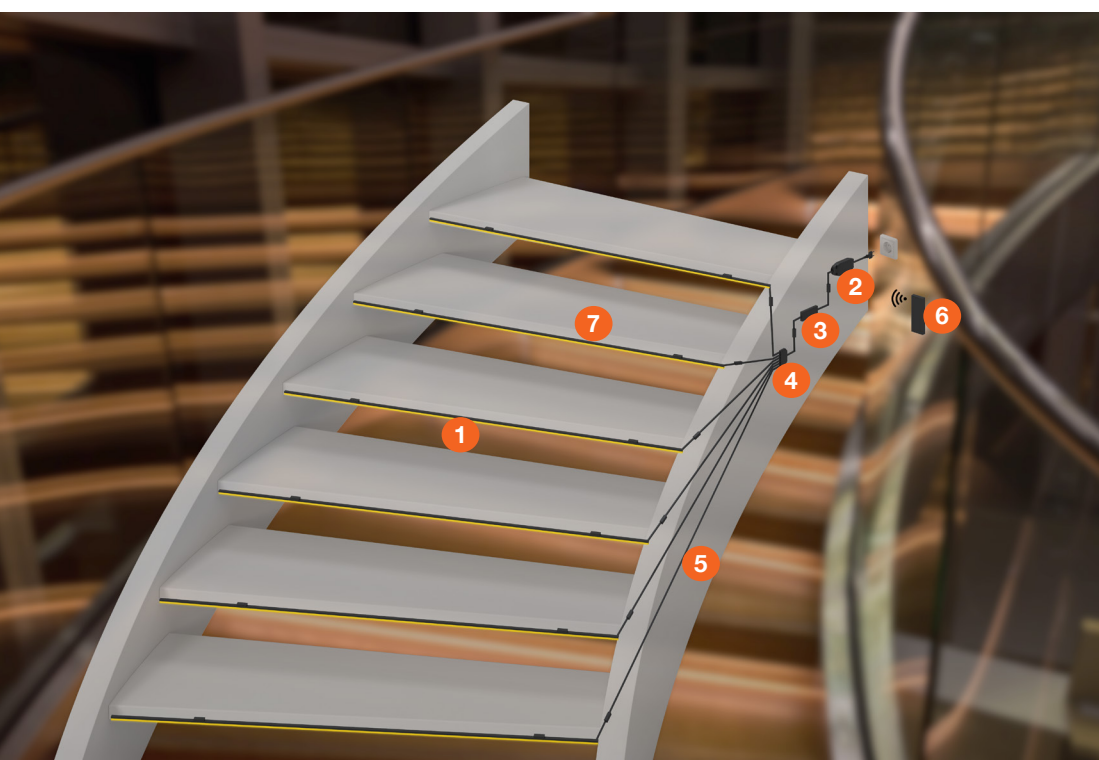
1 **LED Strip** 500ZP EH 927/24V

2 **Driver** 60W DC24V

3 **Controller** ZGB WHITE 84W/24V IP20

4 **Distributor** 6PORT P2 IP20 WHITE

5 **Cable extension** 2PIN 2M

6 **Remote control** REMOTE ZGB WHITE 4ZONE

7 **Profile set** SMALL U FLAT F 17/10 GREY
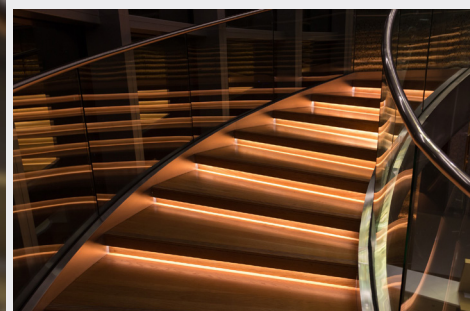
Product list.
Technical data.

LED Strips

		m	W/m	lm/m	LEDs/m		mm	Max m	EL G→A
Article no.	**Type**						mm	m	
	LED Strip 500								
RSTA4231	LED STRIP 500ZP EH 927/24V 1M	1	5	455	320	○	50	5	G
RSTA4233	LED STRIP 500ZP EH 927/24V 3M	3	5	455	320	○	50	5	G
RSTA4235	LED STRIP 500ZP EH 927/24V 5M	5	5	455	320	○	50	5	G
RSTA4230	LED STRIP 500 EH 927/24V 10M	10	4	490	80	○	100	10	E
RSTA4241	LED STRIP 500ZP EH 940/24V 1M	1	5	505	320	○	50	5	F
RSTA4243	LED STRIP 500ZP EH 940/24V 3M	3	5	505	320	○	50	5	F
RSTA4245	LED STRIP 500ZP EH 940/24V 5M	5	5	505	320	○	50	5	F
RSTA4240	LED STRIP 500 EH 940/24V 10M	10	4	520	80	○	100	10	E
	LED Strip 1000								
RSTA4251	LED STRIP 1000ZP EH 927/24V 1M	1	10	890	480	○	50	5	G
RSTA4253	LED STRIP 1000ZP EH 927/24V 3M	3	10	890	480	○	50	5	G
RSTA4255	LED STRIP 1000ZP EH 927/24V 5M	5	10	890	480	○	50	5	G
RSTA4250	LED STRIP 1000 EH 927/24V 10M	10	7	945	80	○	100	10	E
RSTA4261	LED STRIP 1000ZP EH 940/24V 1M	1	10	1000	480	○	50	5	F
RSTA4263	LED STRIP 1000ZP EH 940/24V 3M	3	10	1000	480	○	50	5	F
RSTA4265	LED STRIP 1000ZP EH 940/24V 5M	5	10	1000	480	○	50	5	F
RSTA4260	LED STRIP 1000 EH 940/24V 10M	10	7	1085	80	○	100	10	D
	LED Strip 1500								
RSTA4271	LED STRIP 1500 EH 927/24V 1M	1	12	1440	128	○	62,5	5	E
RSTA4273	LED STRIP 1500 EH 927/24V 3M	3	12	1440	128	○	62,5	5	E
RSTA4275	LED STRIP 1500 EH 927/24V 5M	5	12	1440	128	○	62,5	5	E
RSTA4281	LED STRIP 1500 EH 940/24V 1M	1	12	1668	128	○	62,5	5	E
RSTA4283	LED STRIP 1500 EH 940/24V 3M	3	12	1668	128	○	62,5	5	E
RSTA4285	LED STRIP 1500 EH 940/24V 5M	5	12	1668	128	○	62,5	5	E
	LED Strip 900 WD								
RSTA4291	LED STRIP 900WD EH 930-919/24V 1M	1	10	910	168	◑	83,3	5	G
RSTA4293	LED STRIP 900WD EH 930-919/24V 3M	3	10	910	168	◑	83,3	5	G
RSTA4295	LED STRIP 900WD EH 930-919/24V 5M	5	10	910	168	◑	83,3	5	G
	LED Strip 500 RGBWW								
RSTA4311	LED STRIP 500ZP EH RGBWW/24V 1M	1	10	500	784	🔴○	71,4	5	G
RSTA4313	LED STRIP 500ZP EH RGBWW/24V 3M	3	10	500	784	🔴○	71,4	5	G
RSTA4315	LED STRIP 500ZP EH RGBWW/24V 5M	5	10	500	784	🔴○	71,4	5	G
RSTA4310	LED STRIP 500 EH RGBWW/24V 10M	10	8	424	60	🔴○	100	10	F

Note: All LED Strips are equipped with 25cm long supply cables including connectors:

Both 1m and 3m rolls have a cable at one of the two ends.
5m and 10m rolls have a cable at both ends.

LED Strip Accessories

Article no.	Type		mm	pcs.
	Distributors			
FXZA4950	POWER DISTRIBUTOR 6PORT P2 IP20 WHITE		250	1
FXZA4951	POWER DISTRIBUTOR 4PORT P3 IP20 RGBW		250	1
	Cable extensions			
FXZA4380	CABLE EXTENSION 2PIN 2M		2000	1
FXZA4382	CABLE EXTENSION RGBW 2M		2000	1
	LED Strip connectors			
FXZA4510	STRIP CABLE BRIDGE 2PIN 10MM/5CM 4PCS		50	4
FXZA4511	STRIP CABLE BRIDGE 5PIN 12MM/5CM 4PCS	*	50	4

*Only compatible with 10m type of RGBW LED Strips.

LED Drivers (Power Supply Units)

Article no.	Type		W	V Out	in / out (mm)	l (mm)	w (mm)	h (mm)
	LED Drivers							
OTNA4372	DRIVER 30W DC24V		30	24	1500 / 250	123	45	19
OTNA4373	DRIVER 60W DC 24V		60	24	1500 / 250	170	45	28
OTNA4374	DRIVER 120W DC 24V		120	24	1500 / 250	316	40	33
OTNA4375	DRIVER 200W DC 24V		200	24	-	195	67	31

Controllers and Remote Controls

Article no.	Type		W	V Out	l (mm)	w (mm)	h (mm)
	Controllers						
LMZA4376	CONTROLLER ZGB WHITE 84W/24V IP20		84	24	87	34	15
LMZA4377	CONTROLLER ZGB RGBW 84W/24V IP20		84	24	87	34	15
LMZA4378	CONTROLLER ZGB UNVRSL 480W/12-24V IP20		480	24	145	47	16
	Remote controls						
LMZA4535	REMOTE ZGB WHITE 4ZONE		-	-	150	39	12
LMZA4536	REMOTE ZGB RGBW 4ZONE		-	-	136	39	11
LMZA4537	REMOTE ZGB DOT 1ZONE		-	-	39 Ø		15

Profile Sets

Article no.	Type	Profile / Cover	Type of cover	l (m)	w (mm)	$w_{Built-in}$ (mm)	h (mm)
	Attachement profile sets						
FXZA4550	SET SMALL U F 17/16 GREY 1M	◐ / ○	Standard	1	17,3	-	16
FXZA4551	SET SMALL U F 17/16 GREY 2M	◐ / ○	Standard	2	17,3	-	16
FXZA4552	SET SMALL U F 17/16 BLACK 1M	● / ○	Standard	1	17,3	-	16
FXZA4553	SET SMALL U F 17/16 BLACK 2M	● / ○	Standard	2	17,3	-	16
FXZA4540	SET SMALL U FLAT F 17/10 GREY 1M	◐ / ○	Standard	1	17,3	-	9,6
FXZA4541	SET SMALL U FLAT F 17/10 GREY 2M	◐ / ○	Standard	2	17,3	-	9,6
FXZA4544	SET SMALL U FLAT F 17/10 BLACK 1M	● / ○	Standard	1	17,3	-	9,6
FXZA4545	SET SMALL U FLAT F 17/10 BLACK 2M	● / ○	Standard	2	17,3	-	9,6
FXZA4548	SET SMALL U FLAT BLACK 17/10 BLACK 1M	● / ●	Standard	1	17,3	-	9,6
FXZA4549	SET SMALL U FLAT BLACK 17/10 BLACK 2M	● / ●	Standard	2	17,3	-	9,6
FXZA4542	SET SMALL U FLAT SQUARE 17/18 GREY 1M	◐ / ○	Hoch	1	17,3	-	18,3
FXZA4543	SET SMALL U FLAT SQUARE 17/18 GREY 2M	◐ / ○	Hoch	2	17,3	-	18,3
FXZA4546	SET SMALL U FLAT SQUARE 17/18 BLACK 1M	● / ○	Hoch	1	17,3	-	18,3
FXZA4547	SET SMALL U FLAT SQUARE 17/18 BLACK 2M	● / ○	Hoch	2	17,3	-	18,3
	Corner profile sets						
FXZA4554	SET SMALL CORNER F 23/23 GREY 1M	◐ / ○	Standard	1	22,8	-	22,8
FXZA4555	SET SMALL CORNER F 23/23 GREY 2M	◐ / ○	Standard	2	22,8	-	22,8
	Drywall corner profile sets						
FXZA4572	SET SMALL CORNER DC F 26/30 GREY 2M	◐ / ○	Standard	2	26	16	30,5
FXZA4573	SET SMALL CORNER DC F 38/36 GREY 2M	◐ / ○	Standard	2	38,4	19	36,5
	Installation profile sets						
FXZA4556	SET SMALL WING F 25/13 GREY 1M	◐ / ○	Standard	1	25	18,8	13
FXZA4557	SET SMALL WING F 25/13 GREY 2M	◐ / ○	Standard	2	25	18,8	13
FXZA4558	SET SMALL WING F 25/13 BLACK 1M	● / ○	Standard	1	25	18,8	13
FXZA4559	SET SMALL WING F 25/13 BLACK 2M	● / ○	Standard	2	25	18,8	13
FXZA4560	SET SMALL WING F 25/13 WHITE 1M	○ / ○	Standard	1	25	18,8	13
FXZA4561	SET SMALL WING F 25/13 WHITE 2M	○ / ○	Standard	2	25	18,8	13

Note: Spring brackets optionally available, see Mounting Accessories on page 12.

Profile Sets

Article no.	Type	Color Profile / Cover	Type of cover	l (m)	w (mm)	$w_{Built-in}$ (mm)	h (mm)
	Drywall corner profile sets						
FXZA4564	SET SMALL WING DC F 56/13 GREY 1M	⬤ / ◯	Standard	1	56	16	13
FXZA4565	SET SMALL WING DC F 56/13 GREY 2M	⬤ / ◯	Standard	2	56	16	13
	Floor profile sets						
FXZA4566	SET SMALL U FLOOR F 21/27 GREY 1M	⬤ / ◯	Standard	1	21,4	21,4	27
FXZA4567	SET SMALL U FLOOR F 21/27 GREY 2M	⬤ / ◯	Standard	2	21,4	21,4	27
FXZA4568	SET SMALL W FLOOR F 27/11 GREY 1M	⬤ / ◯	Standard	1	27,1	21,4	11
FXZA4569	SET SMALL W FLOOR F 27/11 GREY 2M	⬤ / ◯	Standard	2	27,1	21,4	11

Note: Cover not UV-resistant.

Article no.	Type	Color Profile / Cover	Type of cover	l (m)	w (mm)	$w_{Built-in}$ (mm)	h (mm)
	Slat profile sets						
FXZA4574	SET XSMALL U F 12/12 BLACK 1M	⬤ / ◯	Standard	1	12,2	-	12,4
FXZA4575	SET XSMALL U F 12/12 BLACK 2M	⬤ / ◯	Standard	2	12,2	-	12,4
FXZA4570	SET XSMALL U BLACK 12/12 BLACK 1M	⬤ / ⬤	Standard	1	12,2	-	12,4
FXZA4571	SET XSMALL U BLACK 12/12 BLACK 2M	⬤ / ⬤	Standard	2	12,2	-	12,4

Mounting Accessoires

Article no.	Type	Product type	m	pcs.
	Mounting accessoires			
ZTPA4562	BRACKET SPRING PROFILE SMALL B1 2PCS	Spring bracket	-	2
ZTPA4563	BRACKET PROFILE SMALL B1 MET 6PCS	Metal bracket	-	6
ZTPA4576	SUSPENSION KIT PROFILE SMALL 2M 2PCS	Cable suspension	2	2

All profile sets include:
- Profile
- Cover
- End caps
- Brackets incl. screws
  (except floor and drywall profile sets)