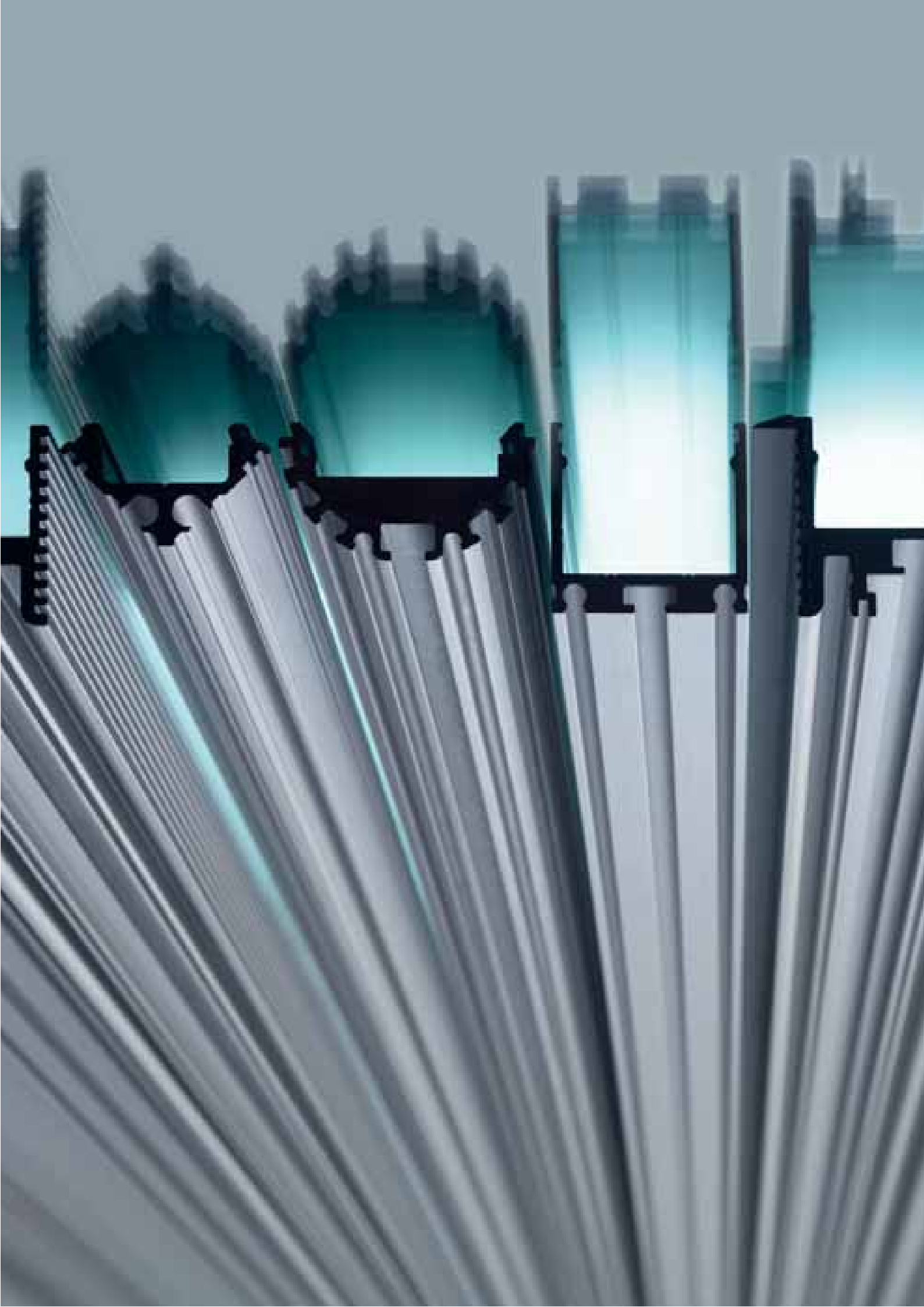


**RETONE<sup>®</sup>**

**LEADING PROFILES**



**MADE IN GERMANY**





# RETONE®

## Lightprofiles with high performance

RETONE® was founded in the heart of southern Bavaria by the well-established company Plereiter, which has a history of over 25 years in CNC-Technology. RETONE® is innovator and developer in the sector of LED-profiles for the most individual and technically challenging solutions. NEW: Also for drywall constructions.





# RETONE®

## High-End Engineering

The founder Alfons Plereiter together with a team of engineers, designers, quality managers and distributors are combining the expertise of mechanical engineering and CNC-technology to create an honest, precise and successful unit.

Solid values are the perfect basis for our products – made in Germany.

*RETONE® LEADING PROFILES*





# **RETONE<sup>®</sup>**

## **Customized Solutions**

No matter how unusual your application may be – individual scopes of design, flexible planning, short ways between development and production, as well as latest manufacturing technology make *RETONE<sup>®</sup>* the perfect supplier and partner for your project.

**WE FIND YOUR SOLUTION!**

# Always suitable for your project

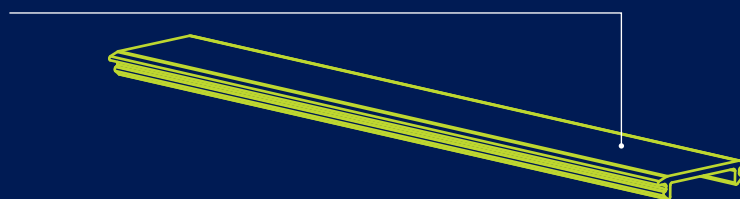
## A modular construction kit with endless possibilities

RETONE® leading profiles not only provide all profile components which are necessary for an ideal LED illumination. Thanks to our construction kit system, we also guarantee that everything always fits perfectly together: the profile, the covers, the endcaps, the extras.

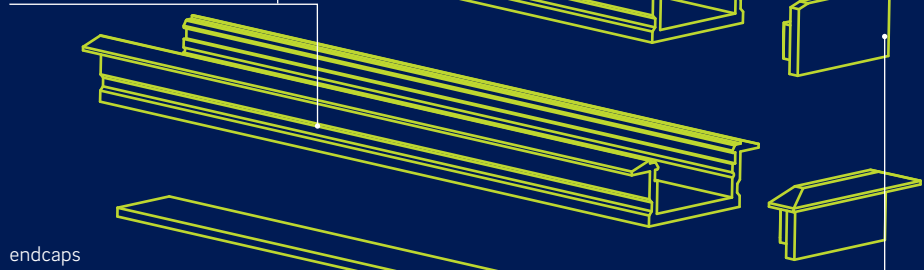
- covers and lenses
- profiles
- endcaps
- mounting material

All our products are MADE IN GERMANY. We guarantee highest quality, accuracy of fit and easy mounting.

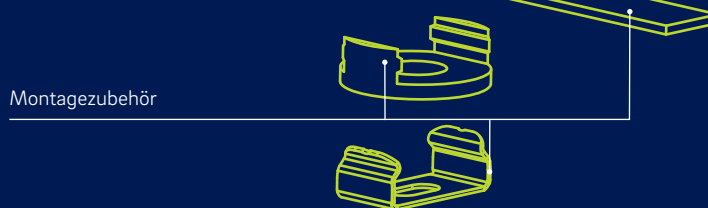
covers and lenses



profiles



endcaps

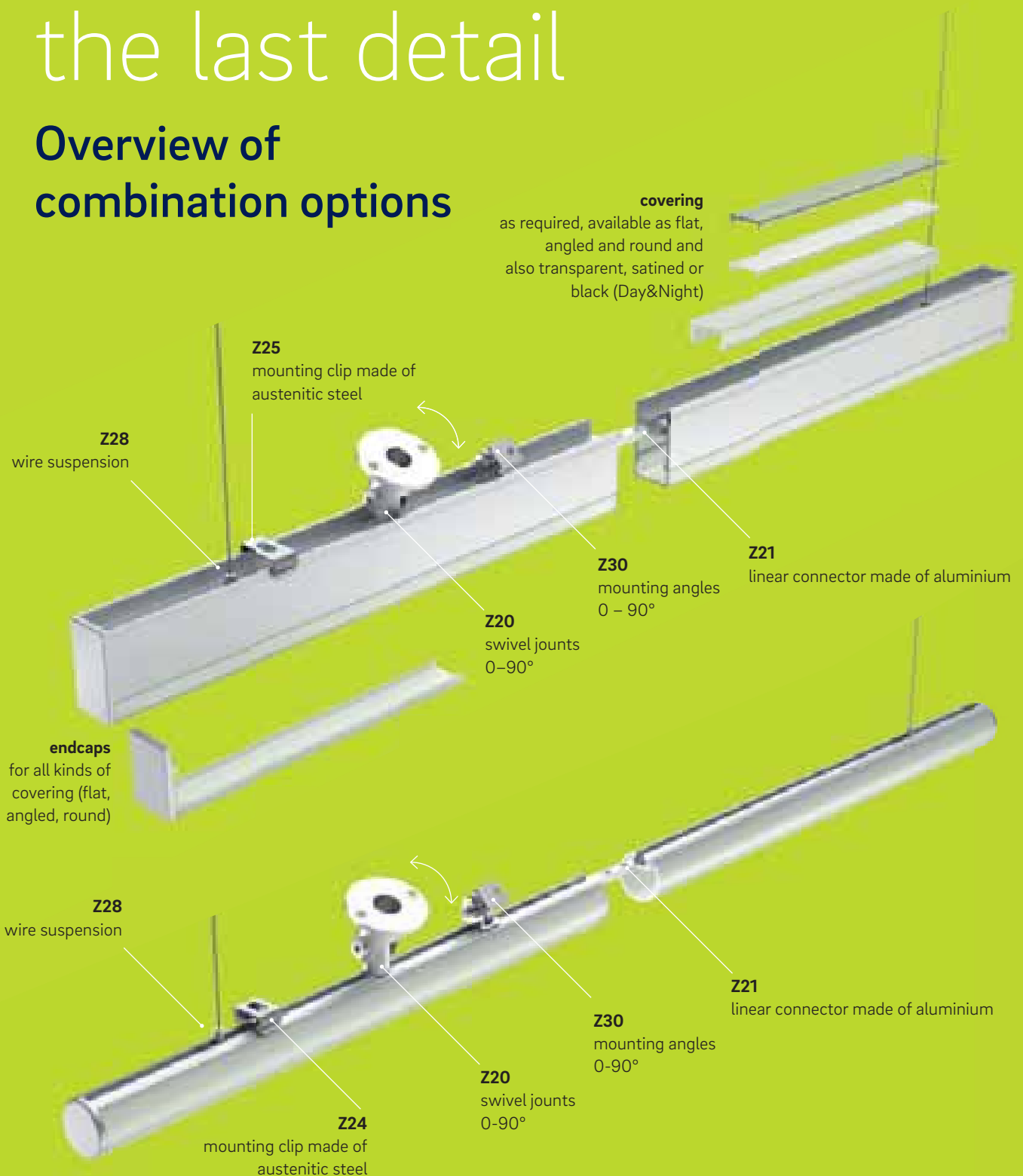


Montagezubehör

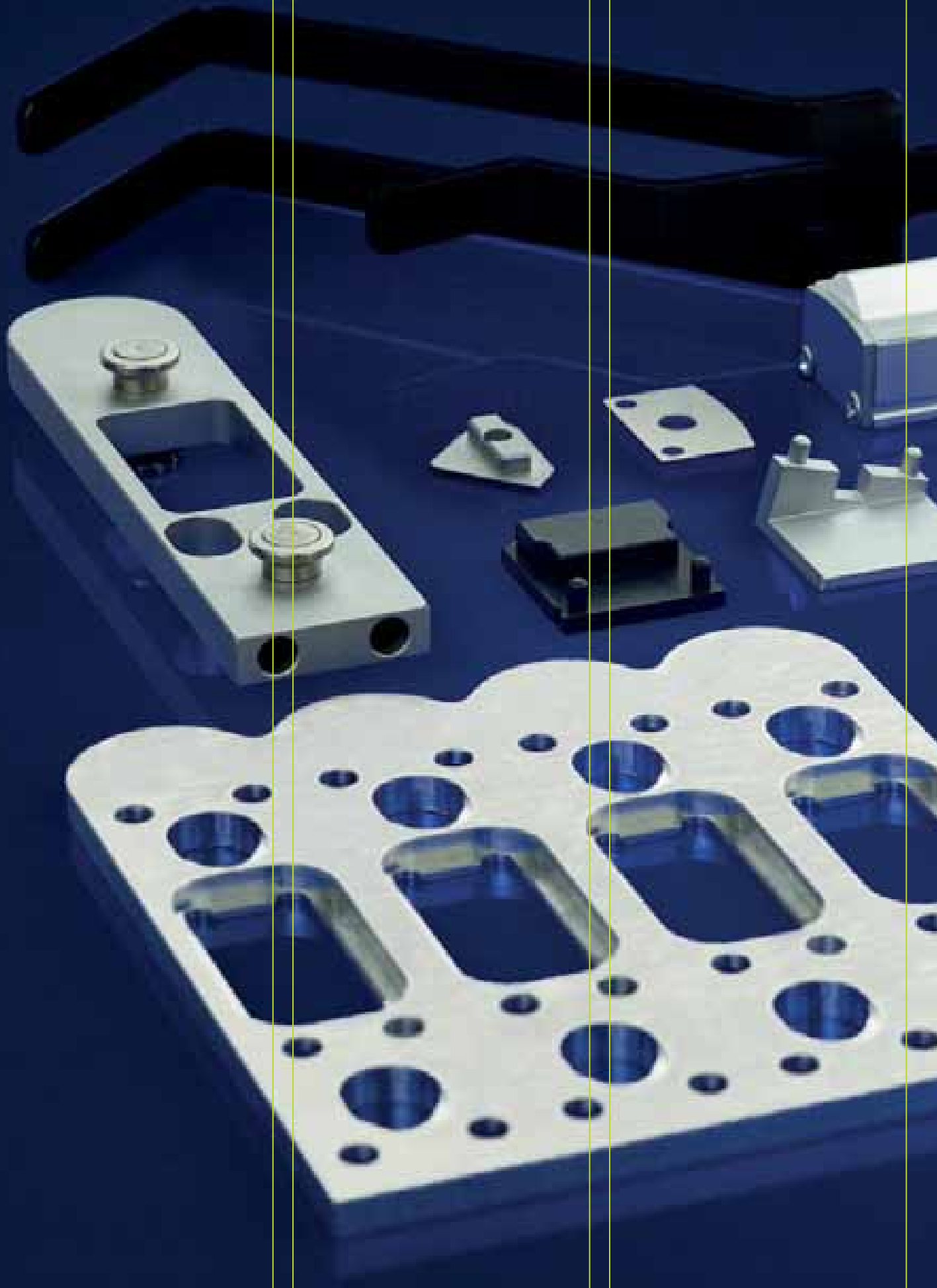


# Flexible down to the last detail

## Overview of combination options



**RETONE®**





# Tailor-made to order

**Special requirements  
without any limits**

Individual solutions for very special requirements need a lot of experience and flexibility. has specialized in being prepared for

any project and makes almost any of your wishes possible.

# Everything that LED strips need

## Our profiles for your head start

### **Standards which set a benchmark**

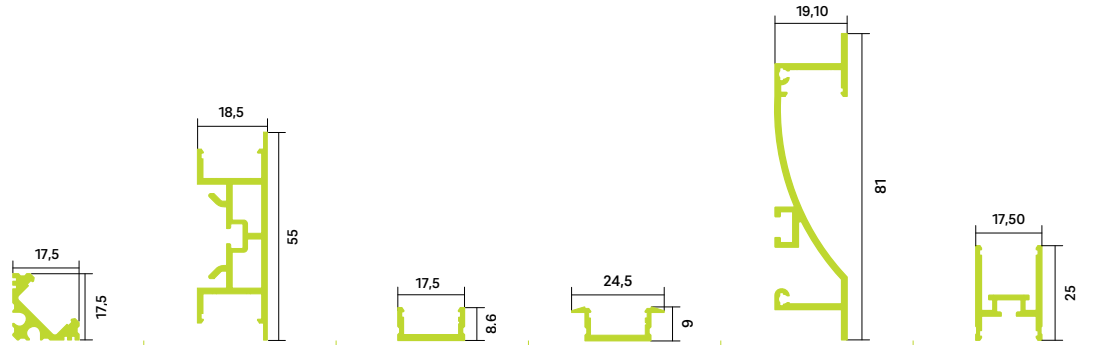
Benefit from the comprehensive know-how of profiles in LED lighting. Already our standard range comprises over 20 different profiles for various applications in the linear LED lighting. Made of blank drawn or anodized aluminium in standard lengths of 2, 3 or 6 meters. Available in the packaging units of 500, 1.000 or 1.500 meter. Also small amounts are possible.

### **Convincing benefits**

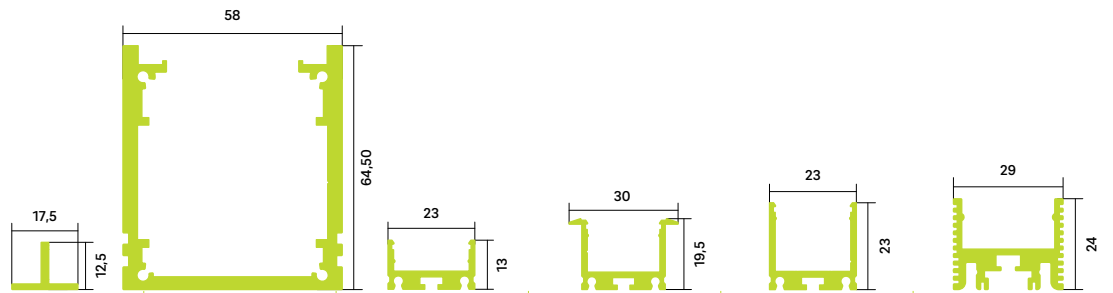
Depending on the order volume and requirements, we produce exactly those profiles which are needed for your project. With individual cutting up to 6 meter.



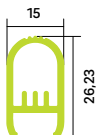

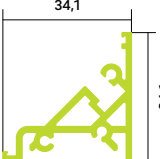
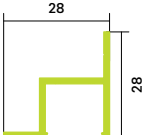

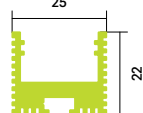



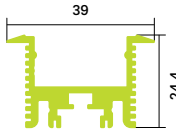
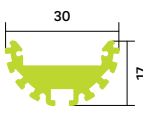
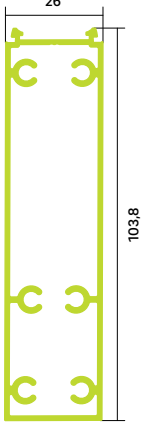
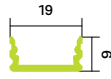
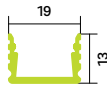
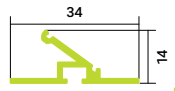
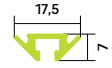


Profile	R1	R2 + R2_bk	R3 + R3_bk	R4 + R4_bk	R6 + R6_bk	R8 + R8_bk
operating performance [w/m]	14	2x25	12	12	30	20
surface finish	silver anodized	silver anodized black anodized	silver anodized black anodized	silver anodized black anodized	silver anodized black anodized	silver anodized black anodized
surface mounted profile		X	X			X
recessed profile			X	X	X	X
corner profile	X					
suspension profile		X				X
special applications	corner profile 45 degree illumination	wall ceiling skirting board			niches	versatile use
suitable covers	C2, C3, C11, C22, C23, C24	C2, C3, C11, C22, C23, C24	C2, C3, C11, C22, C23, C24	C2, C3, C11, C22, C23, C24	C2, C3, C11, C22, C23, C24	C2, C3, C11, C22, C23, C24
suitable endcaps	Z2	Z18, Z18_bk	Z16, Z16_bk, Z32, Z32_bk	Z1, Z1_bk	Z4, Z4_bk	Z7, Z7_bk
suitable mounting material	Z25, Z51, Z54	Z20, Z21, Z26, Z28, Z46, Z52, Z56	Z25, Z25_bk, Z51, Z54, Z54_bk	Z25, Z25_bk, Z51, Z54, Z54_bk	Z19, Z21, Z23 Z46	Z20, Z21, Z25, Z25_bk, Z28, Z46, Z49, Z49_bk Z51, Z54, Z54_bk



Profil	R19	R20	R26	R27	R28	R29
operating performance [w/m]	12	k. A.	28	28	28	45
surface finish	mill finish	mill finish	silver anodized	silver anodized	silver anodized	silver anodized
surface mounted profile	X	X	X		X	X
recessed profile		X	X	X	X	X
corner profile						
suspension profile		X	X	X	X	X
special applications	for bendable light					
suitable covers			C4, C5, C12, C13, C14, C15	C4, C5, C12, C13, C14, C15	C4, C5, C12, C13, C14, C15	C18, C19
suitable endcaps			Z3, Z6, Z34	Z5, Z17, Z35	Z8, Z9, Z36	Z39
suitable mounting material	Z33		Z20, Z26, Z30, Z44, Z45, Z52, Z56	Z20, Z26, Z29, Z30, Z44, Z45, Z52, Z56	Z20, Z26, Z30, Z44, Z45, Z52, Z56	Z20, Z21, Z25, Z28, Z30, Z46, Z51

						
R10	R11	R12	R13	R14	R15	R18
28	12	30	20	19	30	12
silver anodized	silver anodized	silver anodized	silver anodized	silver anodized	silver anodized	silver anodized
				X	X	X
	X				X	X
		X				
				X	X	
wardrobes (clothes rail)	slim, small	corner profile 90 degree illumination	corner walls	small, round lighting	drivable extra stable	our smallest
C1, C9, C10	C1, C9, C10	C6	C2, C3, C11, C22, C23, C24	C7	C8	C1, C9, C10
Z10	Z31	Z11		Z12	Z13	Z14, Z15
Z62	Z24, Z50, Z53, Z55	Z21, Z26, Z52, Z56		Z20, Z21, Z23, Z28 Z46	Z20, Z22, Z27, Z28	Z24, Z50, Z53, Z55

						
R30	R31	R32	R33 + R33_bk	R34 + R34_bk	R36	R37 + R37_bk
45	60	50	13	13	30	15
silver anodized	silver anodized	silver anodized	silver anodized black anodized	silver anodized black anodized	mill finish	silver anodized black anodized
	X		X	X	X	
X			X	X		
X	X					X
		shelves frames and more	construction grooves for paste in	construction grooves for paste in	indirect illumination	corner (illumination 90 degree)
C18, C19	C20, C21		C16, C17, C25 C27, C28	C16, C17, C25 C27, C28	C16, C17 C25	C30, C31
Z40	Z41, Z42		Z57, Z57_bk Z59, Z59_bk	Z58, Z58_bk Z60, Z60_bk	Z61 auf Anfrage	Z63, Z63_bk
Z20, Z21, Z25, Z28 Z29, Z30, Z46, Z51	Z20, Z21, Z23, Z28, Z30, Z43_bk, Z46		Z51, Z54, Z54_bk	Z51, Z54, Z54_bk	Z21, Z23, Z29, Z46	T2, Z28, Z46

**Profile R1**

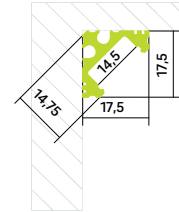
**Corner profile for linear LED-technology**

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

Usable for lamps, shop- and furniture lighting, displays, signage.

It can be attached by using various mounting clips (Z25, Z51, Z54).

Available covers: flat (C2, C11, C22, C23, C24) or U-shaped (C3)



Scale: 1:2



Article number	PA311DX00*
net weight [kg per linear meter]	0,231
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	14
dimensions wxhxl [mm]	17,5 x 17,5 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

suitable covers
C2 C3 C11 C22
C23 C24
suitable endcaps
Z2
suitable mounting material
Z25 Z51 Z54

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

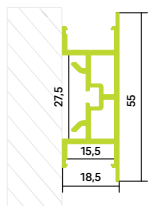
200 = 2 m | 300 = 3 m | 600 = 6 m





Profile R2 / R2\_bk

Wall profile Up & Down for linear LED-technology



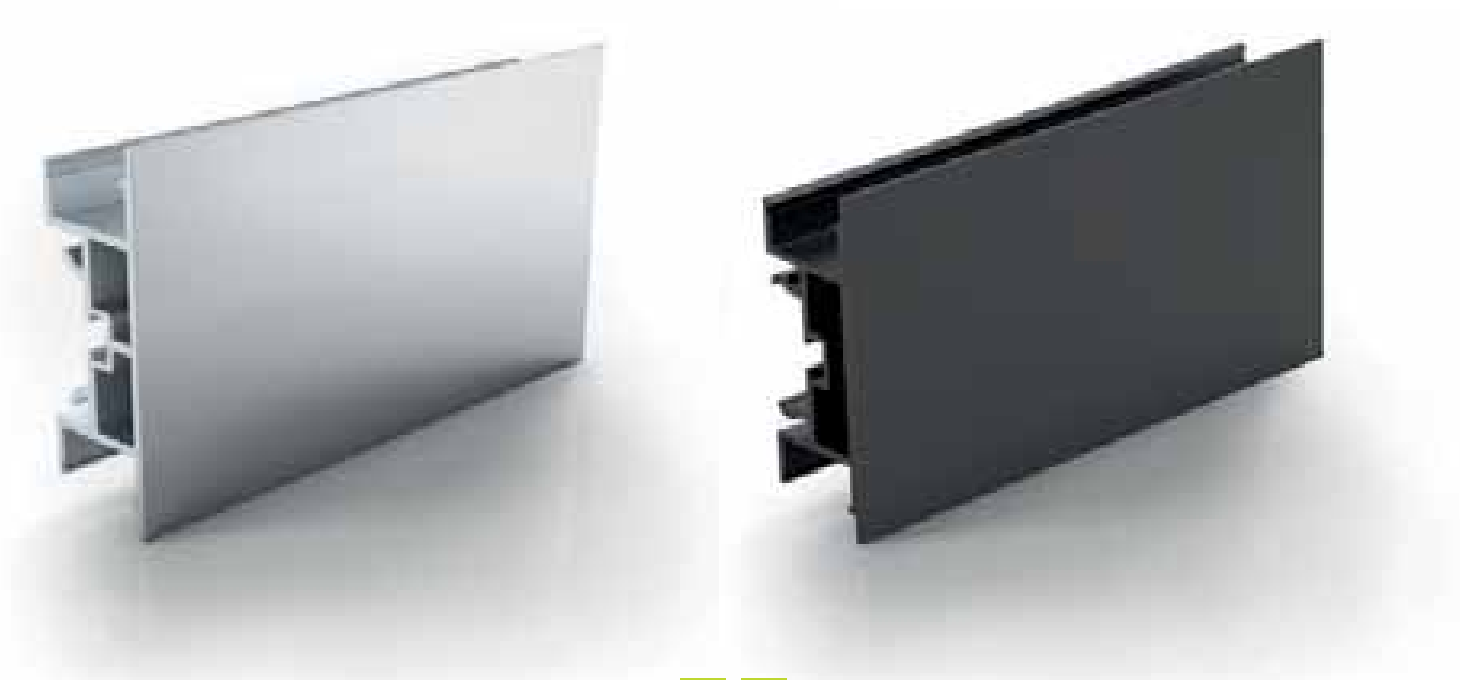
The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

Useable for facade illumination, wall ceiling, skirting board, furnitur lighting.

It can be attached by using various mounting clips (Z26, Z52), suspension (Z20, Z56), mounting pin (Z46) or wire suspension (Z28). As an expansion one can use connectors (Z21).

Available covers: flat (C2, C11, C22, C23, C24) or U-shaped (C3)

Scale: 1:2



suitable covers			
C2	C3	C11	C22
C23	C24		
suitable endcaps			
Z18	Z18 bk		
suitable mounting material			
Z20	Z21	Z26	Z28
Z46	Z52	Z56	

Article number	PA401DX00*	PB401DX00*
net weight [kg per linear meter]	0,661	0,661
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	2 x 25	2 x 25
dimensions wxhxl [mm]	55 x 18,5 x 2000*	55 x 18,5 x 2000*
length tolerances [ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R3 / R3\_bk**

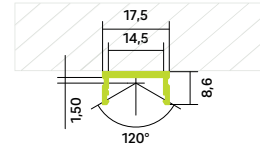
**Surface mounted profile for linear LED-technology**

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

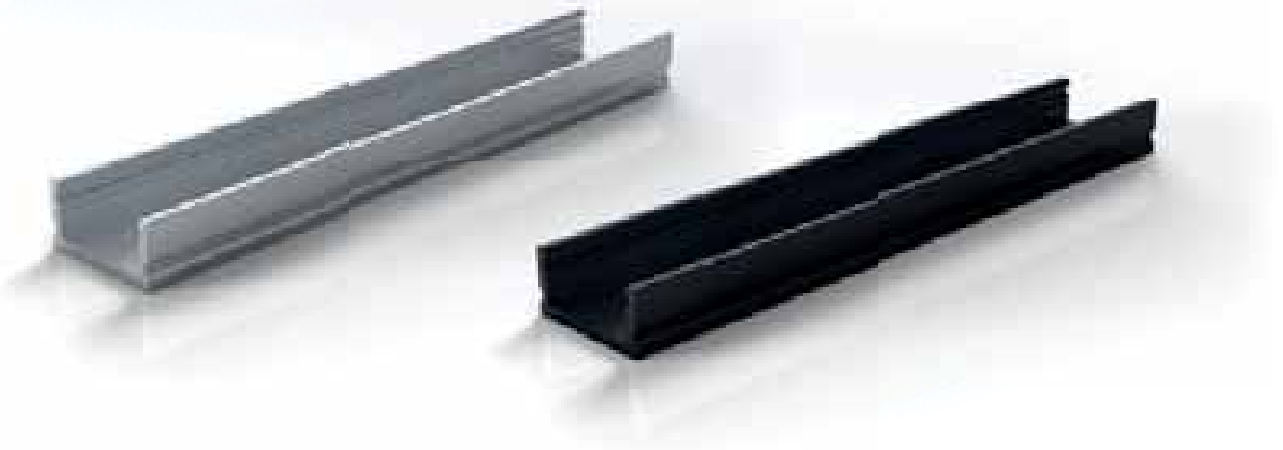
Usable for versatile assemblies, linear lamps, pendants, floor lights, displays, signage.

It can be attached by using various mounting clips (Z25, Z25\_bk, Z51, Z54, Z54\_bk).

Available covers: flat (C2, C11, C22, C23, C24) or U-shaped (C3)



Scale: 1:2



Article number	PA301DX00*	PB301DX00*
net weight [kg per linear meter]	0,119	0,119
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	12	12
dimensions wxhxl [mm]	17,5 x 8,6 x 2000*	17,5 x 8,6 x 2000*
length tolerances [ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

suitable covers

C2 C3 C11 C22  
C23 C24

suitable endcaps

Z16 Z32 Z16<sub>bk</sub> Z32<sub>bk</sub>

suitable mounting material

Z25 Z51 Z54 Z25<sub>bk</sub>  
Z54<sub>bk</sub>

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Profile R4 / R4\_bk Recessed profile for linear LED-technology



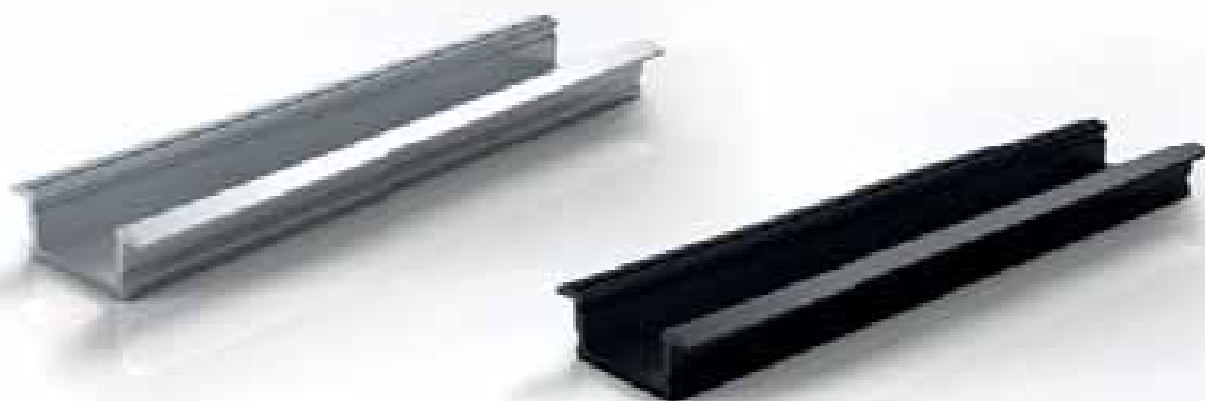
Scale: 1:2

The recessed profile made of anodized aluminium is especially resistant to corrosion.

Usable for versatile assemblies, linear lamps, pendants, floor lights, displays, signage.

It can be attached by using various mounting clips (Z25, Z25\_bk, Z51, Z54, Z54\_bk).

Available covers: flat (C2, C11, C22, C23, C24) or U-shaped (C3)



suitable covers			
C2	C3	C11	C22
C23	C24		
suitable endcaps			
Z1	Z1 bk		
suitable mounting material			
Z25	Z51	Z54	Z25 bk
Z54 bk			

Article number	PA302DX00*	PB302DX00*
net weight [kg per linear meter]	0,138	0,138
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	12	12
dimensions wxhxl [mm]	24,5 x 9 x 2000*	24,5 x 9 x 2000*
length tolerances[ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R6 / R6\_bk**

**Niche profile for linear LED-technology**

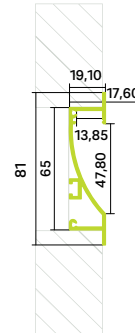


The recessed profile made of anodized aluminium is especially resistant to corrosion.

Useable for recess, ceiling, wall- or staircase lightings.

It can be attached by using mounting clip (Z23), mounting pin (Z46) or built-in clip (Z19). As an expansion one can use connectors (Z21).

Available covers: flat (C2, C11, C22, C23) or U-shaped (C3)



Scale: 1:4



Article number	PA402DX00*	PB402DX00*
net weight [kg per linear meter]	0,600	0,600
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	30	30
dimensions wxhxl [mm]	81 x 19,1 x 2000*	81 x 19,1 x 2000*
length tolerances[ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

suitable covers

**C2** **C3** **C11** **C22**

**C23** **C24**

suitable endcaps

**Z4** **Z4<sub>bk</sub>**

suitable mounting material

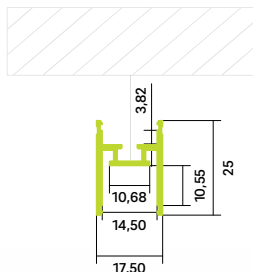
**Z19** **Z21** **Z23** **Z46**

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

**200** = 2 m | **300** = 3 m | **600** = 6 m

## Profile R8 / R8\_bk Suspension profile for linear LED-technology



The suspension profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lamps, façade illumination, pendants.

It can be attached by using various mounting clips (Z25, Z25\_bk, Z51, Z54, Z54\_bk), mounting pin (Z46), suspension (Z20) or wire suspension (Z28). For an expansion one can use connectors (Z21).

Available covers:  
flat (C2, C11, C22, C23, C24) or U-shaped (C3).

Scale: 1:2



suitable covers			
C2	C3	C11	C22
C23	C24		
suitable endcaps			
Z7	Z7 bk		
suitable mounting material			
Z20	Z21	Z25	Z28
Z46	Z49	Z51	Z54
Z25 bk	Z49 bk	Z54 bk	

Article number	PA451DX00*	PB451DX00*
net weight [kg per linear meter]	0,280	0,280
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	20	20
dimensions wxhxl [mm]	25 x 17,5 x 2000*	25 x 17,5 x 2000*
length tolerances[ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R10**

**Wardrobe profile for linear LED-technology**

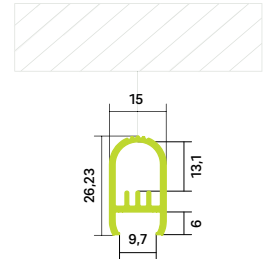


The wardrobe profile made of anodized aluminium is especially resistant to corrosion.

Useable for shop- and furniture lighting.

It can be attached by using wall mount (Z62)

Available covers:  
U-shaped (C1) or  
lenses (C9, C10)



Scale: 1:2



Article number	PA501CX00*
net weight [kg per linear meter]	0,323
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23,40 *10^-6
operating performance [w/m]	28
dimensions wxhxl [mm]	27 x 15 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

- suitable covers
  - C1
  - C9
  - C10
- suitable endcaps
  - Z10
- suitable mounting material
  - Z62

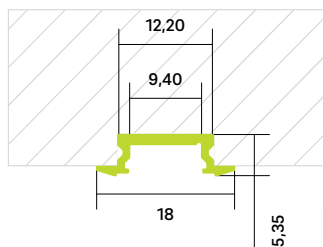
\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

Profile R11

Recessed profile for linear LED-technology



Scale: 1:1

The recessed profile made of anodized aluminium is especially resistant to corrosion.

Useable for built-in lights, shop-and furniture lighting.

It can be attached by using various mounting clips (Z24, Z50, Z53) or suspension (Z55).

Available covers: U-shaped (C1) or lenses (C9, C10)



suitable covers			
<b>C1</b>	<b>C9</b>	<b>C10</b>	
suitable endcaps			
<b>Z31</b>			
suitable mounting material			
<b>Z24</b>	<b>Z50</b>	<b>Z53</b>	<b>Z55</b>

Article number	PA202CX00*
net weight [kg per linear meter]	0,078
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10^-6
operating performance [w/m]	12
dimensions wxhxl [mm]	18 x 5,35 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R12**

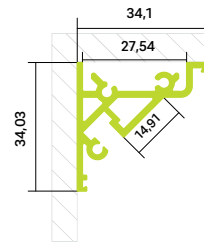
**Corner profile for linear LED-technology**

The corner profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lamps, wall lights, displays, signage.

It can be attached by using various mounting clips (Z26, Z52) or swing connector (Z56). For an expansion one can use connectors (Z21).

Available covers:  
flat (C6)



Scale: 1:2



CE F2

Article number	PA551FX00*
net weight [kg per linear meter]	0,542
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	30
dimensions wxhxl [mm]	34,1 x 34,1 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

- suitable covers
- C6**
- suitable endcaps
- Z11**
- suitable mounting material
- Z21** **Z26** **Z52** **Z56**

\*This article is available in the standard length of 2, 3 and 6 meter.

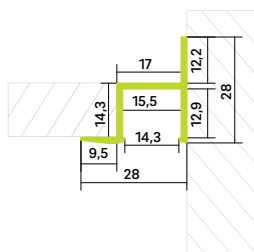
Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m



Profile R13

Corner profile for linear LED-technology



Scale: 1:2

The recessed profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lamps, built-in lamps, volute lamps.

Available covers: flat (C2, C11, C22, C23, C24) or U-shaped (C3)



Article number	PA552DX00*
net weight [kg per linear meter]	0,274
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	20
dimensions wxhxl [mm]	28 x 28 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R14**

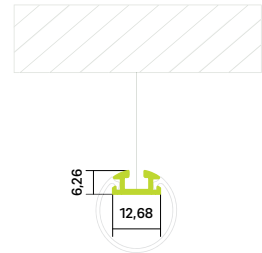
**Suspension profile / Round light,  
12,5mm**

The suspension profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lightnig, round light, wall light, signage, display illumination.

It can be attached by using various mounting clips (Z23), mounting pin (Z46), swing connector (Z20) or wire suspension (Z28). For an expansion one can use connectors (Z21).

Available covers:  
round (C7)



Scale: 1:2



Article number	PA601GX00*
net weight [kg per linear meter]	0,089
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10^-6
operating performance [w/m]	19
dimensions wxhxl [mm]	12,7 x 6,3 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

- suitable covers
- C7**
- suitable endcaps
- Z12**
- suitable mounting material
- Z20** **Z21** **Z23** **Z28**
- Z46**

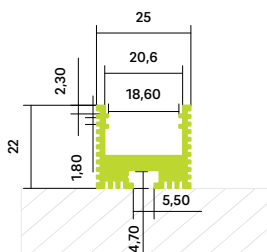
\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R15**

**Drivable surface mounted LED floor profile  
(extra stable)**



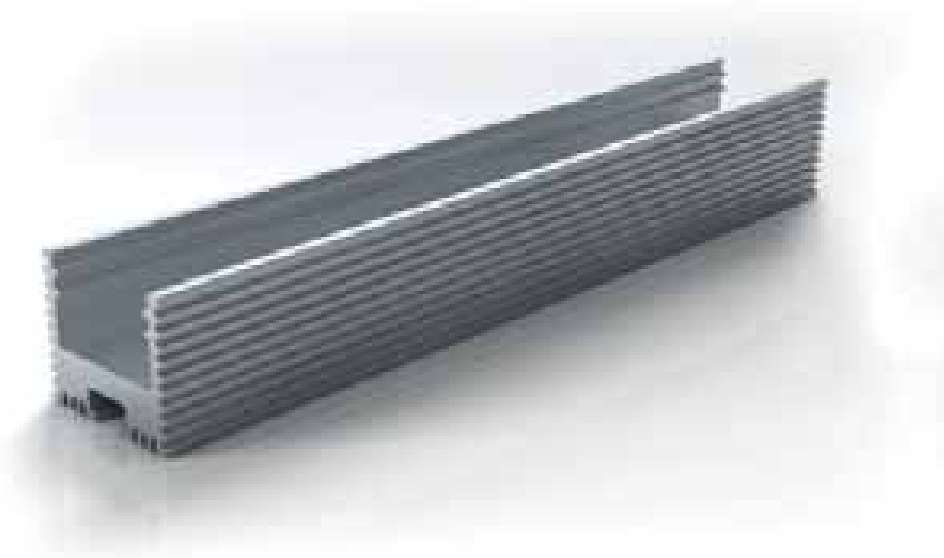
Scale: 1:2

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lamps, built-in lighting, floor lights, staircase lighting.

It can be attached by using a suspension (Z20), ground connector (Z27) or wire suspension (Z28). For an expansion one can use connectors (Z22).

Available covers: flat (C8).



suitable covers	
<b>C8</b>	
suitable endcaps	
<b>Z13</b>	
suitable mounting material	
<b>Z20</b>	<b>Z22</b> <b>Z27</b> <b>Z28</b>

Article number	PA651HX00*
net weight [kg per linear meter]	0,580
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10^-6
operating performance [w/m]	30
dimensions wxhxl [mm]	25 x 22 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R18**

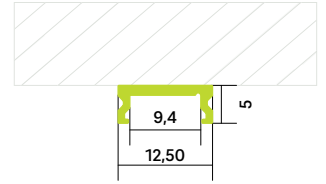
**Surface mounted profile for linear LED-technology**

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lightnig, furniture lighting, displays, signage.

It can be attached by using various mounting clips (Z24, Z50, Z53) swing connector (Z55).

Available covers: U-shaped (C1) or lenses (C9, C10)



Scale: 1:1



Article number	PA201CX00*
net weight [kg per linear meter]	0,066
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	12
dimensions wxhxl [mm]	12,5 x 5 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

suitable covers
C1 C9 C10
suitable endcaps
Z14 Z15
suitable mounting material
Z24 Z50 Z53 Z55

\*This article is available in the standard length of 2, 3 and 6 meter.

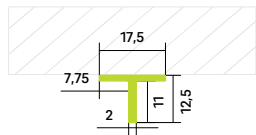
Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m



### Profile R19

## Flexible profile for linear LED-technology (bendable)



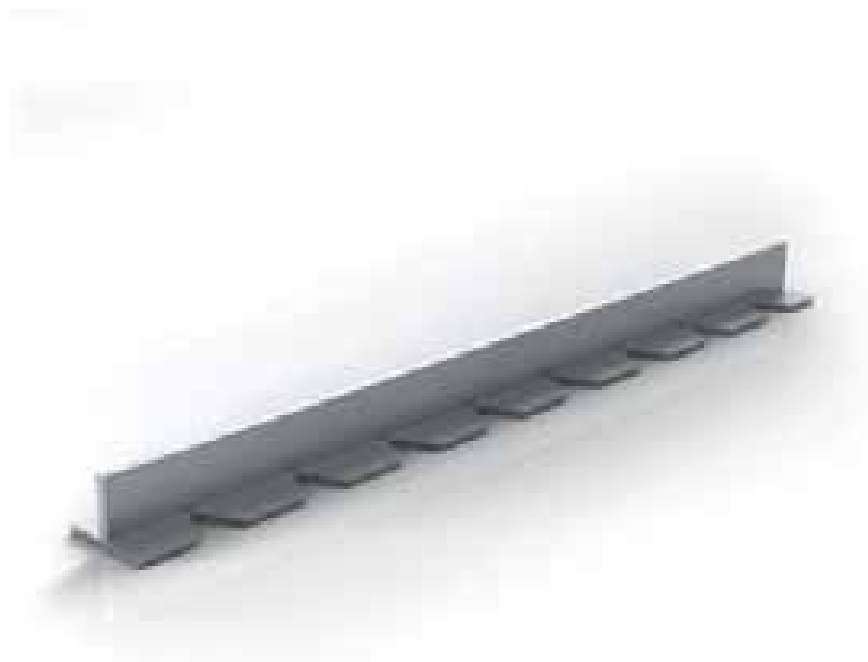
Scale: 1:2

The surface mounted profile is flexible and especially resistant to corrosion.

One can fasten it with a mounting clip (Z33) or conventional mounting material (screws).

Useable for illuminate curves (lamps, rondells, displays, signage).

bendable



suitable mounting material

**Z33**

Article number	PB401ZX00*
net weight [kg per linear meter]	0,13
surface colour	natural aluminium
surface finish	mill finish
coefficient of linear expansion [1/K]	23,40 *10^-6
operating performance [w/m]	12
dimensions wxhxl [mm]	17,5 x 12,5 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

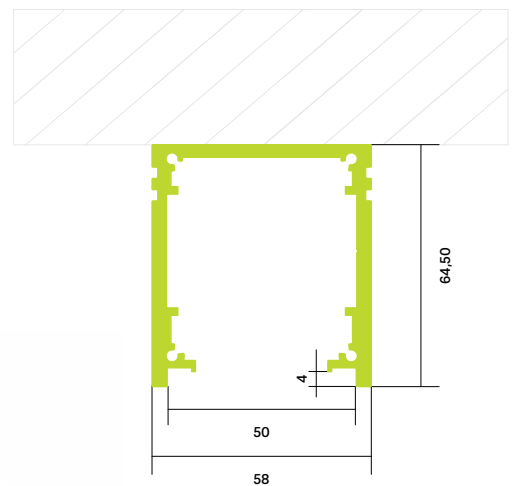
Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R20**

**Surface mounted profile for linear LED-technology**

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.



Scale: 1:2



Article number	PB911ZK00*
net weight [kg per linear meter]	2,15
surface colour	natural aluminium
surface finish	mill finish
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	60
dimensions wxhxl [mm]	58 x 64,5 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

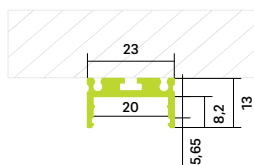
\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

Profile R26

Surface mounted profile for linear LED-technology



Scale: 1:2

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

Useable for façade illumination, wall lights, shop- and furniture lighting.

It can be attached by using various mounting clips (Z26, Z44, Z52, Z56), mounting bracket (Z30) or suspension (Z20). For an expansion one can use connectors (Z45).

Available covers:  
 flat (C14, C15)  
 curved (C4, C12)  
 U-shaped (C5) or  
 lenses (C13)



suitable covers			
C4	C5	C12	C13
C14	C15		
suitable endcaps			
Z3	Z6	Z34	
suitable mounting material			
Z20	Z26	Z30	Z44
Z45	Z52	Z56	

Article number	PA411EX00*
net weight [kg per linear meter]	0,267
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23,40 *10^-6
operating performance [w/m]	28
dimensions wxhxl [mm]	23 x 13 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R27**

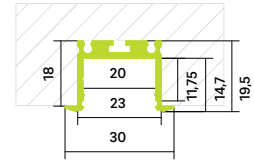
**Recessed profile for linear LED-technology**

The recessed profile made of anodized aluminium is especially resistant to corrosion.

Useable for façade illumination, built-in lamps, shop- and furniture lighting.

It can be attached by using various mounting clips (Z26, Z44, Z52, Z56), built-in spring (Z29), mounting bracket (Z30) or suspension (Z20). For an expansion one can use connectors (Z45).

Available covers:  
flat (C14, C15)  
curved (C4, C12)  
U-shaped (C5) or  
lenses (C13)



Scale: 1:2



Article number	PA412EX00*
net weight [kg per linear meter]	0,336
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	28
dimensions wxhxl [mm]	30 x 19,5 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

suitable covers

C4 C5 C12 C13

C14 C15

suitable endcaps

Z5 Z17 Z35

suitable mounting material

Z20 Z26 Z29 Z30

Z44 Z45 Z52 Z56

\*This article is available in the standard length of 2, 3 and 6 meter.

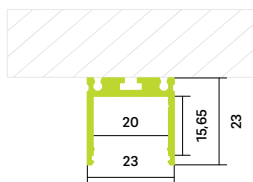
Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m



Profile R28

Surface mounted profile for linear LED-technology



Scale: 1:2

The surface mounted profile made of anodized aluminium is especially resistant to corrosion.

Useable for linear lamps, façade illumination, displays and signage.

It can be attached by using various mounting clips (Z26, Z44, Z52, Z56), mounting bracket (Z30) or suspension (Z20). For an expansion one can use connectors (Z45).

Available covers:  
 flat (C14, C15)  
 curvede (C4, C12)  
 U-shaped (C5) or  
 lenses (C13)



suitable covers			
C4	C5	C12	C13
C14	C15		
suitable endcaps			
Z8	Z9	Z36	
suitable mounting material			
Z20	Z26	Z30	Z44
Z45	Z52	Z56	

Article number	<b>PA461EX00*</b>
net weight [kg per linear meter]	0,348
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23,40 *10 <sup>-6</sup>
operating performance [w/m]	28
dimensions wxhxl [mm]	23 x 23 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R29**

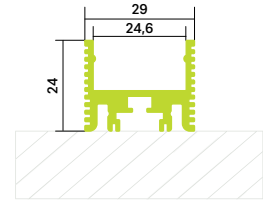
**Surface mounted and high performance profile for linear LED-technology  
max. 45 w/m**

The surface mounted and high performance profile made of anodized aluminium is especially resistant to corrosion.

Useable for façade illumination, wall lights, shop- and furniture lighting.

It can be attached by using various mounting clips (Z25, Z51), mounting bracket (Z30), mounting pin (Z46), or suspension (Z20) or wire suspension (Z28). For an expansion one can use connectors (Z21).

Available covers:  
flat (C18, C19)



Scale: 1:2



Article number	PA481KX00*
net weight [kg per linear meter]	0,578
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10^-6
operating performance [w/m]	45
dimensions wxhxl [mm]	29 x 24 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

suitable covers
C18 C19
suitable endcaps
Z39
suitable mounting material
Z20 Z21 Z25 Z28
Z30 Z46 Z51

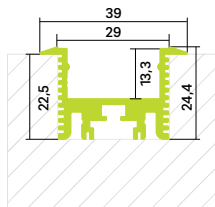
\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

Profile R30

Recessed and high performance profile for linear LED-technology  
max. 45 w/m



Scale: 1:2

The recessed and high performance profile made of anodized aluminium is especially resistant to corrosion.

Useable for façade illumination, built-in lights, shop- and furniture lighting.

It can be attached by using various mounting clips (Z25, Z51), Imounting bracket (Z30), mounting pin (Z46), built-in spring (Z29), suspension (Z20) or wire suspension (Z28). For an expansion one can use connectors(Z21).

Available covers:  
flat (C18, C19)



suitable covers			
<b>C18</b>	<b>C19</b>		
suitable endcaps			
<b>Z40</b>			
suitable mounting material			
<b>Z20</b>	<b>Z21</b>	<b>Z25</b>	<b>Z28</b>
<b>Z29</b>	<b>Z30</b>	<b>Z46</b>	<b>Z51</b>

Article number	PA482KX00*
net weight [kg per linear meter]	0,611
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23,40 *10^-6
operating performance [w/m]	45
dimensions wxhxl [mm]	39 x 24,4 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R31**

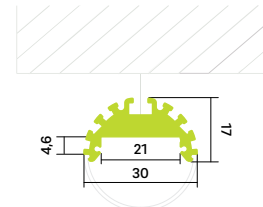
**Round light / Suspension profile for linear LED-technology  
30mm**

The suspension profile made of aluminium is especially resistant to corrosion.

Useable for façade illumination, built-in lights, shop- and furniture lighting.

It can be attached by using various mounting clips (Z23, Z43\_bk), mounting bracket (Z30), mounting pin (Z46), swing connector (Z20) or wire suspension (Z28). For an expansion one can use connectors (Z21).

Available covers:  
round (C20, C21)



Scale: 1:2



Article number	PA851LX00*
net weight [kg per linear meter]	0,537
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23.40 *10^-6
operating performance [w/m]	60
dimensions wxhxl [mm]	30 x 17 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

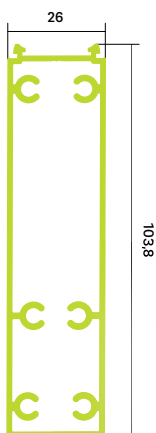
suitable covers			
C20	C21		
suitable endcaps			
Z41	Z42		
suitable mounting material			
Z20	Z21	Z23	Z28
Z30	Z43 bk	Z46	

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R32**  
 Frame profile for LED- technology



Scale: 1:2

Anodized aluminum, corrosion-resistant.  
 Useable for hanging lamp, shelf building,  
 frame building. Cover on request.



Article number	PA703ZX00*
net weight [kg per linear meter]	1,210
surface colour	natural aluminium
surface finish	anodized
coefficient of linear expansion [1/K]	23,40 *10 <sup>-6</sup>
operating performance [w/m]	50
dimensions wxhxl [mm]	26,0 x 103,8 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R33 / R33\_bk**

**Surface mounted profile for LED-technology,  
9 mm**

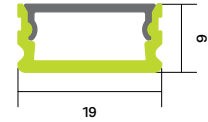
Surface mounted profile made of aluminium is especially resistant to corrosion.

Useable for dry wall construction, shop- and furniture lighting.

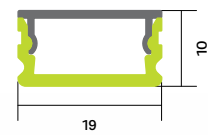
It can be attached by using various mounting clips (Z54, Z51, Z54\_bk).

Available covers:  
flat, classic (C16, C17, C25)  
flat, hidden inside the profile (C27, C28)

combination profile and cover  
hidden inside (see sketch)  
C27, C28



combination profile  
and classic cover  
C16, C17, C25



Scale: 1:1



Article number	PA704JX00	PB704JX00
net weight [kg per linear meter]	0,126	0,126
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	13	13
dimensions wxhxl [mm]	19 x 9 x 2000*	19 x 9 x 2000*
length tolerances [ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

suitable covers

C16 C17 C25 C27  
C28

suitable endcaps

Z57 Z59 Z57\_bk Z59\_bk

suitable mounting material

Z51 Z54 Z54\_bk

\*This article is available in the standard length of 2, 3 and 6 meter.

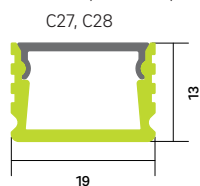
Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

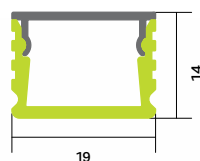
## Profile R34 / R34\_bk

### Surface mounted profile for LED-technology, 13 mm

combination profile and cover  
hidden inside (see sketch)



combination profile  
and classic cover  
C16, C17, C25



Scale: 1:1

Surface mounted profile made of aluminium is especially resistant to corrosion.

Useable for dry wall construction, shop- and furniture lighting.

It can be attached by using various mounting clips (Z51, Z54).

Available covers:  
flat, classic (C16, C17, C25)  
flat, hidden inside the profile (C27, C28)



suitable covers			
C16	C17	C25	C27
C28			
suitable endcaps			
Z58	Z60	Z58 bk	Z60 bk
suitable mounting material			
Z51	Z54	Z54 bk	

Article number	PA705JX00	PB705JX00
net weight [kg per linear meter]	0,166	0,166
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>	23.40 *10 <sup>-6</sup>
operating performance [w/m]	13	13
dimensions wxhxl [mm]	19 x 13 x 2000*	19 x 13 x 2000*
length tolerances [ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

**Profile R36**

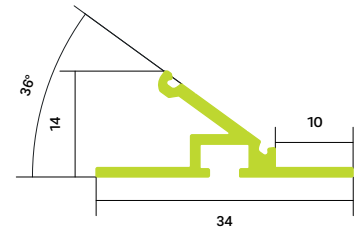
**Haunches profile, radiation angle 36°**

The haunches profile made of mill finish aluminium is especially resistant to corrosion.

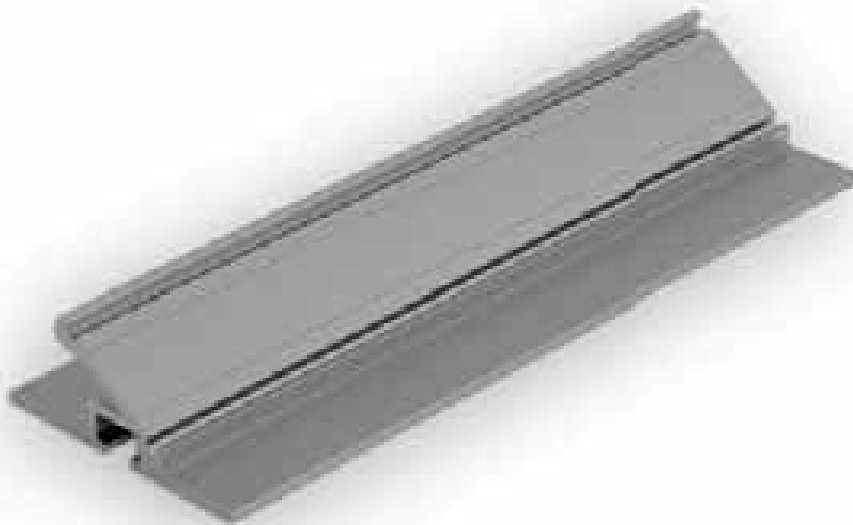
Useable for indirect lighting.

It can be attached by using mounting clip (Z23), mounting pin (Z46) or built-in spring (Z29). For an expansion one can use connectors (Z21).

Available covers:  
flat (C16, C17, C25)



Scale: 1:1



Article number	PB709JX00*
net weight [kg per linear meter]	0,219
surface colour	natural aluminium
surface finish	mill finish
coefficient of linear expansion [1/K]	23.40 *10 <sup>-6</sup>
operating performance [w/m]	30
dimensions wxhxl [mm]	34 x 14 x 2000*
length tolerances [ISO 2768-1]	medium
material	EN AW-6060 T66

suitable covers	
C16	C17 C25
suitable endcaps	
Z61	upon request
suitable mounting material	
Z21	Z23 Z29 Z46

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

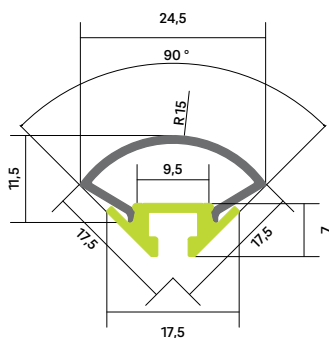
200 = 2 m | 300 = 3 m | 600 = 6 m





Profile R37 / R37\_bk

Corner- / Suspension profile, 90° illumination



Scale: 1:1

The Corner- & suspension profile made of aluminium is especially resistant to corrosion.

Usable for 90° illumination (All-round lighting).

It can be attached by using mounting pin (Z46) or wire suspension (Z28). For easy mounting drilling template purchasable (T2).

Available covers:  
round (C30, C31)



suitable covers	
<b>C30</b>	<b>C31</b>
suitable endcaps	
<b>Z63</b>	<b>Z63 bk</b>
suitable mounting material	
<b>Z28</b>	wire suspension
<b>Z46</b>	mounting pin
<b>T2</b>	Drilling template

Article number	PA681NX00*	PB681NX00*
net weight [kg per linear meter]	0,124	0,124
surface colour	natural aluminium	black
surface finish	anodized	anodized
coefficient of linear expansion [1/K]	23.40 *10^-6	23.40 *10^-6
operating performance [w/m]	15	15
dimensions wxhxl [mm]	17,5 x 7 x 2000*	17,5 x 7 x 2000*
length tolerances [ISO 2768-1]	medium	medium
material	EN AW-6060 T66	EN AW-6060 T66

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

# Care instructions for aluminium

You should enjoy the products of high quality for a long time - and you should know our care instructions.

## **Cleansing and care**

In order to preserve the lifetime and warranty claim, the right cleansing is required. Profiles of anodized aluminium do not need any special care, but should be cleaned regularly. Use a soft, slightly moist cloth or, in case of heavier contamination, a pulp of curd or soft soap, which can be washed off after a short exposure time.

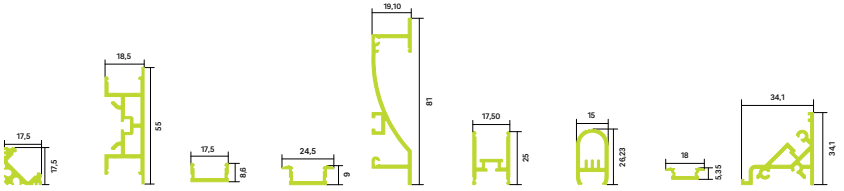





























Organic solvents such as spirit, benzine or nail polish remover are suitable for cleansing. Afterwards always rinse with clear, hot water.

**You must not use** abrasive detergents, scouring agents, steel wool or detergents which have a scratching effect.

## **Thermal expansion**

Please note that profiles made of aluminium can expand up to 0.5 mm per meter with a temperature difference of 20°C.



Cover	satiné	transparent	Day&Night (black)	lense									
					Profile R1	Profile R2 + R2_bk	Profile R3 + R3_bk	Profile R4 + R4_bk	Profile R6 + R6_bk	Profile R8 + R8_bk	Profile R10	Profile R11	Profile R12
C1		X									X	X	
C2		X			X	X	X	X	X	X			
C3		X			X	X	X	X	X	X			
C4		X											
C5		X											
C6		X											X
C7		X											
C8		X											
C9 (symetric)											X	X	
C10 (asymmetric)											X	X	
C11			X		X	X	X	X	X	X			
C12			X										
C13 (symetric)													
C14			X										
C15		X											
C16			X										
C17		X											
C18		X											
C19			X										
C20		X											
C21			X										
C22 (flexible)		X			X	X	X	X	X	X			
C23 (flexible)			X		X	X	X	X	X	X			
C24 (flexible)				X	X	X	X	X	X	X			
C25				X									
C27		X											
C28				X									
C30		X											
C31				X									

Profile R13	Profile R14	Profile R15	Profile R18	Profile R26	Profile R27	Profile R28	Profile R29	Profile R30	Profile R31	Profile R32	Profile R33 + R33_bk	Profile R34 + R34_bk	Profile R36	Profile R37 + R37_bk
			X											
X														
X														
				X	X	X								
				X	X	X								
	X													
		X												
			X											
			X											
X				X	X	X								
				X	X	X								
				X	X	X								
				X	X	X								
											X	X	X	
											X	X	X	
							X	X						
							X	X						
									X					
									X					
X														
X														
X														
											X	X	X	
											X	X		
											X	X		
														X
														X

# Perfect Illumination

## Covers and lenses

**Fits the project – and the profile**

RETONE'S covers and lenses are made in such a way that they perfectly fit the LED profiles. For easy handling, secure (re-) orders and fast availability in packaging units of 500, 1.000 and 1.500 units. Also small amounts are available..

**In all colours – according to your wishes**

For individual decors and exclusive concepts you can also get the lenses and covers in your predefined colours, so that illumination and architecture perfectly harmonize.





## Cover C1

### Satined U-shaped cover for aluminium profiles

The cover can be combined with the profiles R10, R11 and R18.

Article number	CS203CX00*
net weight [kg per linear meter]	0,033
radiation angle [degree]	170
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	67
dimensions wxhxl [mm]	12,5 x 8,8 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m

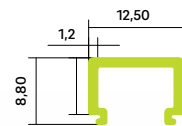
CE RoHS

suitable profiles

R10 R11 R18

suitable endcaps

Z15



Scale: 1:1



## Cover C2

### Satined cover for aluminium profiles

The cover can be combined with the profiles R1, R2, R2\_bk, R3, R3\_bk, R4, R4\_bk, R6, R6\_bk, R8, R8\_bk and R13.

Article number	CS301DX00*
net weight [kg per linear meter]	0,024
radiation angle [degree]	160
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	58
dimensions wxhxl [mm]	17,3 x 3,2 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m

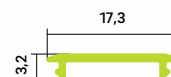
CE RoHS

suitable profiles

R1 R2 R3 R4 R6 R8 R13 R2\_bk R3\_bk R4\_bk R6\_bk R8\_bk

suitable endcaps

Z1 Z2 Z4 Z7 Z16 Z18 Z1\_bk Z4\_bk Z7\_bk Z16\_bk Z18\_bk



Scale: 1:1

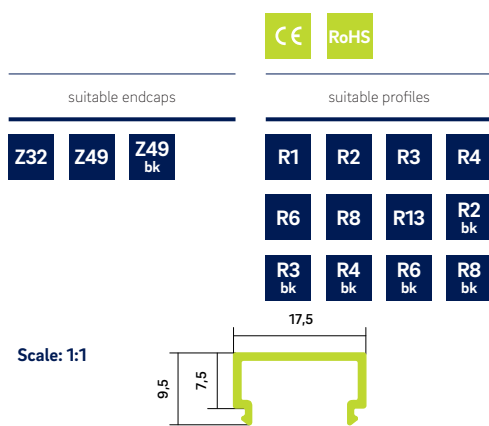




## Cover C3

## Satin U-shaped cover for aluminium profiles

The can be combined with the profiles R1, R2, R2\_bk, R3, R3\_bk, R4, R4\_bk, R6, R6\_bk, R8, R8\_bk and R13.



Article number	CS303DX00*
net weight [kg per linear meter]	0,044
radiation angle [degree]	170
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	65
dimensions wxhxl [mm]	17,5 x 9,5 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

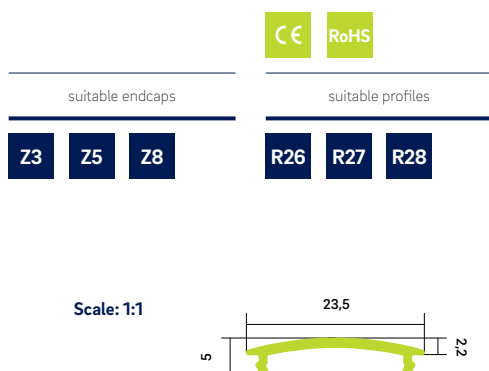
Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C4

## Satin cover for aluminium profiles, slightly curved

The cover can be combined with the profiles R26, R27 and R28.



Article number	CS401EX00*
net weight [kg per linear meter]	0,039
radiation angle [degree]	130
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	53
dimensions wxhxl [mm]	23,5 x 5 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C5

### Satined U-shaped cover for aluminium profiles

The cover can be combined with the profiles R26, R27 and R28.

Article number	CS403EX00*
net weight [kg per linear meter]	0,07
radiation angle [degree]	170
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	59
dimensions wxhxl [mm]	23 x 13,4 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m

CE RoHS

---

suitable profiles

R26 R27 R28

---

suitable endcaps

Z6 Z9 Z17



## Cover C6

### Satined L-shaped cover for aluminium profiles

The cover can be combined with the profile R12.

Article number	CS551FX00*
net weight [kg per linear meter]	0,094
radiation angle [degree]	180
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	73
dimensions wxhxl [mm]	33,8 x 33,8 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m

CE RoHS

---

suitable profiles

R12

---

suitable endcaps

Z11



## Cover C7

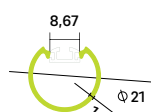
## Satined round cover for aluminium profiles

The cover can be combined with the profile R14.

suitable endcaps		suitable profiles	
Z12		R14	



Scale: 1:2



Article number	CS601G <sup>X00*</sup>
net weight [kg per linear meter]	0,065
radiation angle [degree]	240
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	66
dimensions wxhxl [mm]	∅21 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

**200** = 2 m | **300** = 3 m | **600** = 6 m

## Cover C8

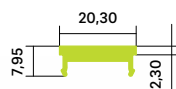
## Satinated cover for aluminium profiles

The flat cover can be combined with the profile R15.

suitable endcaps		suitable profiles	
Z13		R15	



Scale: 1:2



Article number	CS651H <sup>X00*</sup>
net weight [kg per linear meter]	0,103
radiation angle [degree]	160
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	53
dimensions wxhxl [mm]	20,3 x 8 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

**200** = 2 m | **300** = 3 m | **600** = 6 m

## Cover C9

### Linear lense 60°C for aluminium profiles

The cover can be combined with the profiles R10, R11 and R18.

Article number	CT201CX00*
net weight [kg per linear meter]	0,027
radiation angle [degree]	60
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	83
dimensions wxhxl [mm]	12,5 x 2,9 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m

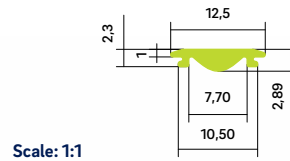


suitable profiles

suitable endcaps

**R10** **R11** **R18**

**Z10** **Z14** **Z31**



## Cover C10

### Asymmetrical lense 80/5° for aluminium profiles

The cover can be combined with the profiles R10, R11 and R18.

Article number	CT206CX00*
net weight [kg per linear meter]	0,065
radiation angle [degree]	80/5
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	86
dimensions wxhxl [mm]	13,5 x 8 x 2000
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



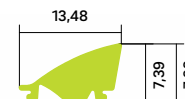
suitable profiles

suitable endcaps

**R10** **R11** **R18**

**Z14** **Z31**

Scale: 1:1



## Cover C11

## Transparent cover for aluminium profiles

The transparent covers can be combined with the profiles R1, R2, R2\_bk, R3, R3\_bk, R4, R4\_bk, R6, R6\_bk, R8, R8\_bk and R13.

suitable endcaps		suitable profiles			
Z1	Z2	R1	R2	R3	R4
Z16	Z18	R6	R8	R13	R2_bk
		R3_bk	R4_bk	R6_bk	R8_bk



Scale: 1:1



Article number	CT301DX00*
net weight [kg per linear meter]	0,024
radiation angle [degree]	160
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	88
dimensions wxhxl [mm]	17,3 x 3,2 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C12

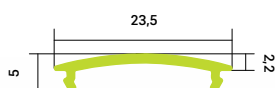
## Transparent cover for aluminium profiles, slightly curved

The cover can be combined with the profiles R26, R27 and R28.

suitable endcaps		suitable profiles		
Z3	Z5	R26	R27	R28



Scale: 1:1



Article number	CT401EX00*
net weight [kg per linear meter]	0,039
radiation angle [degree]	130
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	80
dimensions wxhxl [mm]	23,5 x 5 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C13

### Linear lense 40° for aluminium profiles

The cover can be combined with the profiles R26, R27 and R28.

Article number	CT406EX00*
net weight [kg per linear meter]	0,084
radiation angle [degree]	40
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	72
dimensions wxhxl [mm]	23,5 x 9,1 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

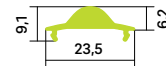
\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



suitable profiles



Scale: 1:2



## Cover C14

### Transparent, flat cover for aluminium profiles

The cover can be combined with the profiles R26, R27 and R28.

Article number	CT402EX00*
net weight [kg per linear meter]	0,039
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	90
dimensions wxhxl [mm]	23,5 x 6 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



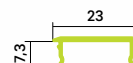
suitable profiles



suitable endcaps



Scale: 1:2



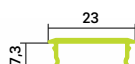
## Cover C15

## Satinated, flat cover for aluminium profiles

The cover can be combined with profiles R26, R27 and R28.

suitable endcaps			suitable profiles		
Z34	Z35	Z36	R26	R27	R28

Scale: 1:2



Article number	CS402EX00*
net weight [kg per linear meter]	0,039
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	54
dimensions wxhxl [mm]	23,5 x 6 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

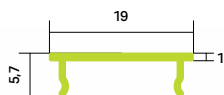
## Cover C16

## Transparent, flat cover for aluminium profiles

The cover can be combined with profiles R33, R33\_bk, R34, R34\_bk and R36.

suitable endcaps		suitable profiles		
Z57	Z58	R33	R34	R36
Z57 bk	Z58 bk	R33 bk	R34 bk	

Scale: 1:1



Article number	CT701JX00*
net weight [kg per linear meter]	0,031
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	90
dimensions wxhxl [mm]	19 x 5,7 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C17

### Satined, flat cover for aluminium profiles

The cover can be combined with the profiles R33, R33\_bk, R34, R34\_bk and R36.

Article number	CS701JX00*
net weight [kg per linear meter]	0,031
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	54
dimensions wxhxl [mm]	19 x 5,7 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



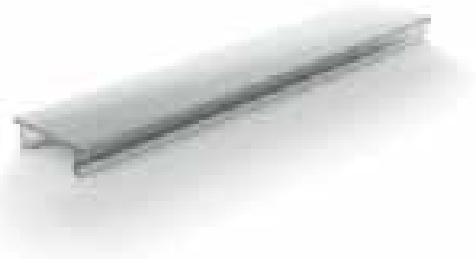
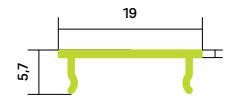
suitable profiles



suitable endcaps



Scale: 1:1



## Cover C18

### Satined, flat cover for high performance aluminium profiles

The cover can be combined with the high performance aluminium profiles R29 and R30.

Article number	CS481KX00*
net weight [kg per linear meter]	0,051
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	54
dimensions wxhxl [mm]	29 x 7,4 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



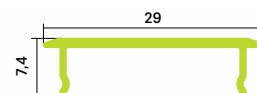
suitable profiles



suitable endcaps



Scale: 1:1





## Cover C19

## Transparent, flat cover for high performance aluminium profiles

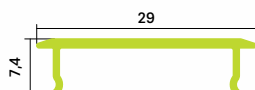
The cover can be combined with the high performance aluminium profiles R29 and R30.



suitable endcaps		suitable profiles	
Z39	Z40	R29	R30

Article number	CT481KX00*
net weight [kg per linear meter]	0,051
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	90
dimensions wxhxl [mm]	29 x 7,4 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

Scale: 1:1



\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C20

### Satined round cover for aluminium profiles

The cover can be combined with the profile R31.

Article number	CS851LX00*
net weight [kg per linear meter]	0,057
radiation angle [degree]	180
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	72
dimensions wxhxl [mm]	30 x 15 x 2000*
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



suitable profiles

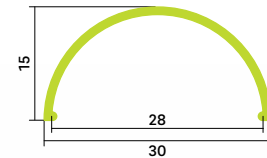
suitable endcaps

**R31**

**Z41**

**Z42**

Scale: 1:1



## Cover C21

### Transparent round cover for aluminium profiles

The cover can be combined with the profile R31.

Article number	CT851LX00*
net weight [kg per linear meter]	0,057
radiation angle [degree]	180
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	90
dimensions wxhxl [mm]	30 x 15 x 2000*
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



suitable profiles

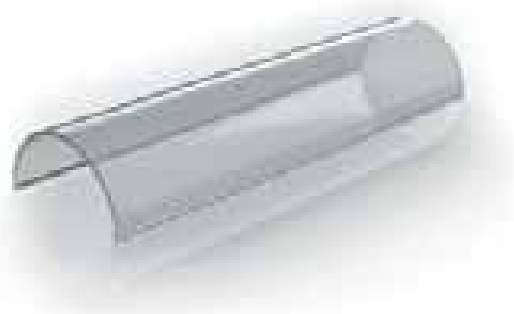
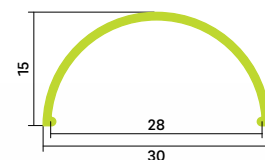
suitable endcaps

**R31**

**Z41**

**Z42**

Scale: 1:1



# RETONE FLEX – the flexible cover evolution!

Coextrusion of PC and TPE elevates our flexible covers to new technical heights.



The design of our revolutionary *FLEX*-cover guaranties problem free mounting and dismantling even at low temperatures.



This is achieved by our TPE Coextrusion which creates a highly flexible sealing lip (see illustration).



*RETONE FLEX* solves any previous problems in regards to brittleness and breakability.



Available for the profiles R1, R2, R3, R4, R6, R8, and R13. Orders of coils up to a maximum length of 80 meter are possible.



## Cover C22

### Satined *FLEX*-cover for aluminium profiles (flexible)

The flat *FLEX*-cover can be combined with the profiles R1, R2, R2\_bk, R3, R3\_bk, R4, R4\_bk, R6, R6\_bk, R8, R8\_bk and R13.



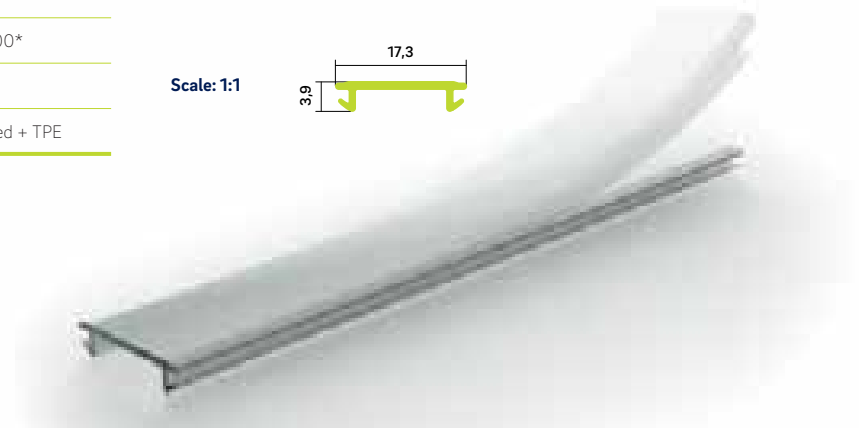
Article number	CS321DX00*
net weight [kg per linear meter]	0,028
radiation angle [degree]	160
continuous use temperature [°C]	-30 bis +90
expansion to the direction of flow [10 <sup>-4</sup> /K]	65
degree of transmission [%]	53
dimensions wxhxl [mm]	17,3 x 3,2 x 2000*
length tolerances [ISO 2768-1]	medium
material	PC-UV-stabilized + TPE



suitable profiles				suitable endcaps			
R1	R2	R3	R4	Z1	Z2	Z4	Z7
R6	R8	R13	R2_bk	Z16	Z18	Z1_bk	Z4_bk
R3_bk	R4_bk	R6_bk	R8_bk	Z7_bk	Z16_bk	Z18_bk	



\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
200 = 2 m | 300 = 3 m | 600 = 6 m | 8000 = to 80 m (on coil)



## Cover C23

### Transparent *FLEX*-cover for aluminium profiles (flexible)

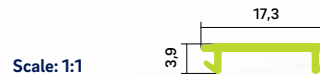
The flat *FLEX*-cover can be combined with the profiles R1, R2, R2\_bk, R3, R3\_bk, R4, R4\_bk, R6, R6\_bk, R8, R8\_bk and R13.



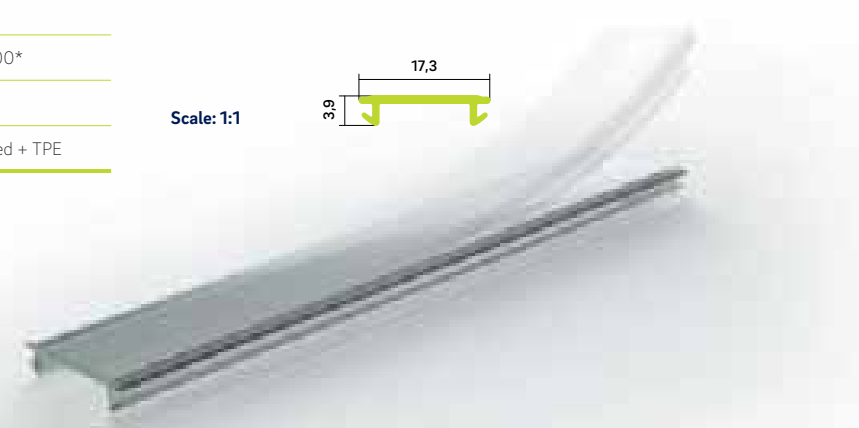
Article number	CT321DX00*
net weight [kg per linear meter]	0,028
radiation angle [degree]	160
continuous use temperature [°C]	-30 bis +90
expansion to the direction of flow [10 <sup>-4</sup> /K]	65
degree of transmission [%]	88
dimensions wxhxl [mm]	17,3 x 3,2 x 2000*
length tolerances [ISO 2768-1]	medium
material	PC-UV-stabilized + TPE



suitable profiles				suitable endcaps			
R1	R2	R3	R4	Z1	Z2	Z4	Z7
R6	R8	R13	R2_bk	Z16	Z18	Z1_bk	Z4_bk
R3_bk	R4_bk	R6_bk	R8_bk	Z7_bk	Z16_bk	Z18_bk	



\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
200 = 2 m | 300 = 3 m | 600 = 6 m | 8000 = to 80 m (on coil)



## Cover C24

### Day&Night FLEX-cover for aluminium profiles (flexible)

The flat FLEX-cover can be combined with the profiles R1, R2, R2\_bk, R3, R3\_bk, R4, R4\_bk, R6, R6\_bk, R8, R8\_bk and R13.



<b>Article number</b>	<b>CB321DX00</b>
net weight [kg per linear meter]	0,028
radiation angle [degree]	160
continuous use temperature [°C]	-30 bis +90
expansion to the direction of flow [ $10^{-4}/K$ ]	65
degree of transmission [%]	25
Abmessungen [bxhxl]	17,3 x 3,2 x 2000*
length tolerances [ISO 2768-1]	medium
material	PC-UV-stabilized + TPE

suitable profiles				suitable endcaps			
R1	R2	R3	R4	Z1	Z2	Z4	Z7
R6	R8	R13	R2_bk	Z16	Z18	Z1_bk	Z4_bk
R3_bk	R4_bk	R6_bk	R8_bk	Z7_bk	Z16_bk	Z18_bk	



\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m | **8000** = to 80 m (on coil)

unlighted Day&Night FLEX-cover

## RETONE Day&Night

The special colouration for our satinated PC. Due to its excellent light dispersion it is the ideal solution for highest customer demands.



illuminated Day&Night FLEX-cover

## Cover C25

### Flat Day&Night cover for aluminium profiles

The cover can be combined with the profiles R33, R33\_bk, R34, R34\_bk and R36.



Article number	CB701JX00
net weight [kg per linear meter]	0,031
radiation angle [degree]	160
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	25
Abmessungen [bxhxl]	19 x 5,7 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



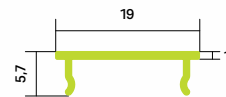
suitable profiles



suitable extras



Scale: 1:1



## Cover C27

### Satined cover for aluminium profiles - hidden inside the profile

The cover can be combined with the profiles R33, R33\_bk, R34 and R34\_bk.

Article number	CS702JX00*
net weight [kg per linear meter]	0,028
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	54
dimensions wxhxl [mm]	17,3 x 4,7 x 2000*
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.  
Ending of order number depends on the required length:  
**200** = 2 m | **300** = 3 m | **600** = 6 m



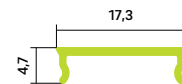
suitable profiles



suitable extras



Scale: 1:1



## Cover C28

## Day&amp;Night cover for aluminium profiles - hidden inside the profile

The cover can be combined with the profiles R33, R33\_bk, R34 and R34\_bk.



suitable extras		suitable profiles	
Z59	Z60	R33	R34
Z59 bk	Z60 bk	R33 bk	R34 bk

Scale: 1:1



Article number	CB702JX00*
net weight [kg per linear meter]	0,028
radiation angle [degree]	-
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> -6/K]	80
degree of transmission [%]	25
dimensions wxhxl [mm]	17,3 x 4,7 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant

\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

# Care instructions for acryl glass and PMMA

You should enjoy the products of high quality for a long time - and you should know our care instructions.

## Cleansing and care

The smooth surfaces should be cleaned with water and a small amount of washing-up liquid. Use a lint-free cloth. Do not only clean with a dry cloth! In case of heavy contamination you can use isopropyl or benzene-free cleaning alcohol.

**Suitable for cleansing** are amongst others chamois leather, tea towels made of cotton, soft, damp and lint-free cloth, shower wipers with a soft rubber lip and a damp viscose sponge.

**You must not use** detergents which have a scratching effect.

## Thermal expansion

Please note that covers can expand up to 1.4 mm per meter with a temperature difference of 20°C.

## Cover C30

### Satined round cover for aluminium profiles, 90° illumination

The cover can be combined with the profiles R37 and R37\_bk.

Article number	CS681NX00
net weight [kg per linear meter]	0,055
radiation angle [degree]	90
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	53
Abmessungen [bxhxl]	24,5 x 11,5 x 2000*
length tolerances [ISO 2768-1]	medium
material	PMMA shock-resistant



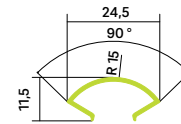
suitable profiles



suitable extras



Scale: 1:2



\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

## Cover C31

### Day&Night round cover for aluminium profiles, 90° illumination

The cover can be combined with the profiles R37 and R37\_bk.

Article number	CB681NX00*
net weight [kg per linear meter]	0,055
radiation angle [degree]	90
continuous use temperature [°C]	-40 bis +75
expansion to the direction of flow [10 <sup>-6</sup> /K]	80
degree of transmission [%]	25
dimensions wxhxl [mm]	24,5 x 11,5 x 2000*
material	PMMA shock-resistant



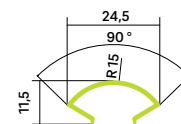
suitable profiles



suitable extras



Scale: 1:2



\*This article is available in the standard length of 2, 3 and 6 meter.

Ending of order number depends on the required length:

200 = 2 m | 300 = 3 m | 600 = 6 m

unlit Day&Night cover



# RETONE MEX

***Experience the innovation from RETONE Leading Profiles.***

*RETONE MEX* Endless System is a flexible aluminum-plastic profile system with a wide range of customized cover profiles and accessories. The system offers lighting planners, architects and specialist retailers maximum design options for their lighting solutions. *RETONE MEX* is a unique system on the LED market due to its complexity and technological know-how. The simplest assembly options, maximum flexibility and precision down to the smallest detail - Made in Germany - these are the strengths of our patented *RETONE MEX* Endless System. Request the catalog now!

[www.retone.de](http://www.retone.de)

# Everything that goes with it

## Suitable extras

## for easy installation

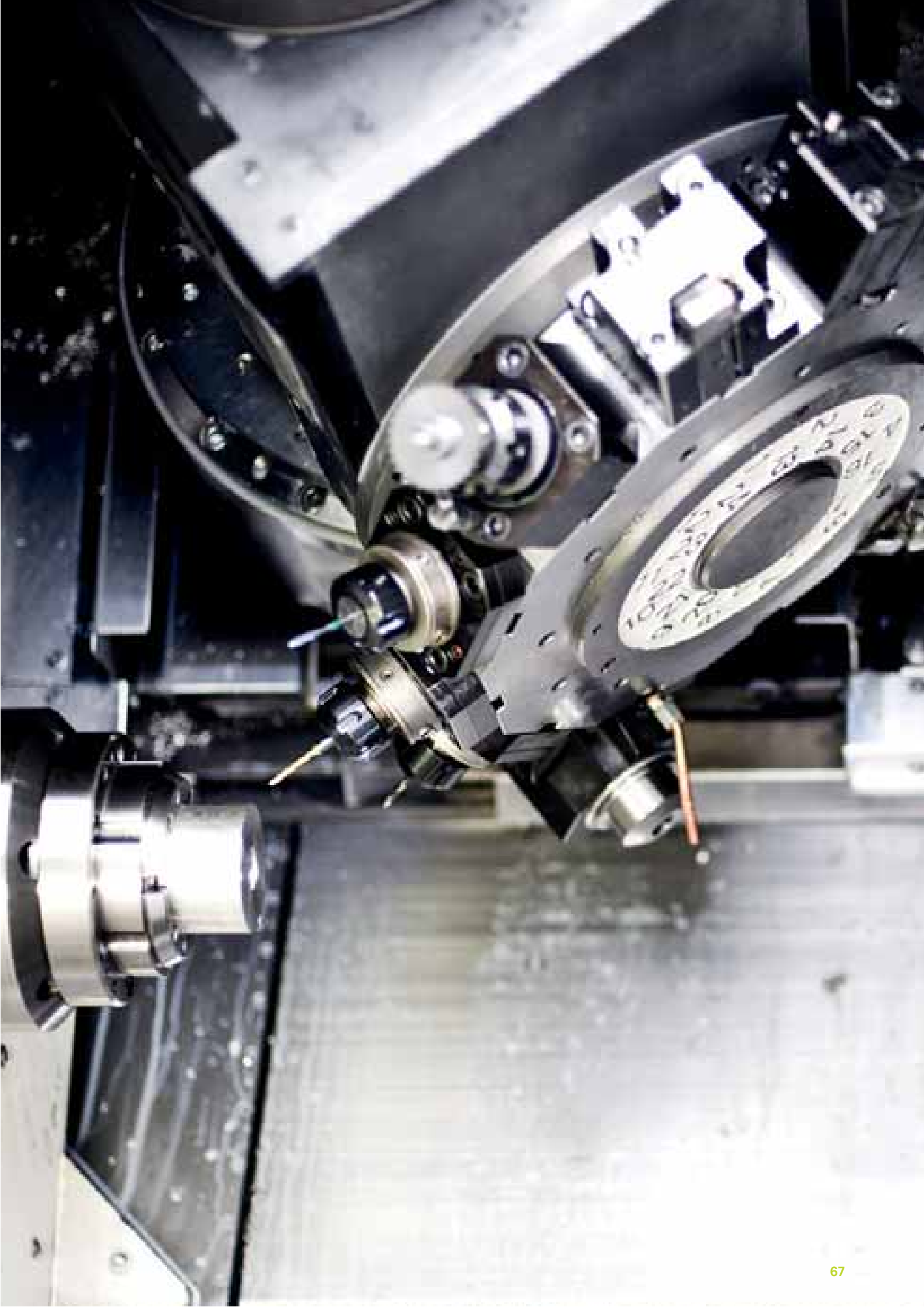
### Small things for the big picture

Often it is the small things that account for a perfect LED illumination.

RETONE´S endcaps, mounting clips, swivel- or linear connectors:

All of these make our modular construction system so flexible.

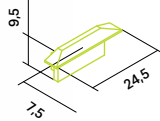




## Z1 / Z1\_bk

### Endcap made of blasted/anodized aluminium

Suitable for profiles R4 and R4\_bk in combination with covers C2, C11, C22, C23 and C24.



Scale: 1:2

Article number	LA302DX00	LA302DXB0
net weight [kg per piece]	0,001	0,001
material	blasted aluminium	anodized aluminium black



suitable profiles



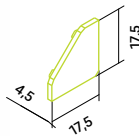
suitable covers



## Z2

### Endcap made of blasted aluminium

Suitable for profile R1 in combination with covers C2, C11, C22, C23 und C24.



Scale: 1:2

Article number	LA311DX00
net weight [kg per piece]	0,001
material	blasted aluminium



suitable profiles



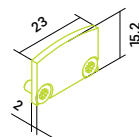
suitable covers



## Z3

### Endcap made of blasted aluminium

Suitable for profile R26 in combination with covers C4, C12 and C13.



Scale: 1:2

Article number	LA401EZUS
net weight [kg per piece]	0,003
material	blasted aluminium



suitable profiles



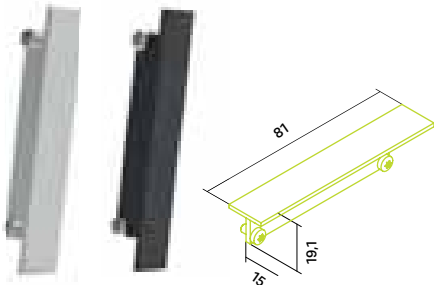
suitable covers



## Z4 / Z4\_bk

### Endcap made of anodized aluminium

Suitable for profiles R6 and R6\_bk in combination with covers C2, C3, C11, C22, C23 and C24.



Scale: 1:2

Article number	LA402DX00	LA402DXB0
net weight [kg per piece]	0,011	0,011
material	anodized aluminium	anodized aluminium black



suitable profiles



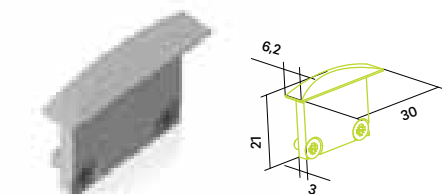
suitable covers



## Z5

### Endcap made of blasted aluminium

Suitable for profile R27 in combination with covers C4, C12 and C13.



Scale: 1:2

Article number	LA402EZUS
net weight [kg per piece]	0,005
material	blasted aluminium



suitable profiles



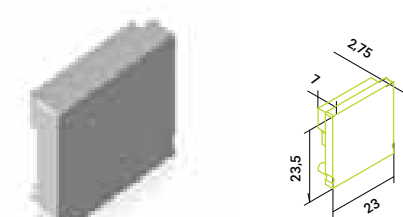
suitable covers



## Z6

### Endcap made of blasted aluminium

Suitable for profile R26 in combination with cover C5.



Scale: 1:2

Article number	LA403EX00
net weight [kg per piece]	0,008
material	blasted aluminium



suitable profiles



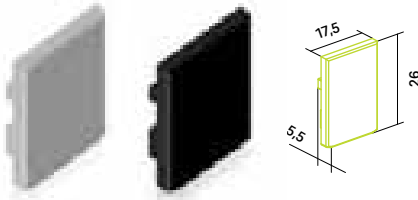
suitable covers



## Z7 / Z7\_bk

### Endcap made of blasted/anodized aluminium

Suitable for profiles R8 and R8\_bk in combination with covers C2, C11, C22, C23 and C24.



Scale: 1:2

Article number	LA451DX00	LA451DXB0
net weight [kg per piece]	0,003	0,003
material	blasted aluminium	anodized aluminium black

CE RoHS

suitable profiles

**R8** **R8 bk**

suitable covers

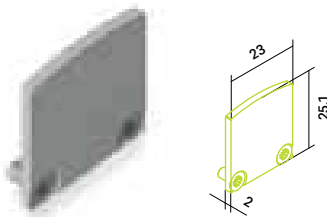
**C2** **C11** **C22** **C23**

**C24**

## Z8

### Endcap made of blasted aluminium

Suitable for profile R28 in combination with covers C4, C12 and C13.



Scale: 1:2

Article number	LA451EZUS
net weight [kg per piece]	0,004
material	blasted aluminium

CE RoHS

suitable profiles

**R28**

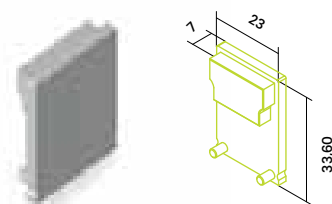
suitable covers

**C4** **C12** **C13**

## Z9

### Endcap made of blasted aluminium

Suitable for profile R28 in combination with cover C5.



Scale: 1:2

Article number	LA453EX00
net weight [kg per piece]	0,009
material	blasted aluminium

CE RoHS

suitable profiles

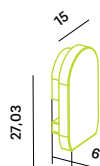
**R28**

suitable covers

**C5**

**Z10****Endcap made of blasted aluminium**

Suitable for profile R10 in combination with cover C10.



Scale: 1:2

<b>Article number</b>	<b>LA501CX00</b>
net weight [kg per piece]	0,005
material	blasted aluminium



suitable profiles

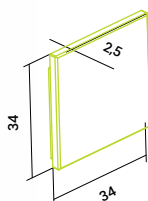
**R10**

suitable covers

**C9**

**Z11****Endcap made of blasted aluminium**

Suitable for profile R12 in combination with cover C6.



Scale: 1:2

<b>Article number</b>	<b>LA551FX00</b>
net weight [kg per piece]	0,009
material	blasted aluminium



suitable profiles

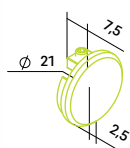
**R12**

suitable covers

**C6**

**Z12****Endcap made of anodized aluminium**

Suitable for profile R14 in combination with cover C7.



Scale: 1:2

<b>Article number</b>	<b>LA601GZUS</b>
net weight [kg per piece]	0,004
material	anodized aluminium



suitable profiles

**R14**

suitable covers

**C7**

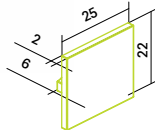
## Z13

### Endcap made of blasted aluminium

Suitable for profile R15 in combination with cover C8.



Scale: 1:2



<b>Article number</b>	<b>LA651HX00</b>
net weight [kg per piece]	0,005
material	blasted aluminium



suitable profiles

**R15**

suitable covers

**C8**

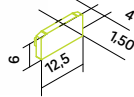
## Z14

### Endcap made of POM

Suitable for profile R18 in combination with covers C9 and C10.



Scale: 1:2



<b>Article number</b>	<b>LP201CX00</b>
net weight [kg per piece]	0,0002
material	POM white



suitable profiles

**R18**

suitable covers

**C9**

**C10**

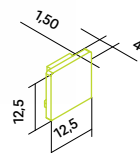
## Z15

### Endcap made of blasted aluminium

Suitable for profile R18 in combination with covers C1.



Scale: 1:2



<b>Article number</b>	<b>LA203CX00</b>
net weight [kg per piece]	0,001
material	blasted aluminium



suitable profiles

**R18**

suitable covers

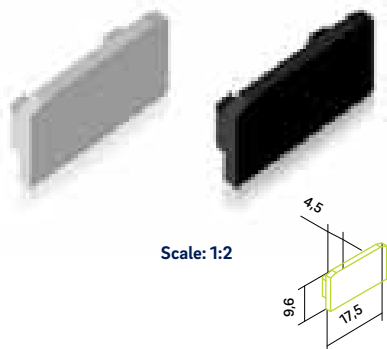
**C1**



## Z16 / Z16\_bk

### Endcap made of POM

Suitable for profiles R3 and R3\_bk in combination with covers C2, C11, C22, C23 and C24.



Article number	LP301DX00	LP301DXB0
net weight [kg per piece]	0,0005	0,0005
material	POM white	POM black



suitable covers



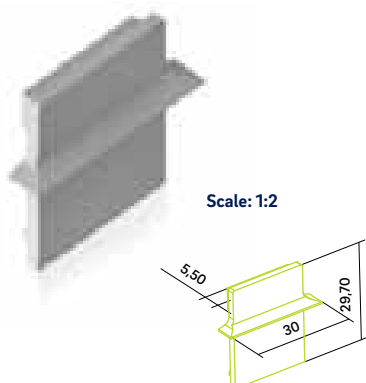
suitable covers



## Z17

### Endcap made of POM

Suitable for profile R27 in combination with cover C5.



Article number	LP403EX00
net weight [kg per piece]	0,003
material	POM white



suitable profiles



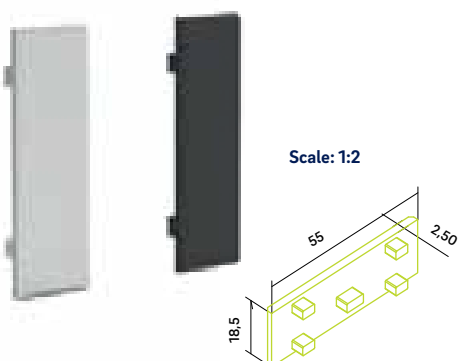
suitable covers



## Z18 / Z18\_bk

### Endcap made of blasted/anodized aluminium

Suitable for profiles R2 and R2\_bk in combination with covers C2, C3, C11, C22, C23 and C24.



Article number	LA401DX00	LA401DXB0
Net weight [kg per piece]	0,003	0,003
material	blasted aluminium	anodized aluminium black



suitable profiles



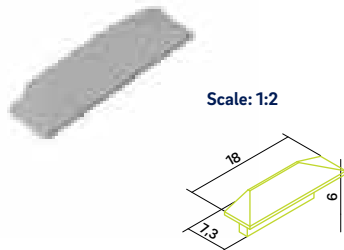
suitable covers



## Z31

### Endcap made of blasted aluminium

Suitable for profile R11 in combination with covers C9 and C10.



<b>Article number</b>	<b>LA202CX00</b>
net weight [kg per piece]	0,0006
material	blasted aluminium

CE RoHS

suitable profiles

**R11**

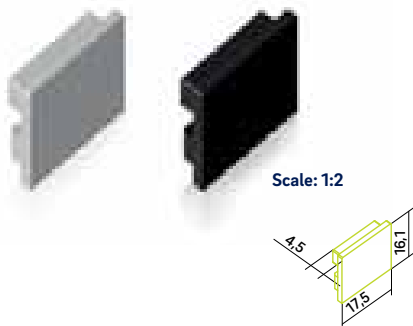
suitable covers

**C9 C10**

## Z32 / Z32\_bk

### Endcap made of blasted/anodized aluminium

Suitable for profiles R3 and R3\_bk in combination with covers C3.



Article number	LA303DX00	LA303DXB0
net weight [kg per piece]	0,002	0,002
material	blasted aluminium	anodized aluminium black

CE RoHS

suitable profiles

**R3 R3 bk**

suitable covers

**C3**

## Z34

### Endcap made of blasted aluminium

Suitable for profile R26 in combination with covers C14 and C15.



<b>Article number</b>	<b>LA411EZUS</b>
net weight [kg per piece]	0,005
material	blasted aluminium

CE RoHS

suitable profiles

**R26**

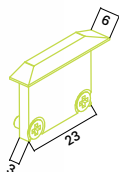
suitable covers

**C14 C15**

**Z35****Endcap made of blasted aluminium**

Suitable for profile R27 in combination with covers C14 and C15.

<b>Article number</b>	<b>LA412EZUS</b>
net weight [kg per piece]	0,008
material	blasted aluminium



Scale: 1:2

CE RoHS

suitable profiles

**R27**

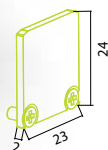
suitable covers

**C14 C15**

**Z36****Endcap made of blasted aluminium**

Suitable for profile R28 in combination with covers C14 und C15.

<b>Article number</b>	<b>LA461EZUS</b>
net weight [kg per piece]	0,003
material	blasted aluminium



Scale: 1:2

CE RoHS

suitable profiles

**R28**

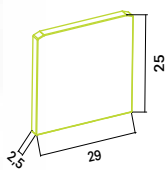
suitable covers

**C14 C15**

**Z39****Endcap made of blasted aluminium**

Suitable for profile R29 in combination with covers C18 and C19.

<b>Article number</b>	<b>LA481KX00</b>
net weight [kg per piece]	0,004
material	blasted aluminium



Scale: 1:2

CE RoHS

suitable profiles

**R29**

suitable covers

**C18 C19**

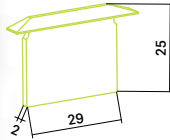
## Z40

### Endcap made of blasted aluminium

Suitable for profile R30 in combination with covers C18 and C19.



<b>Article number</b>	<b>LA482KX00</b>
net weight [kg per piece]	0,009
material	blasted aluminium



Scale: 1:2



suitable profiles

**R30**

suitable covers

**C18**

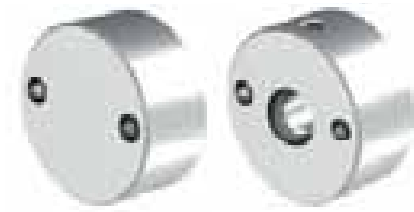
**C19**

## Z41 / Z42

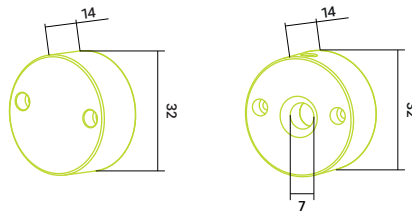
### Endcap made of anodized aluminium

With or without hole.  
Suitable for profile R31 in combination with covers C20 and C21.

with hole



	with hole	
<b>Article number</b>	<b>LA851LX00</b>	<b>LA851LX0B</b>
Net weight [kg per piece]	0,012	0,010
material	anodized aluminium	anodized aluminium



Scale: 1:2



suitable profiles

**R31**

suitable covers

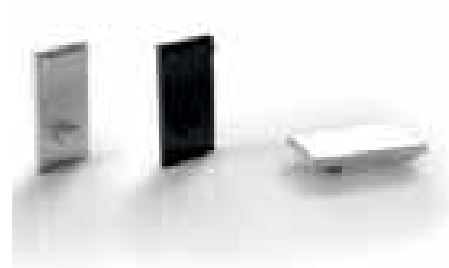
**C20**

**C21**

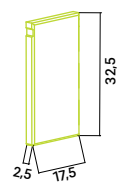
## Z49 / Z49\_bk

### Endcap made of blasted/anodized aluminium

Suitable for profiles R8 and R8\_bk in combination with cover C3.



<b>Article number</b>	<b>LA453DX00</b>	<b>LA453DXB0</b>
net weight [kg per piece]	0,003	0,003
material	blasted aluminium	anodized aluminium black



Scale: 1:2



suitable profiles

**R8**

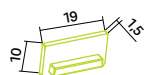
**R8  
bk**

suitable covers

**C3**

**Z57 / Z57\_bk****Endcap made of POM**

Suitable for profiles R33 and R33\_bk in combination with covers C16, C17 and C25.



Scale: 1:2

Article number	LP704JX00	LP704JXB0
net weight [kg per piece]	0,0005	0,0005
material	POM white	POM black



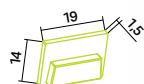
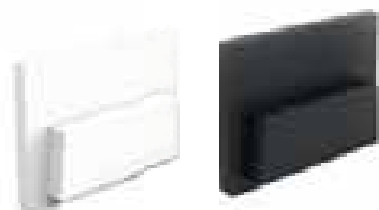
suitable profiles



suitable covers

**Z58 / Z58\_bk****Endcap made of POM**

Suitable for profiles R34 and R34\_bk in combination with covers C16, C17 and C25.



Scale: 1:2

Article number	LP705JX00	LP705JXB0
net weight [kg per piece]	0,0007	0,0007
material	POM white	POM black



suitable profiles



suitable covers

**Z59 / Z59\_bk****Endcap made of POM**

Suitable for profiles R33 and R33\_bk in combination with covers C27 and C28.



Scale: 1:2

Article number	LP714JX00	LP714JXB0
net weight [kg per piece]	0,0005	0,0005
material	POM white	POM black



suitable profiles



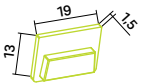
suitable covers



## Z60 / Z60\_bk

### Endcap made of POM

Suitable for profiles R34 and R34\_bk in combination with covers C27 and C28.



Scale: 1:2

Article number	LP715JX00	LP715JXB0
net weight [kg per piece]	0,0007	0,0007
material	POM white	POM black



suitable profiles



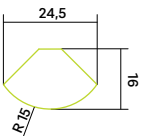
suitable covers



## Z63 / Z63\_bk

### Endcap made of anodized aluminium

Suitable for profiles R37 and R37\_bk in combination with covers C30 and C31.



Scale: 1:2

Article number	LA681NX00	LA681NXB0
net weight [kg per piece]	0,003	0,003
material	anodized aluminium	anodized aluminium black



suitable profiles



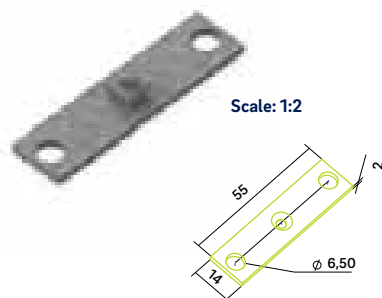
suitable covers



### Z27

#### Ground connector made of galvanized steel

Suitable for profile R15.



<b>Article number</b>	<b>MS651HZUS</b>
net weight [kg per piece]	0,011
material	galvanized steel

CE RoHS

suitable profiles

**R15**

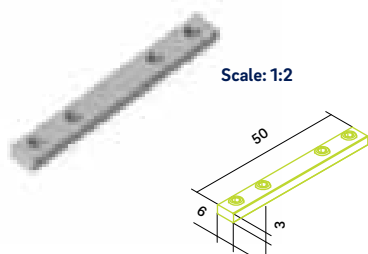
suitable covers

**C8**

### Z21

#### Linear connector made of aluminium

Suitable for profiles R2, R2\_bk, R6, R6\_bk, R8, R8\_bk, R12, R14, R29, R30, R31 and R36.



<b>Article number</b>	<b>MA101ZZUS</b>
net weight [kg per piece]	0,002
material	blasted aluminium

CE RoHS

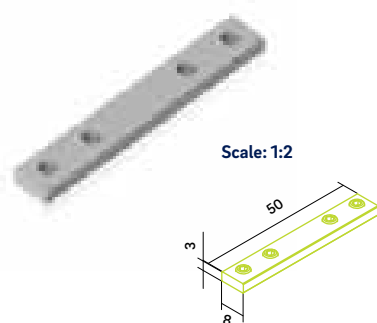
suitable profiles

- R2**
- R6**
- R8**
- R12**
- R14**
- R29**
- R30**
- R31**
- R36**
- R2 bk**
- R6 bk**
- R8 bk**

### Z22

#### Linear connector made of aluminium

Suitable for profile R15.



<b>Article number</b>	<b>MA102ZZUS</b>
net weight [kg per piece]	0,003
material	blasted aluminium

CE RoHS

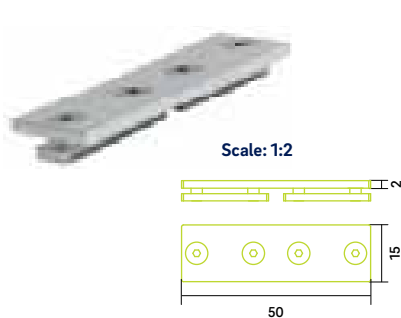
suitable profiles

**R15**

### Z45

#### Linear connector made of aluminium

Suitable for profiles R26, R27 and R28.



<b>Article number</b>	<b>MA104ZZUS</b>
Net weight [kg per piece]	0,0064
material	blasted aluminium

CE RoHS

suitable profiles

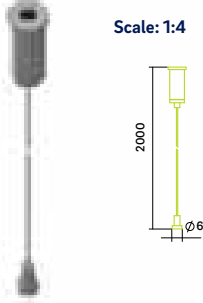
- R26**
- R27**
- R28**



**Z28**

**Wire suspension**

Wire suspension (2 pieces), including ceiling mounting M8 x 1, 0,8 mm corrosion-resistant steel cable galvanized, wire length = 2m.



Article number	MA103ZZUS
net weight [kg per piece]	0,065
maximum workload [kg per set]*	30
wire length [m]	2
Diameter rope [mm]	1,2
material	galvanized steel

\* bei fachgerechter Anwendung

CE RoHS

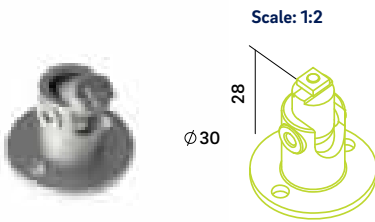
suitable profiles

R2	R8	R12	R14
R15	R29	R30	R31
R37	R2 <sub>bk</sub>	R8 <sub>bk</sub>	R37 <sub>bk</sub>

**Z20**

**Swing connector 0–90°**

Suitable for profiles R2, R2\_bk, R8, R8\_bk, R14, R15, R27, R26, R28, R29, R30 and R31.



Article number	MA100ZZUS
net weight [kg per piece]	0,012
material	anodized aluminium

CE RoHS

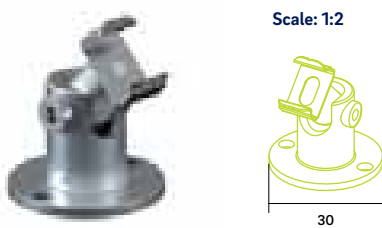
suitable profiles

R2	R8	R14	R15
R26	R27	R28	R29
R30	R31	R2 <sub>bk</sub>	R8 <sub>bk</sub>

**Z55**

**Swing connector 0–90° with mounting clip Z24**

Suitable for profiles R11 and R18.



Article number	MA201ZZUS
net weight [kg per piece]	0,013
material	aluminium + 1.4310

CE RoHS

suitable profiles

R11	R18
-----	-----

**Z56**

**Swing connector 0–90° with mounting clip Z26**

Suitable for profiles R2, R2\_bk, R12, R26, R27 and R28.



Article number	MA401ZZUS
net weight [kg per piece]	0,014
material	aluminium + 1.4310

CE RoHS

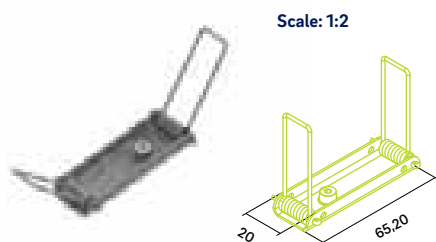
suitable profiles

R2	R12	R26	R27
R28	R2 <sub>bk</sub>		



**Z19****Built-in spring for recess profile**

Suitable for profiles R6 and R6\_bk.



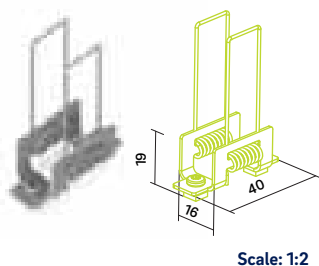
<b>Article number</b>	<b>MS401DZUS</b>
net weight [kg per piece]	0,026
material	galvanized steel



suitable profiles

**Z29****Built-in spring for the built-in profile**

Suitable for profiles R27, R30 and R36.  
Mounting plate incl. 2 swing springs for easy mounting.



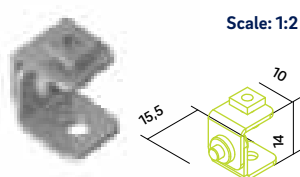
<b>Article number</b>	<b>MI402EZUS</b>
net weight [kg per piece]	0,011
material	galvanized steel



suitable profiles

**Z30****Mounting bracket 0–90°**

Suitable for profiles R26, R27, R28, R29, R30 and R31.



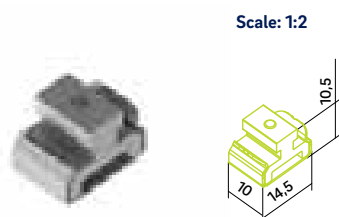
<b>Article number</b>	<b>MI450ZZUS</b>
net weight [kg per piece]	0,005
material	galvanized steel



suitable profiles

**Z23****Mounting clip made of blasted aluminium**

Suitable for profiles R6, R6\_bk, R14, R31 and R36.



<b>Article number</b>	<b>MA601GZUS</b>
net weight [kg per piece]	0,003
material	blasted aluminium



suitable profiles



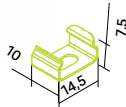
## Z24

### Mounting clip made of austenitic steel

Suitable for profiles R11 and R18.



Scale: 1:2



Article number	MI201ZX00
net weight [kg per piece]	0,001
material	steel



suitable profiles



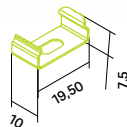
## Z25 / Z25\_bk

### Mounting clip made of austenitic steel

Suitable for profiles R1, R3, R3\_bk, R4, R4\_bk, R8, R8\_bk R29 and R30.



Scale: 1:4



Article number	MI301ZX00	MI301ZXB0
net weight [kg per piece]	0,0012	0,0012
material	Stahl	blackened steel



suitable profiles



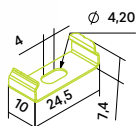
## Z26

### Mounting clip made of austenitic steel

Suitable for profiles R2, R2\_bk, R12, R26, R27 and R28.



Scale: 1:2



Article number	MI401ZX00
net weight [kg per piece]	0,0014
material	steel

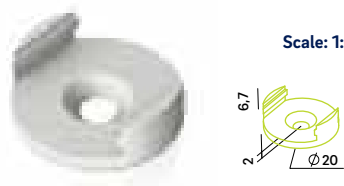


suitable profiles



**Z33****Mounting clip made of POM**

Suitable for profile R19.



Scale: 1:2

<b>Article number</b>	<b>MP302ZX00</b>
net weight [kg per piece]	0,0012
material	POM white

CE RoHS

suitable profiles

**R19**

**Z43\_bk****Mounting clip made of POM**

Retaining clip suitable for profile R31.



Scale: 1:4

<b>Article number</b>	<b>MP851LXB0</b>
net weight [kg per piece]	0,0012
material	POM black

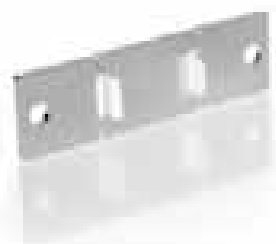
CE RoHS

suitable profiles

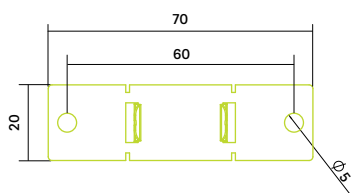
**R31**

**Z44****MULTI PLUG Mounting clip**

Multi-clip for many applications.  
angle range: -90 +170 degree (free selectable)  
packaging unit: 2 pieces  
Suitable for profiles R26, R27 and R28.



Scale: 1:2



<b>Article number</b>	<b>MI421ZX00</b>
Nettogewicht [kg pro Set]	0,016
material	galvanized steel

CE RoHS

suitable profiles

**R26 R27 R28**

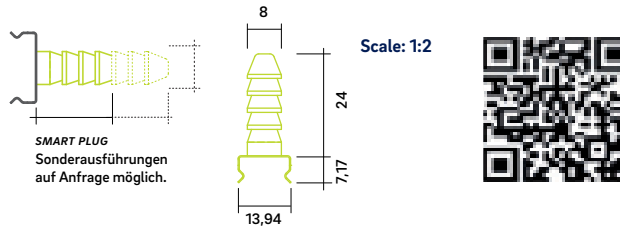
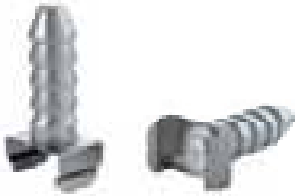


Application examples for **MULTI PLUG Mounting clip**

**Z50**

**SMARTPLUG Mounting clip**

Suitable for profiles R11 and R18.



<b>Article number</b>	<b>MI210ZX00</b>
net weight [kg per piece]	0,0037
material	1.4310 + aluminium



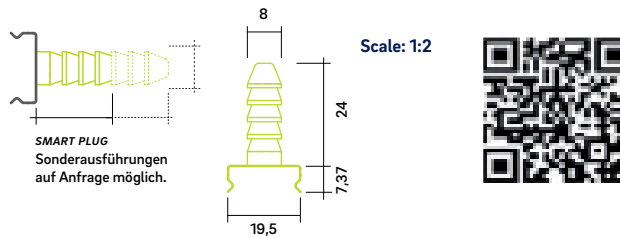
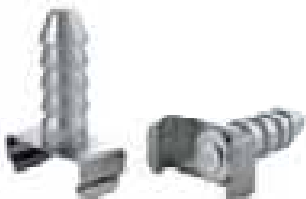
suitable profiles



**Z51**

**SMARTPLUG Mounting clip**

Suitable for profiles R1, R3, R3\_bk, R4, R4\_bk, R8, R8\_bk, R29, R33, R33\_bk, R34 and R34\_bk.



<b>Article number</b>	<b>MI310ZX00</b>
net weight [kg per piece]	0,0043
material	1.4310 + aluminium



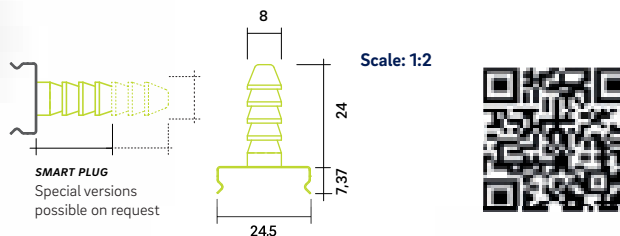
suitable profiles



**Z52**

**SMARTPLUG Mounting clip**

Suitable for profiles R2, R2\_bk, R12, R26, R27 and R28.



<b>Article number</b>	<b>MI410ZX00</b>
net weight [kg per piece]	0,0067
material	1.4310 + aluminium



suitable profiles



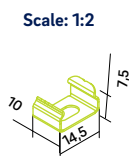
Application examples for  
**SMART PLUG Mounting clip**



## Z53

### SOFT CLICK Mounting clip made of austenitic steel

Suitable for profiles R11 and R18.



<b>Article number</b>	<b>MI211ZX00</b>
net weight [kg per piece]	0,001
material	steel



suitable profiles



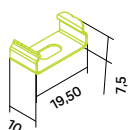
## Z54 / Z54\_bk

### SOFT CLICK Mounting clip made of austenitic steel

Suitable for profiles R1, R3, R3\_bk, R4, R4\_bk, R8, R8\_bk, R33, R33\_bk, R34 and R34\_bk.



Scale: 1:2



Article number	MI311ZX00	MI311ZXB0
net weight [kg per piece]	0,0012	0,0012
material	steel	blackened steel



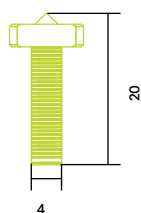
suitable profiles



## Z46

### Mounting pin

Suitable for profiles R37 and R37\_bk.



Scale: 1:1

<b>Article number</b>	<b>MS681NX00</b>
net weight [kg per piece]	0,0035
material	steel + aluminium



suitable profiles



## T2

### Drilling template

Suitable for profiles R37 and R37\_bk.

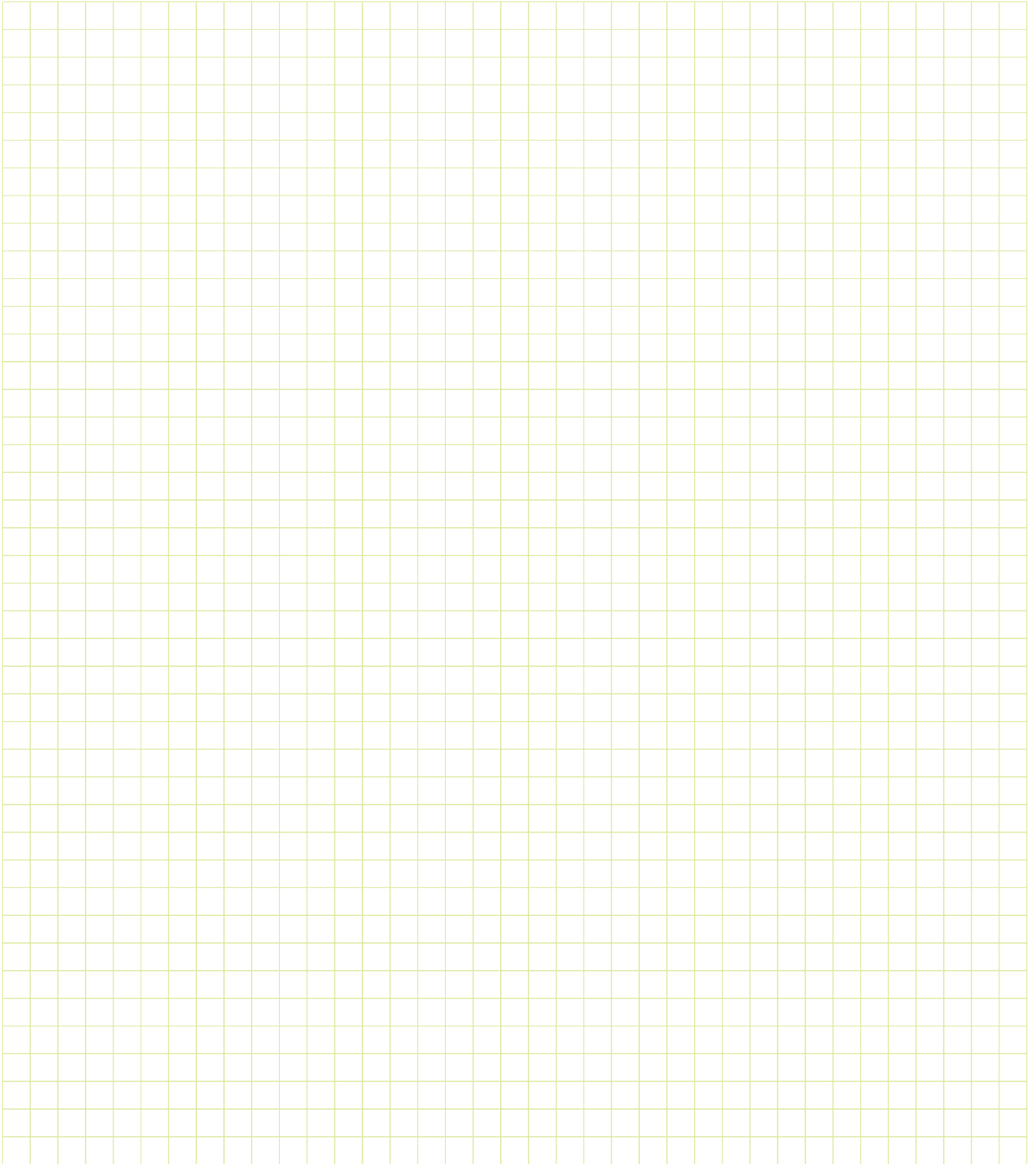


<b>Article number</b>	<b>MT681NX00</b>
net weight [kg per piece]	0,155
material	aluminium + HC



suitable profiles





**Impressum:** © 2024 *RETONE®* Industries GmbH, Inzell, Germany · Responsible for the content: Alfons Plereiter, Michaela Keilhofer Conception, text, layout: Chytra-Egger Artdepartment, [www.chytra-egger.at](http://www.chytra-egger.at), Bergheim/Salzburg & [www.inspiranto.com](http://www.inspiranto.com), Dominik Mayer, Salzburg · Photos: Chris Rogl, Adobe Stockphotos, Symbolfotos · 3D renderings: Roger William, [www.williamdesign.de](http://www.williamdesign.de), Munich · Image editing: Marcel Chytra-Egger, revision & printing: Mirela Danzer, MDesign Grabenstädt. The technical information in this catalog corresponds to the status at the time of printing and was determined to the best of our knowledge. Still keep it We are prepared for errors and misprints. The information about our products serves as a more detailed description of the item, but is not guaranteed Properties according to §459 BGB, if they are not expressly designated as such. We reserve the right for changes in favor of technical progress. Illustrations / Drawings: All photos, graphics and line drawings of the catalog are subject to copyright. Our general terms and conditions of business and delivery apply, which can be downloaded from [www.retone.de](http://www.retone.de) can be visited. Printing and typesetting errors reserved.



**RETONE<sup>®</sup>**

**RETONE<sup>®</sup> Industries GmbH**

Traunsteiner Straße 150

83334 Inzell/Germany

**T** +49 (0) 866 599 99 690

**F** +49 (0) 866 599 99 699

office@retone.de

**www.retone.de**