



LED Extrusions

*LED Fixtures
accessories*

Perfiles LED

*luminarias LED
accesorios*

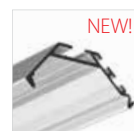
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5B

KLUŠ Inspiring
Solutions



LED EXTRUSIONS / PERFIL LED

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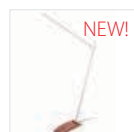


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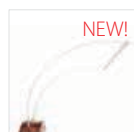
LED LIGHTING FIXTURES / LÁMPARA



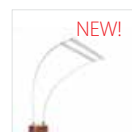
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128



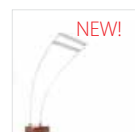
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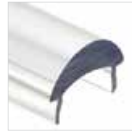
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HOUSE WITHOUT BULBS

In 2006 the KLUS Company team developed and manufactured a new fixture system – profiles. The new lighting system facilitated and popularized a number of applications that require compact lighting solutions.

LED profiles are designed to be mounted into elements applied in: interior design, architecture, furniture, scenography, advertisement, industrial design, exhibits (shop displays, museum exhibits etc.). KLUS Company continuously develops and improves new LED lighting system solutions.

In 2009 the company designed, financed and built the first building that is lit exclusively with LEDs – so called “House without bulbs”.

LED lighting is highly energy efficient which qualifies it for recognition as an environment friendly product under the Environment Protection Programs.

UNA CASA SIN BOMBILLAS

En 2006 la firma KLUS, desarrolló y fabricó un nuevo sistema de fijación de luminarias mediante perfiles. Este nuevo sistema de iluminación facilita la instalación en aplicaciones que requieren soluciones en lugares compactos.

Los perfiles para LED, están diseñados para ser montados en aplicaciones como: diseño de interiores, arquitectura, mobiliario, escenografía, publicidad, diseño industrial, escaparates, exposiciones en museos, etc. KLUS está en continuo desarrollo y buscando nuevas soluciones para la mejora de sistemas de iluminación LED.

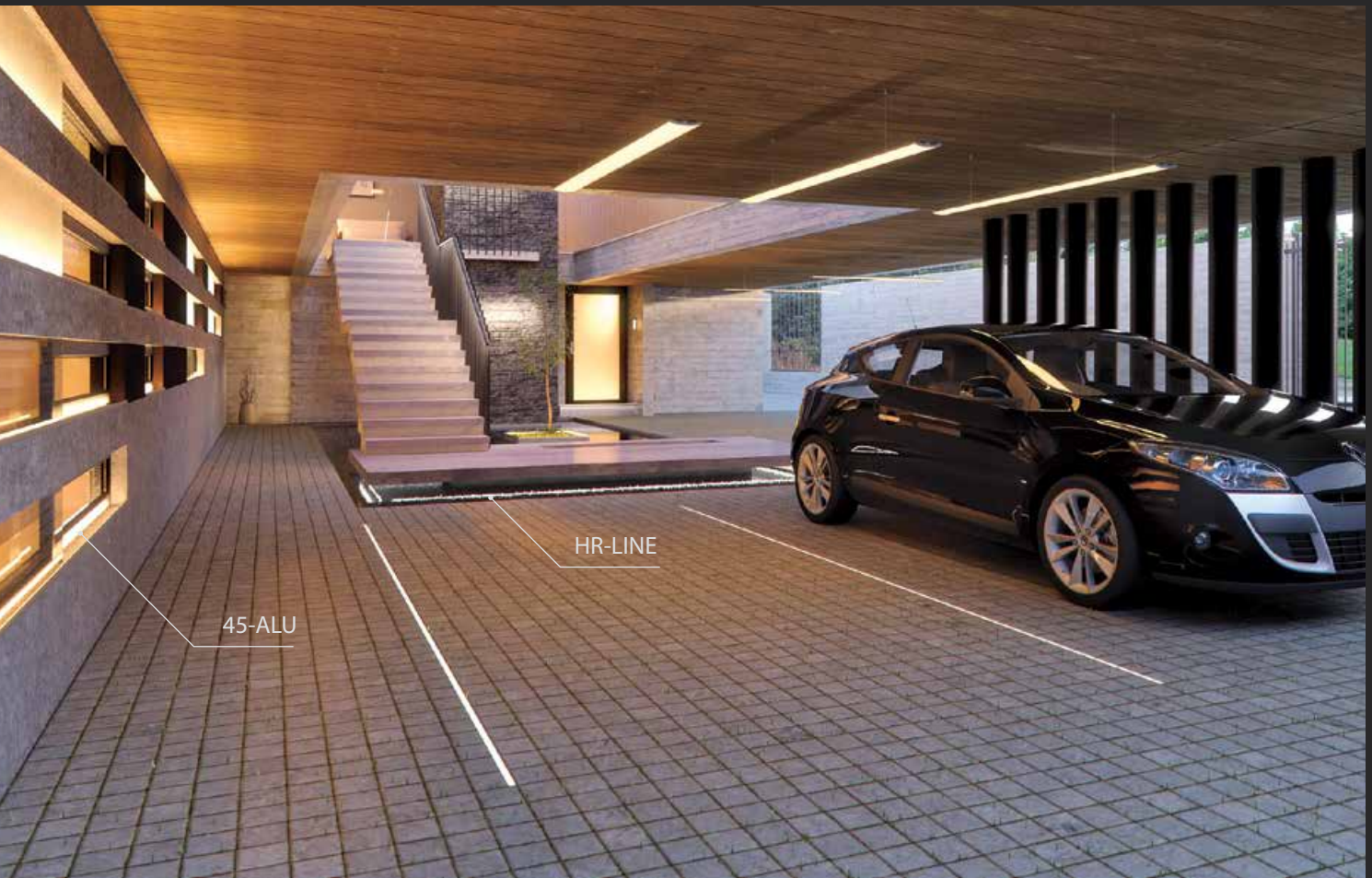
En 2009, KLUS, diseñó, financió y construyó, el primer edificio exclusivamente con LEDs, la llamada „Casa sin bombillas”.

TRIADA

STEP

GIP





PDS4-ALU





LED lighting fixtures installed by Corish Electric, 2012.



45-ALU
IP67



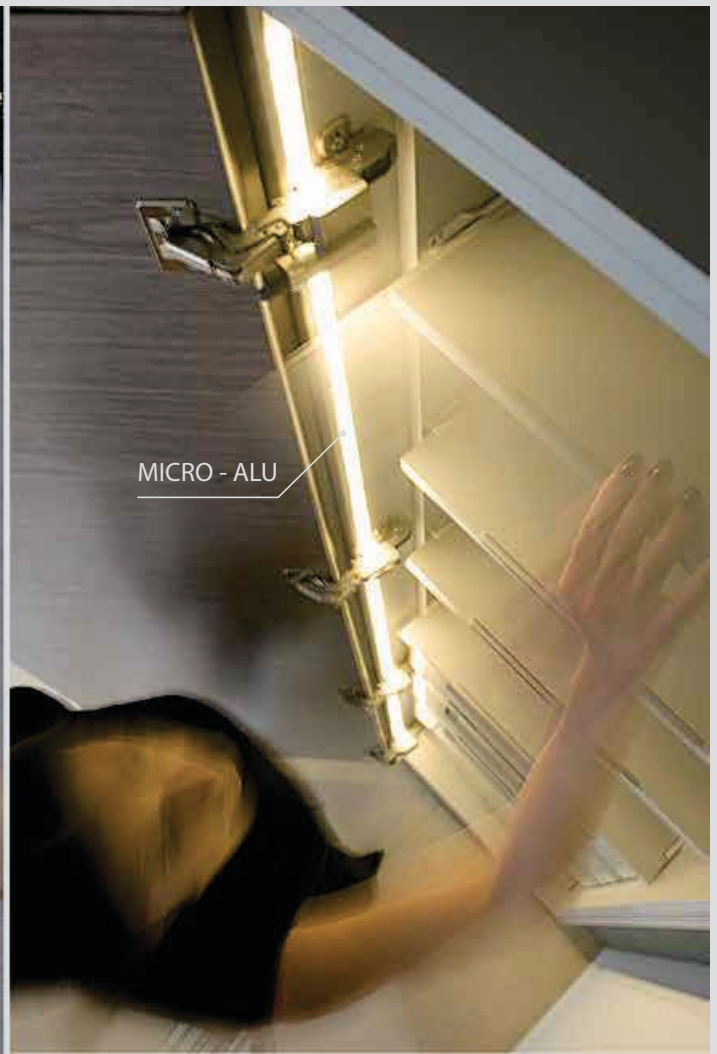
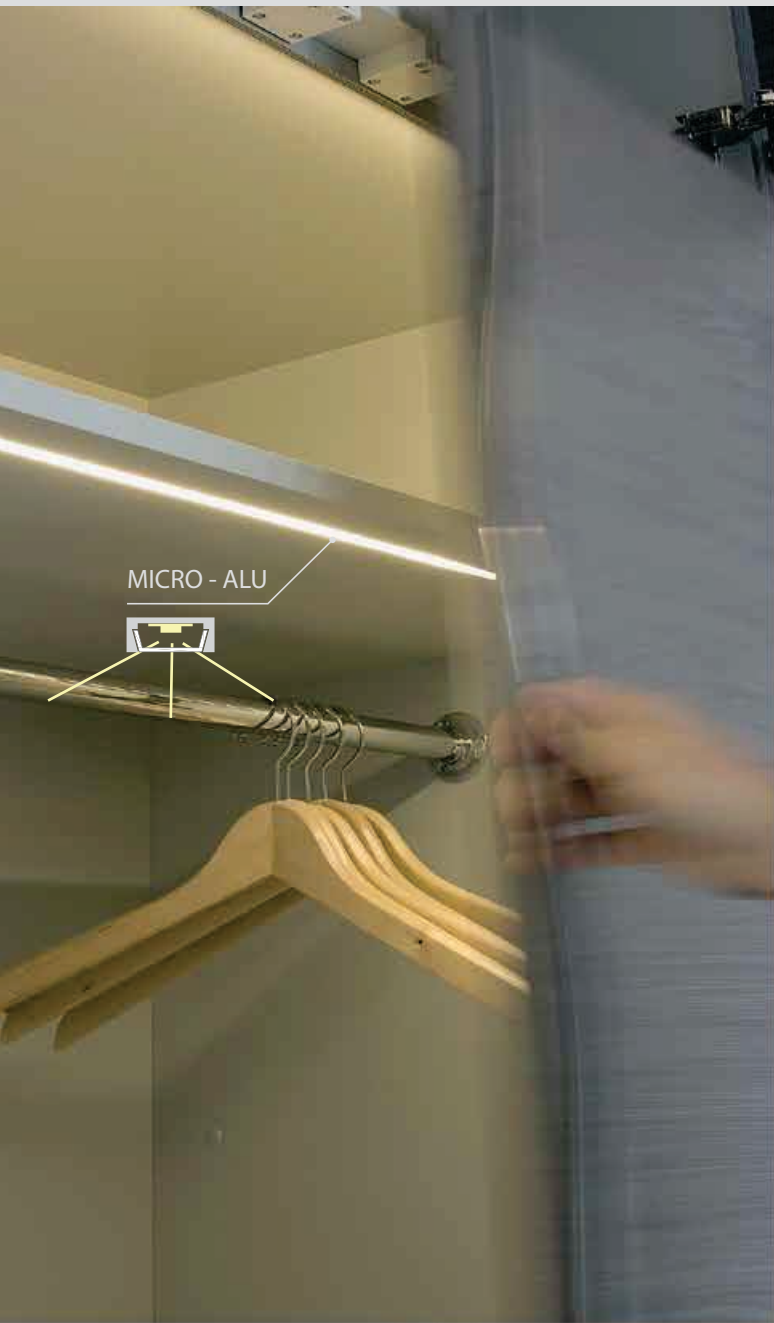




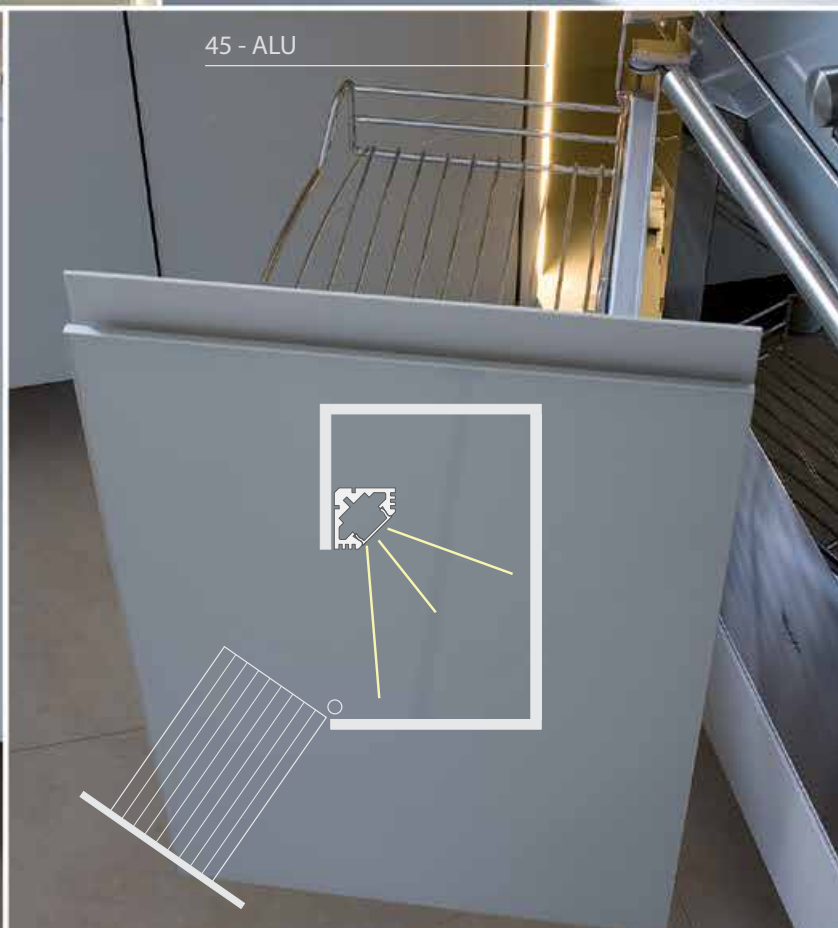
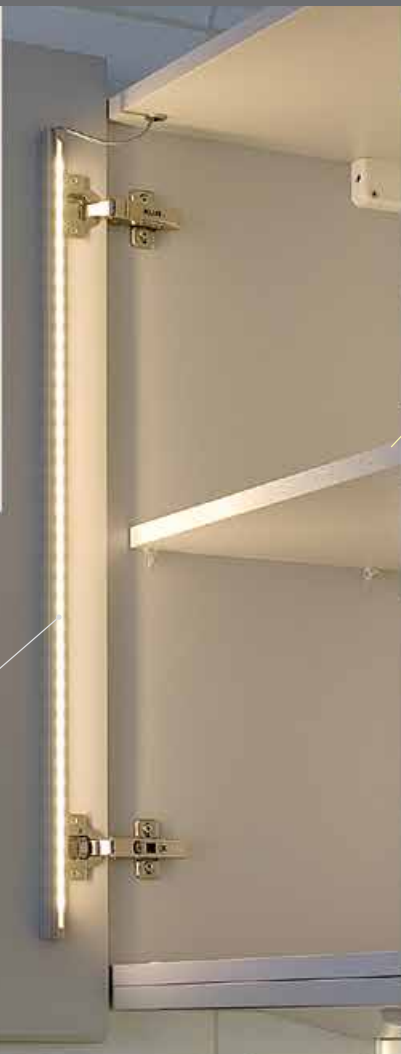
PDS4 - K













MICRO - ALU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED strip max. 10,8 mm	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	B1888NA
			anodized anodizado	B1888ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K **CLICK!**
easy to assemble / fácil montaje

	1m (standard) 2m (standard) 3m *	frosted / opal	1547
		clear / transparente	1548

KA-BIS **CLICK!**
easy to assemble, very good light dispersion / fácil montaje, muy buena dispersión de la luz

	1m (standard) 2m (standard) 3m *	frosted / opal	17071
		clear / transparente	17072

HS **UV CERTIFICATE**
flat, very good light dispersion / plano, muy buena dispersión de la luz

	1m (standard) 2m (standard) 3m *	frosted / opal	1369
		clear / transparente	1370

LIGER optical material / material óptico

	1m (standard) 2m (standard) 3m *	frosted matte / opal mate	17031
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LED Extrusions Perfil LED

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

MICRO-ALU END CAPS / TAPAS FINALES MICRO-ALU



ELECTRICITY CONDUCTIVE END CAPS / TAPAS FINALES ELECTRIFICADAS

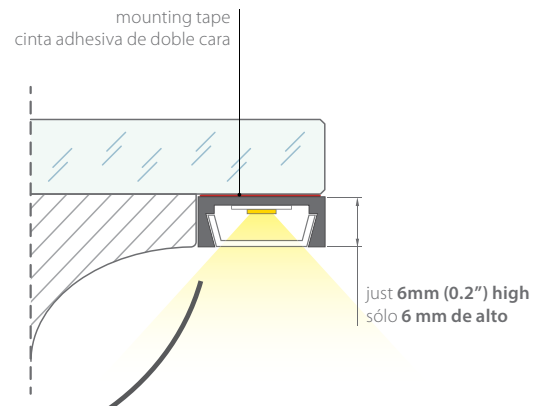


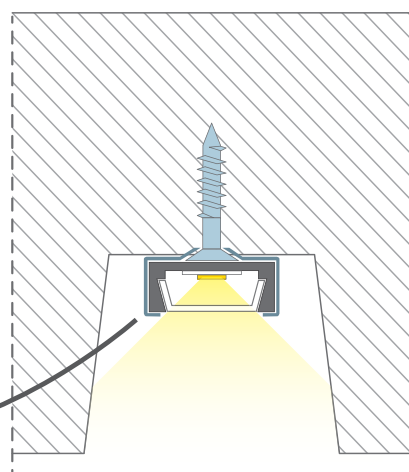
MOUNTING BRACKETS / GRAPAS DE MONTAJE



MOUNTING SPRING / RESORTE DE MONTAJE







GB **outdoor** (IP 67 waterproof level can be achieved)

ES **exterior** (Permite alcanzar un grado de protección IP-67)





PDS4 - ALU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED strip max. 10,8 mm	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	B1718NA
			anodized anodizado	B1718ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K **CLICK!**
easy to assemble / fácil montaje

		1m (standard)	frosted / opal	1547
		2m (standard)		
		3m *	clear / transparente	1548

KA-BIS **CLICK!**
easy to assemble, very good light dispersion / fácil montaje,
muy buena dispersión de la luz

		1m (standard)	frosted / opal	17071
		2m (standard)		
		3m *	clear / transparente	17072

HS **UV CERTIFICATE**
flat, very good light dispersion / plano, muy buena dispersión de la luz

		1m (standard)	frosted / opal	1369
		2m (standard)		
		3m *	clear / transparente	1370

LIGER **LINE OF LIGHT**
optical material / material óptico

		1m (standard)	frosted matte / opal mate	17031
		2m (standard)		
		3m *		

LED Extrusions Perfil LED

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PDS4-ALU END CAPS / TAPAS FINALES PDS4-ALU



PDS4-ALU ELECTRICITY CONDUCTIVE END CAPS / TAPAS FINALES ELECTRIFICADAS PDS4-ALU



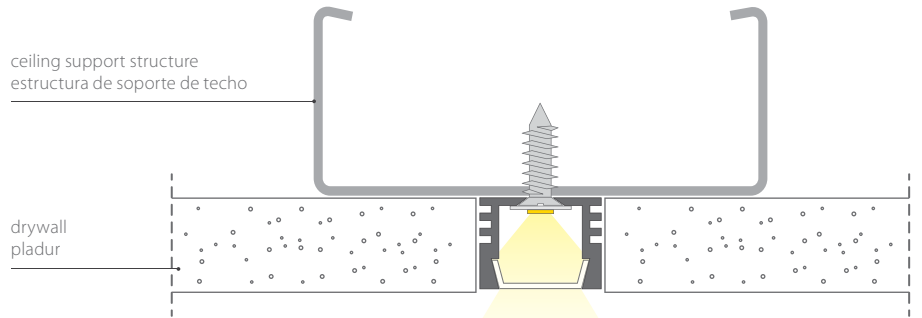
MOUNTING BRACKETS / GRAPAS DE MONTAJE



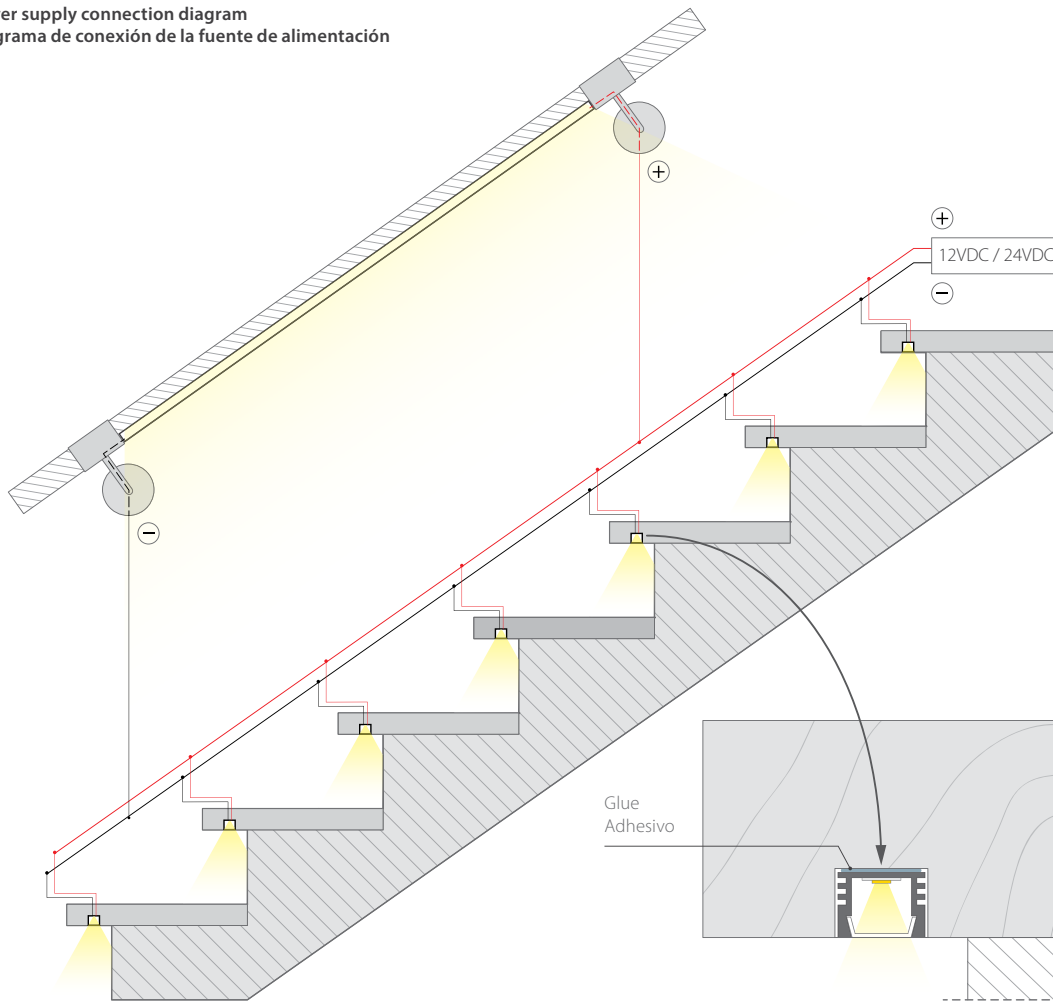
zinc
zinc

chrome matte
cromada mate

MOUNTING SPRING / RESORTE DE MONTAJE



Power supply connection diagram
Diagrama de conexión de la fuente de alimentación







MICRO - K length LED strip width surface finish article number
 Extrusion / Perfil Longitud Ancho tira LED Acabado de la superficie Referencia



1m (standard)
 2m (standard)
 3m *
 3 - 6m **

1 x LED strip
 max. 10,8 mm

anodized
 anodizado

B3775ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K



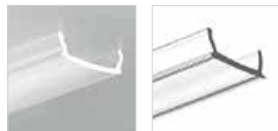
1m (standard)
 2m (standard)
 3m *

frosted / opal
 clear / transparente

1547
 1548

CLICK!
 easy to assemble / fácil montaje

KA-BIS



1m (standard)
 2m (standard)
 3m *

frosted / opal
 clear / transparente

17071
 17072

CLICK!
 easy to assemble, very good light dispersion / fácil montaje,
 muy buena dispersión de la luz

HS



1m (standard)
 2m (standard)
 3m *

frosted / opal
 clear / transparente

1369
 1370

UV CERTIFICATE
 flat, very good light dispersion / plano, muy buena dispersión de la luz

LIGER



1m (standard)
 2m (standard)
 3m *

frosted matte / opal mate

17031

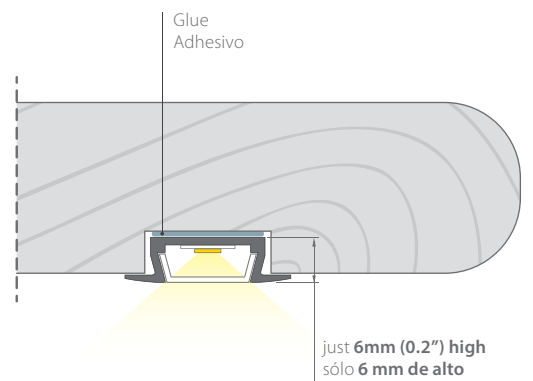
optical material / material óptico

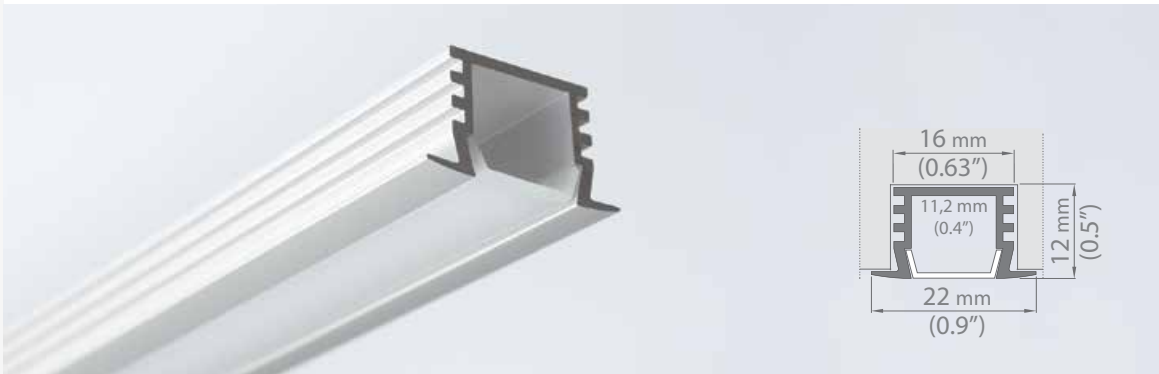
MICRO-K END CAPS / TAPAS FINALES MICRO-K




end cap with hole

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 ** Special order / Pedido especial.

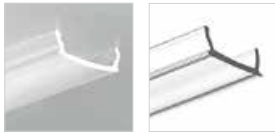
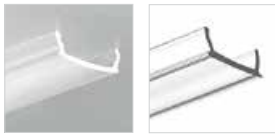






PDS 4 - K Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED max. 10,8 mm	anodized anodizado	B3776ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

		CLICK! easy to assemble / fácil montaje		
K		1m (standard) 2m (standard) 3m *	frosted / opal clear / transparente	1547 1548
		CLICK! easy to assemble, very good light dispersion / fácil montaje, muy buena dispersión de la luz		
KA-BIS		1m (standard) 2m (standard) 3m *	frosted / opal clear / transparente	17071 17072
		UV CERTIFICATE flat, very good light dispersion / plano, muy buena dispersión de la luz		
HS		1m (standard) 2m (standard) 3m *	frosted / opal clear / transparente	1369 1370
		LINE OF LIGHT optical material / material óptico		
LIGER		1m (standard) 2m (standard) 3m *	frosted matte / opal mate	17031

PDS4-K END CAPS / TAPAS FINALES PDS4-K



LED Extrusions Perfil LED

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** Special order / Pedido especial.





PDS - O Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
-------------------------------	--------------------	-----------------------------------	--	------------------------------



1m (standard)
2m (standard)
3m *
3 - 6m **

1 x LED strip
max. 10,8 mm

anodized
anodizado

B3777ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K



1m (standard)
2m (standard)
3m *

frosted / opal
clear / transparente

1547

1548

CLICK!
easy to assemble / fácil montaje

KA-BIS



1m (standard)
2m (standard)
3m *

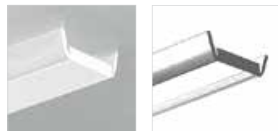
frosted / opal
clear / transparente

17071

17072

CLICK!
easy to assemble, very good light dispersion / fácil montaje,
muy buena dispersión de la luz

HS



1m (standard)
2m (standard)
3m *

frosted / opal
clear / transparente

1369

1370

UV CERTIFICATE
flat, very good light dispersion / plano, muy buena dispersión de la luz

LIGER



1m (standard)
2m (standard)
3m *

frosted matte / opal mate

17031

LINE OF LIGHT
optical material / material óptico

LED Extrusions Perfil LED

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** Special order / Pedido especial.

PDS-O END CAPS / TAPAS FINALES PDS-O



PDS-O ELECTRICITY CONDUCTIVE END CAPS / TAPAS FINALES ELECTRIFICADAS PDS-O

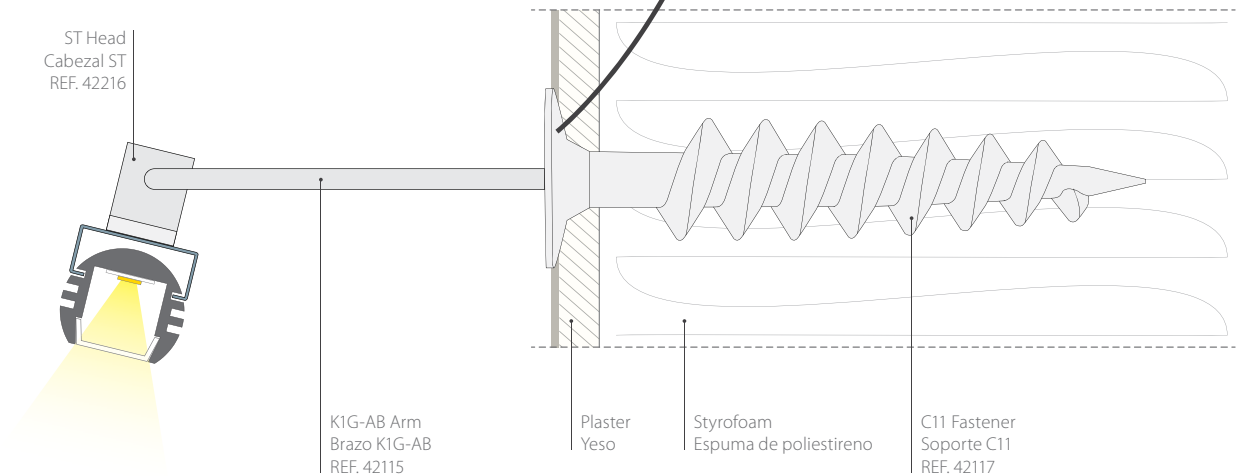


MOUNTING BRACKETS / GRAPAS DE MONTAJE



zinc
zinc

chrome matte
cromada mate





45 - ALU
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *
3 - 6m **

1 x LED strip
max. 10,8 mm

non anodized (raw - aluminum)
no anodizado (aluminio en bruto)

B4023NA

anodized
anodizado

B4023ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K



1m (standard)
2m (standard)
3m *

frosted / opal

1547

clear / transparente

1548

CLICK!
easy to assemble / fácil montaje

KA-BIS



1m (standard)
2m (standard)
3m *

frosted / opal

17071

clear / transparente

17072

CLICK!
easy to assemble, very good light dispersion / fácil montaje,
muy buena dispersión de la luz

HS



1m (standard)
2m (standard)
3m *

frosted / opal

1369

clear / transparente

1370

UV CERTIFICATE
flat, very good light dispersion / plano, muy buena dispersión de la luz

LIGER



1m (standard)
2m (standard)
3m *

frosted matte / opal mate

17031

LINE OF LIGHT
optical material / material óptico

45-ALU END CAPS / TAPAS FINALES 45-ALU



1383

1440

MOUNTING BRACKETS / GRAPAS DE MONTAJE



1399

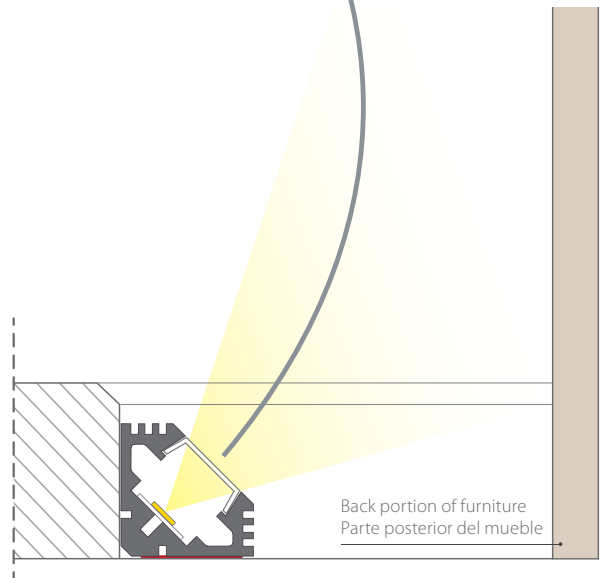
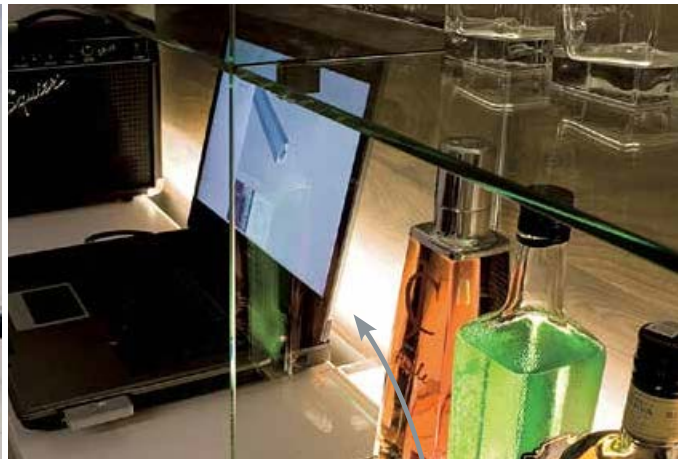
1455

zinc
zinc

chrome matte
cromada mate

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** Special order / Pedido especial.





REGULOR ZWK Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
--	--------------------	-----------------------------------	--	------------------------------



1m (standard)
2m (standard)
3m *
3 - 6m **

1 x LED strip
max. 10,8 mm

anodized
anodizado

B468+43ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVER / DIFUSOR

S



S-SATYNA



1m (standard)
2m (standard)
3m *

clear
transparente

transparent matte
transparente mate

light focusing cover
difusor óptico

00220

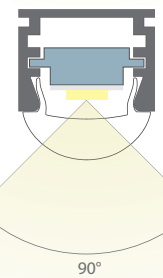
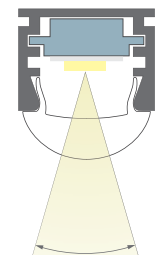
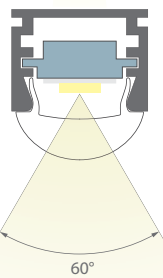
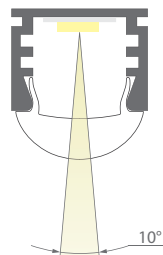
17111

REGULOR END CAPS / TAPAS FINALES REGULOR

00310



00313



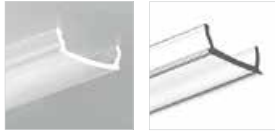
LED Extrusions Perfil LED

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** Special order / Pedido especial.

COVERS / DIFUSORES

K

CLICK!
easy to assemble / fácil montaje



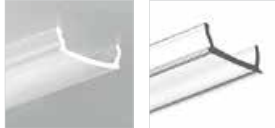
1m (standard)
2m (standard)
3m *

frosted / opal
clear / transparente

1547
1548

KA-BIS

CLICK!
easy to assemble, very good light dispersion / fácil montaje,
muy buena dispersión de la luz



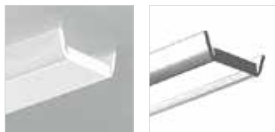
1m (standard)
2m (standard)
3m *

frosted / opal
clear / transparente

17071
17072

HS

UV CERTIFICATE
flat, very good light dispersion / plano, muy buena dispersión de la luz



1m (standard)
2m (standard)
3m *

frosted / opal
clear / transparente

1369
1370

LIGER

LINE OF LIGHT
optical material / material óptico



1m (standard)
2m (standard)
3m *

frosted matte / opal mate

17031

PDS4-ALU END CAPS / TAPAS FINALES PDS4-ALU

PDS4-ALU ELECTRICITY CONDUCTIVE END CAP /
TAPA FINAL ELECTRIFICADA PDS4-ALU

1056

1057

24061



1407



MOUNTING BRACKETS / GRAPAS DE MONTAJE

1072

1345



zinc
zinc

chrome matte
cromada mate



* Available by arrangement with the sales department of KLUS / Disponible bajo petición al departamento de ventas de KLUS.



TAMI Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard)	1 x LED strip max. 12 mm	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	B5390NA
			anodized anodizado	B5390ANODA

COVER / DIFUSOR

T			easy to assemble fácil montaje	
	1m (standard) 2m (standard)	clear matte transparente mate		17004

TAMI END CAP / TAPA FINAL TAMI



20051

MOUNTING BRACKETS / GRAPAS DE MONTAJE



1072

1345

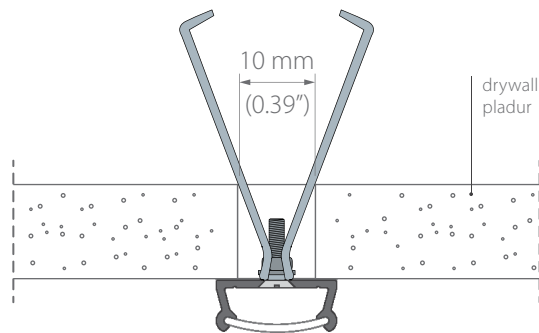
zinc
zinc

chrome matte
cromada mate

MOUNTING SPRING / RESORTE DE MONTAJE



PDS 00800





TAKO Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
----------------------------	--------------------	-----------------------------------	--	------------------------------



1m
2m

1 x LED strip
max. 12 mm

anodized
anodizado

B5392ANODA

COVER / DIFUSOR

T



1m (standard)
2m (standard)

clear matte
transparente mate



easy to assemble
fácil montaje

17004

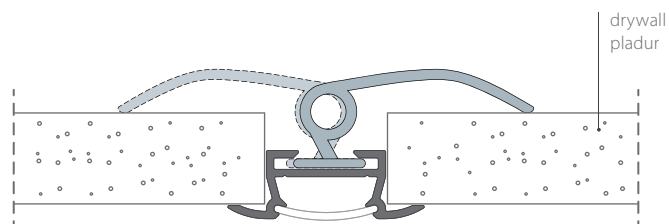
TAKO END CAP / TAPA FINAL TAKO

20053



MOUNTING SPRING / RESORTE DE MONTAJE

KDU 00844





TAN-C5
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m
2m

1 x LED strip
max. 12 mm

non anodized (raw - aluminum)
no anodizado (aluminio en bruto)

B5391NA

anodized
anodizado

B5391ANODA

COVER / DIFUSOR

T



1m (standard)
2m (standard)

clear matte
transparente mate



easy to assemble
fácil montaje

17004

TAN-C5 END CAP / TAPA FINAL TAN-C5

20052



MOUNTING BRACKETS / GRAPAS DE MONTAJE

1399



zinc
zinc

1455



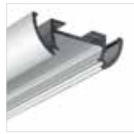
chrome matte
cromada mate

LED Extrusions Perfil LED





TOST Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
----------------------------	--------------------	-----------------------------------	--	------------------------------



1m
2m

1 x LED strip
max. 12 mm

anodized
anodizado

B5393ANODA

COVER / DIFUSOR

T



1m (standard)
2m (standard)

clear matte
transparente mate



easy to assemble
fácil montaje

17004

TOST END CAP / TAPA FINAL TOST

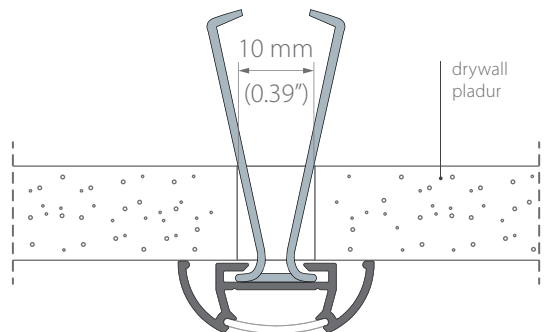
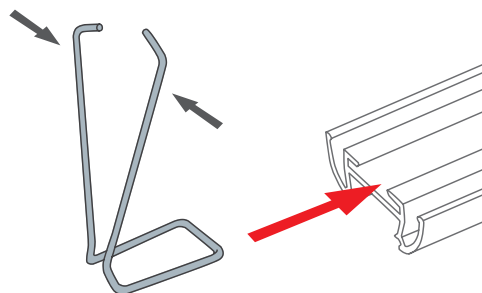
20054

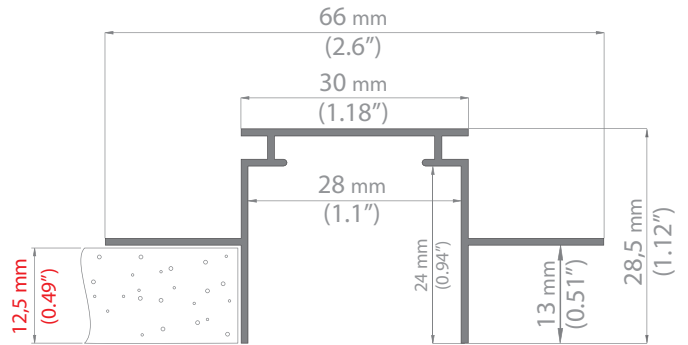
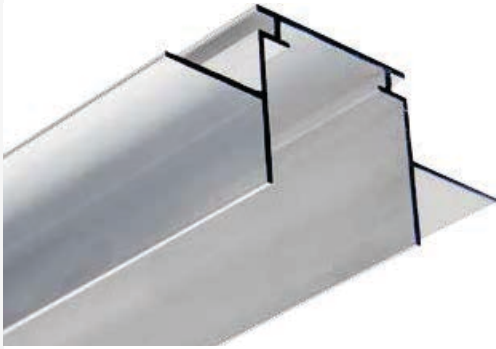


MOUNTING SPRING / RESORTE DE MONTAJE

TR

00801





TEKNIK
Extrusion / Perfil

length
Longitud

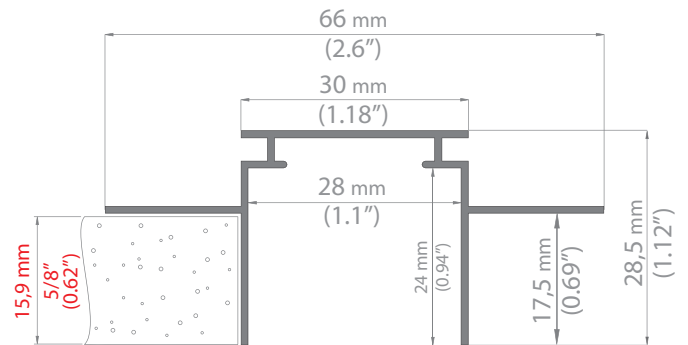
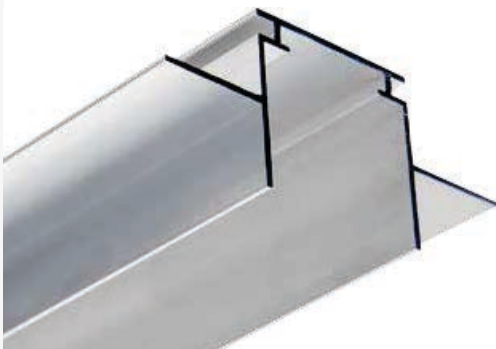
surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *
3 - 6m **

non anodized (raw - aluminum)
no anodizado (aluminio en bruto)

B5555NA



TEKUS PROFIL

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *
3 - 6m **

non anodized (raw - aluminum)
no anodizado (aluminio en bruto)

B6638NA

LED Extrusions Perfil LED

TEKNIK END CAP / TAPA FINAL TEKNIK

24002



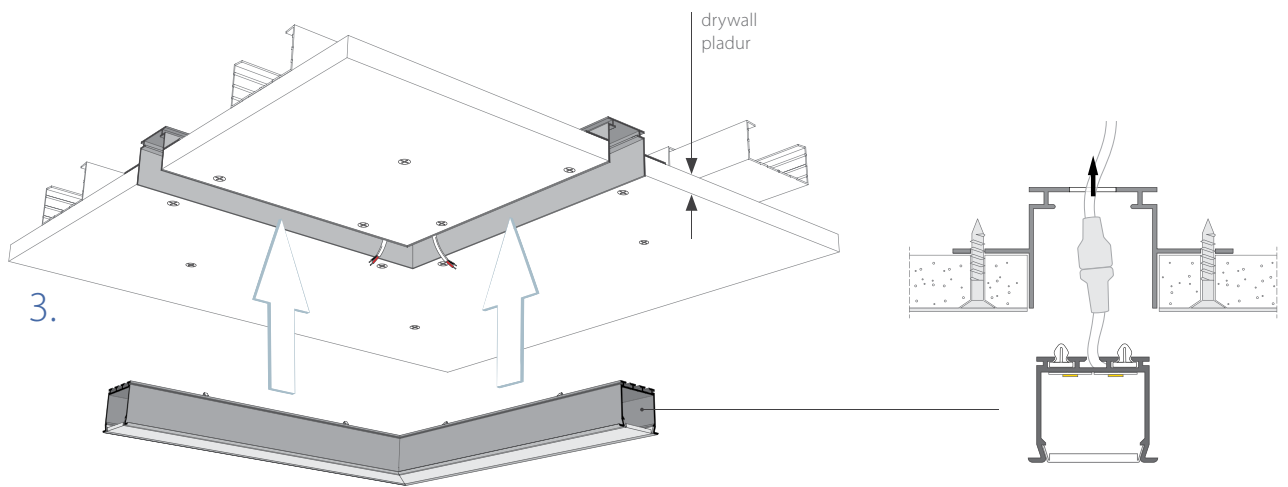
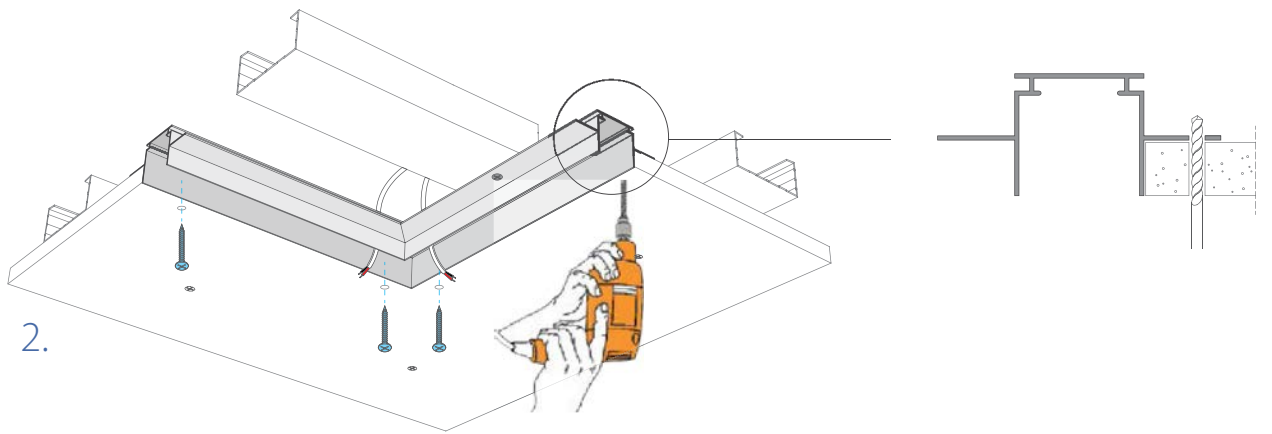
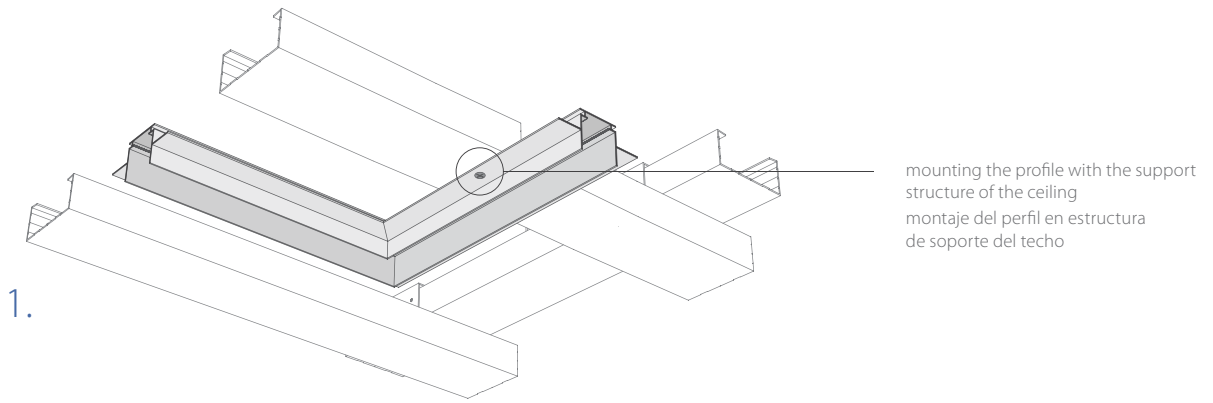
TEKNIK CLIP / CLIP TEKNIK

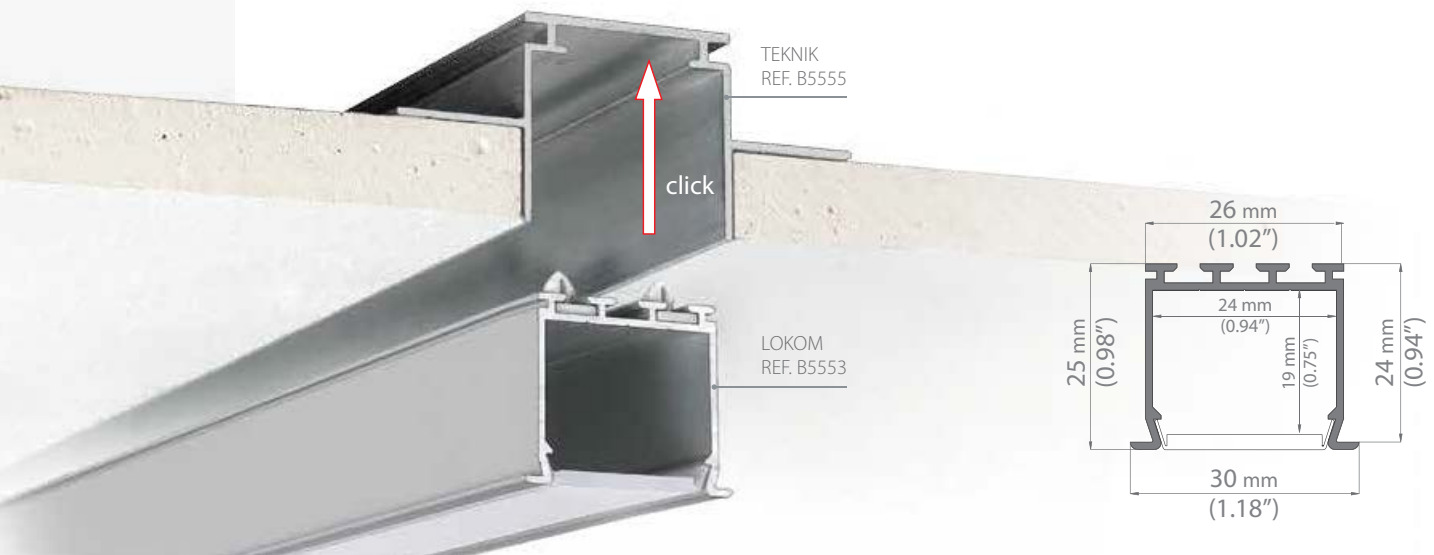
24003



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

** Special order / Pedido especial.





LOKOM Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	2 x LED strip max. 10 mm	anodized anodizado	B5553ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

LIGER 22



MUN 22



1m (standard)
2m (standard)
3m*

frosted matte / opal mate

LINE OF LIGHT
optical material / material óptico

LIGER 22: 17032

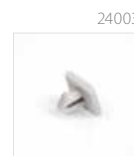
clear matte / transparente mate

MUN 22: 17042

LOKOM END CAP / TAPA FINAL LOKOM



TEKNIK CLIP / CLIP TEKNIK



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompena L 24015



G-L 00413



G-L 17006



kompena K 24020



G-K 17007



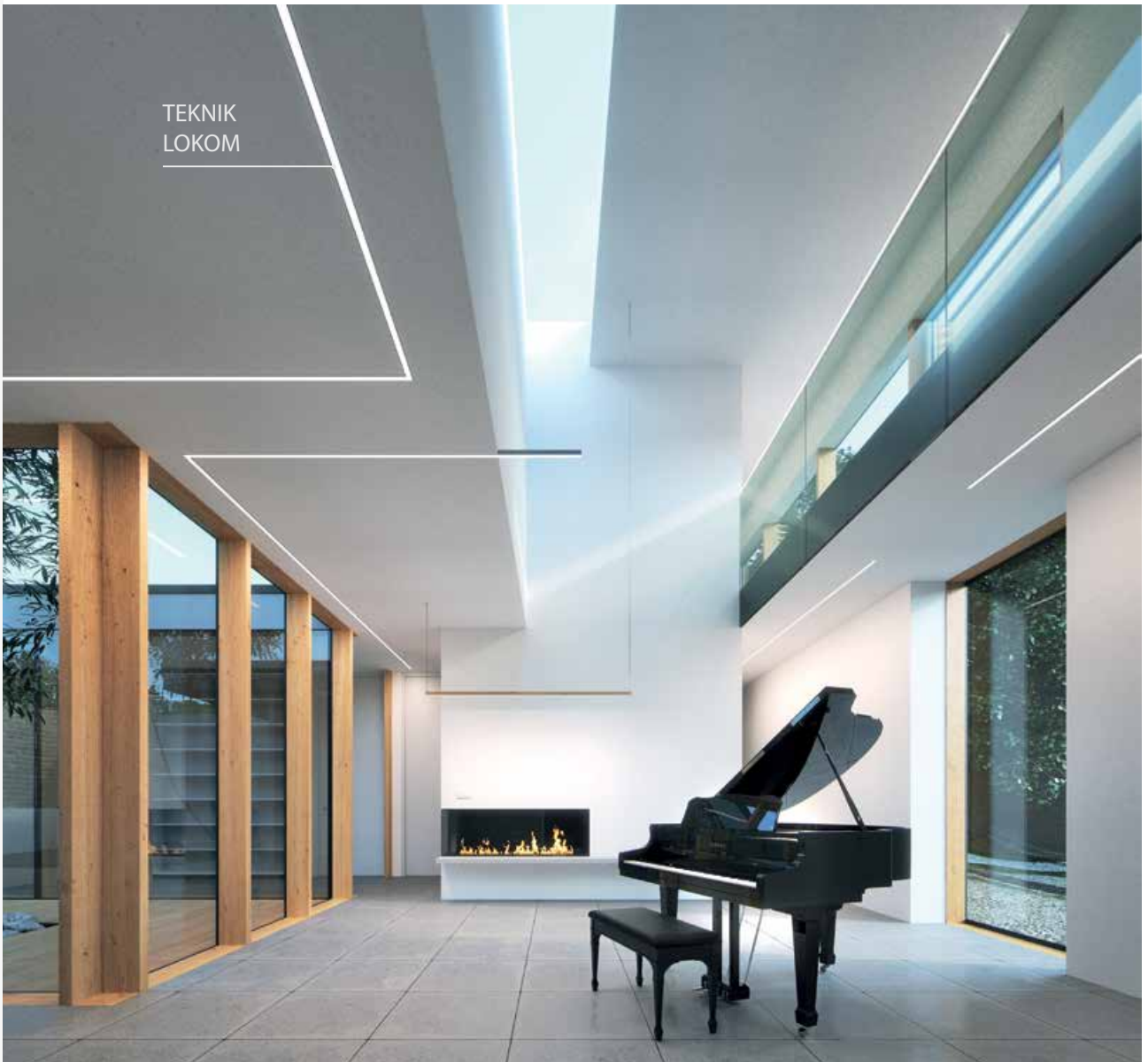
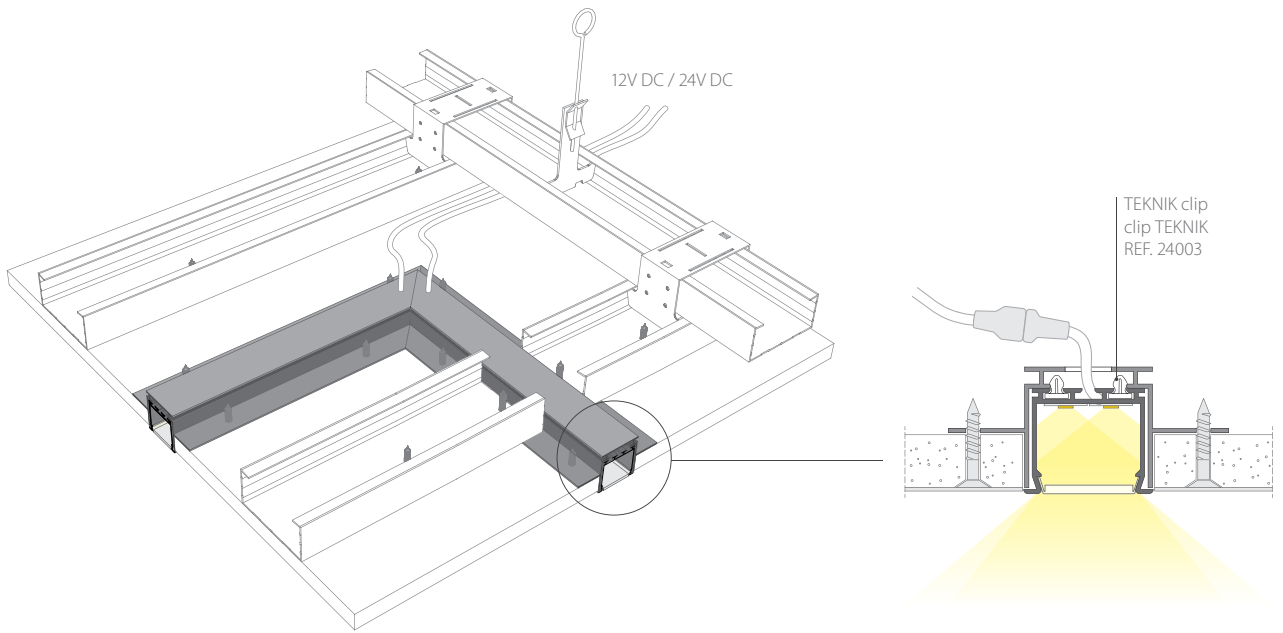
G-K 00415

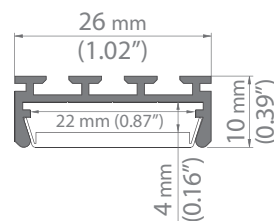


LED Extrusions Perfil LED

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

** Special order / Pedido especial.





GIZA Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	2 x LED strip max. 10 mm	anodized anodizado	B5556ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

optical material / material óptico

MUN 22



1m (standard)
2m (standard)
3m*

clear matte / transparente mate

17042

GIZA END CAP / TAPA FINAL GIZA

24007



MOUNTING SPRING / RESORTE DE MONTAJE

GP 00293



TEKNIK CLIP / CLIP TEKNIK

24003



PLASTIC BASES / BASES DE PLÁSTICO

42712



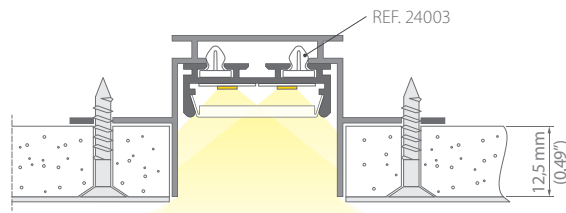
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

** Special order / Pedido especial.

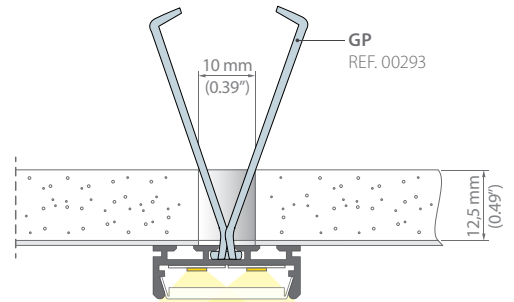
OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES



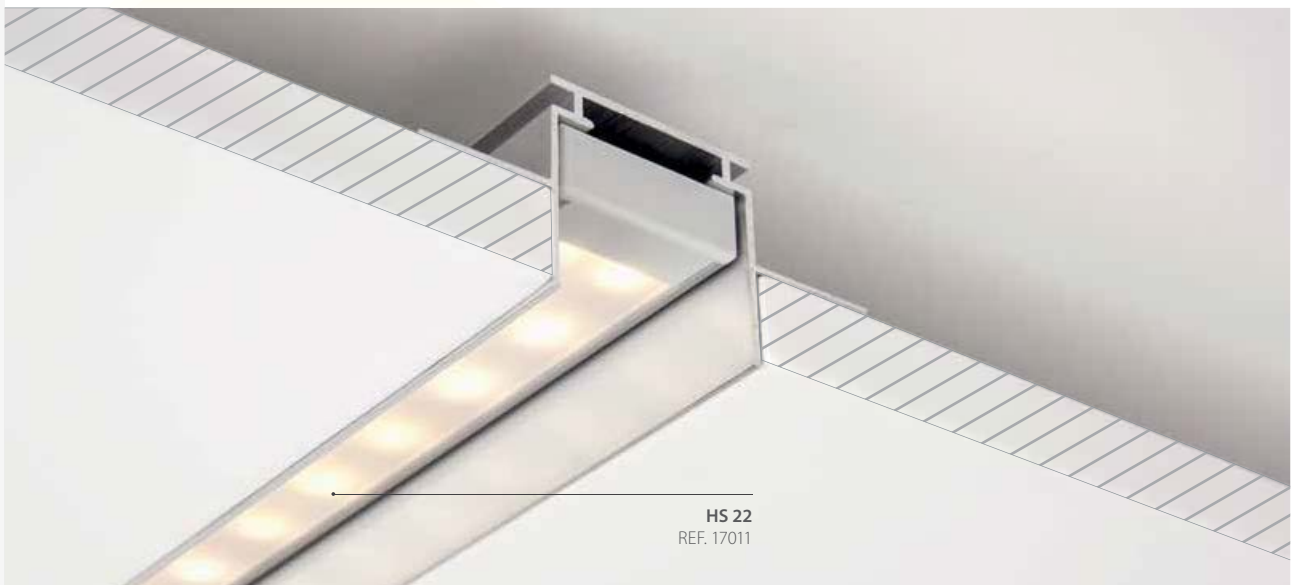
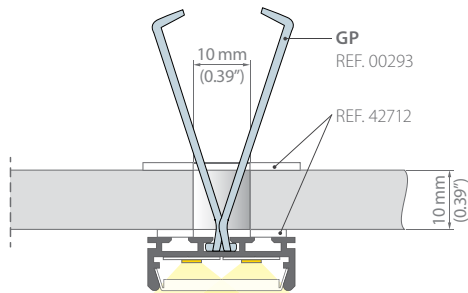
A Drywall / Pladur



B Drywall / Pladur



C Drop ceiling / Falso techo Armstrong



HS 22
REF. 17011



GIP Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	2 x LED strip max. 10 mm	anodized anodizado	B4574ANODA

COVERS / DIFUSORES

G-L



1m (standard)
2m (standard)
3m *

frosted matte / opal mate

00413

clear / transparente

17006

G-K



1m (standard)
2m (standard)
3m *

frosted matte / opal mate

17007

clear matte / transparente mate

00415

GIP END CAPS / TAPAS FINALES GIP

00306



00307



MOUNTING SPRING / RESORTE DE MONTAJE

GP

00293



TEKNIK CLIP / CLIP TEKNIK

24003



PLASTIC BASES / BASES DE PLÁSTICO

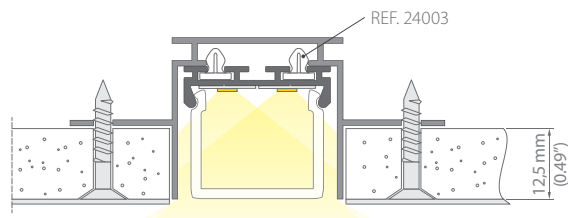
42712



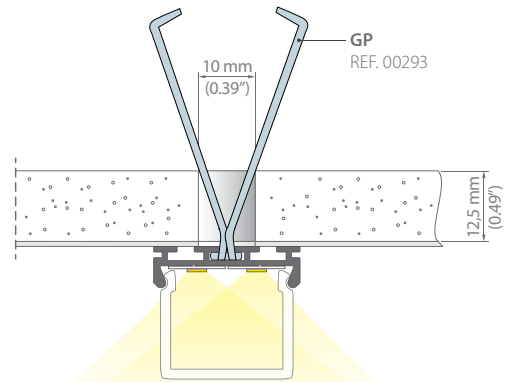
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

** Special order / Pedido especial.

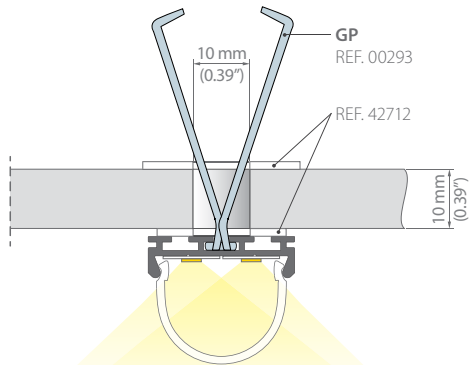
A Drywall / Pladur



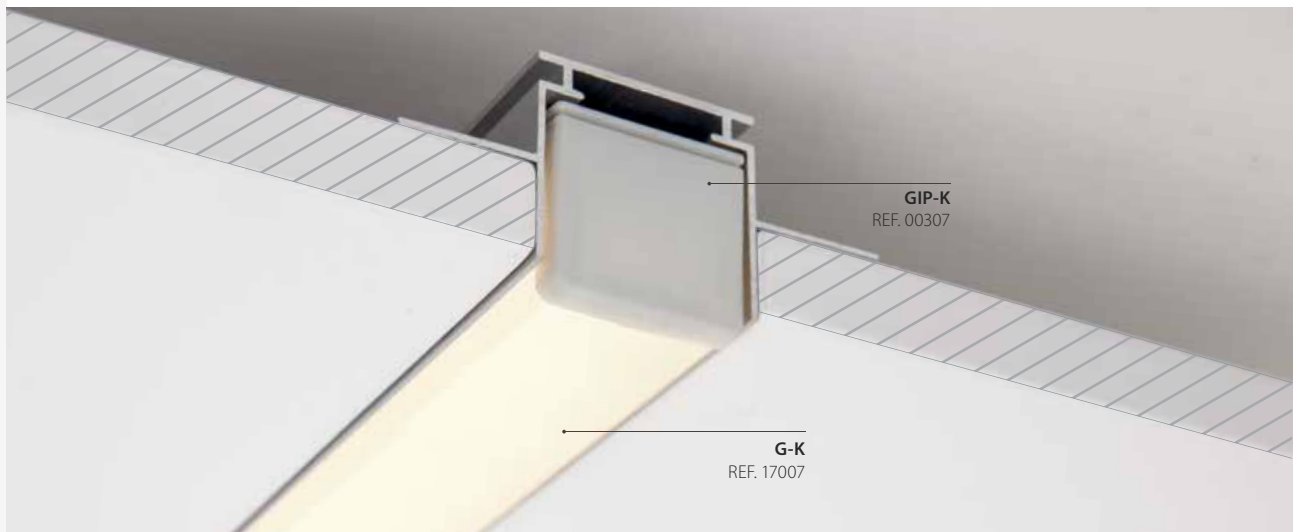
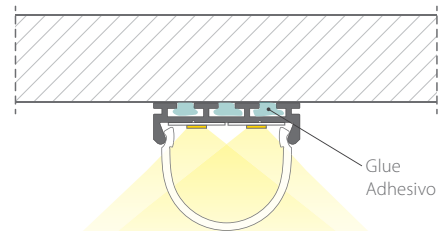
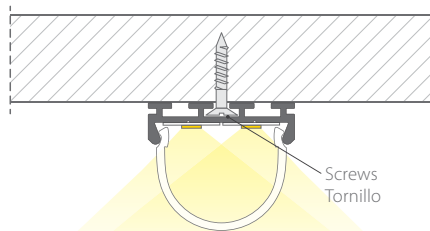
B Drywall / Pladur



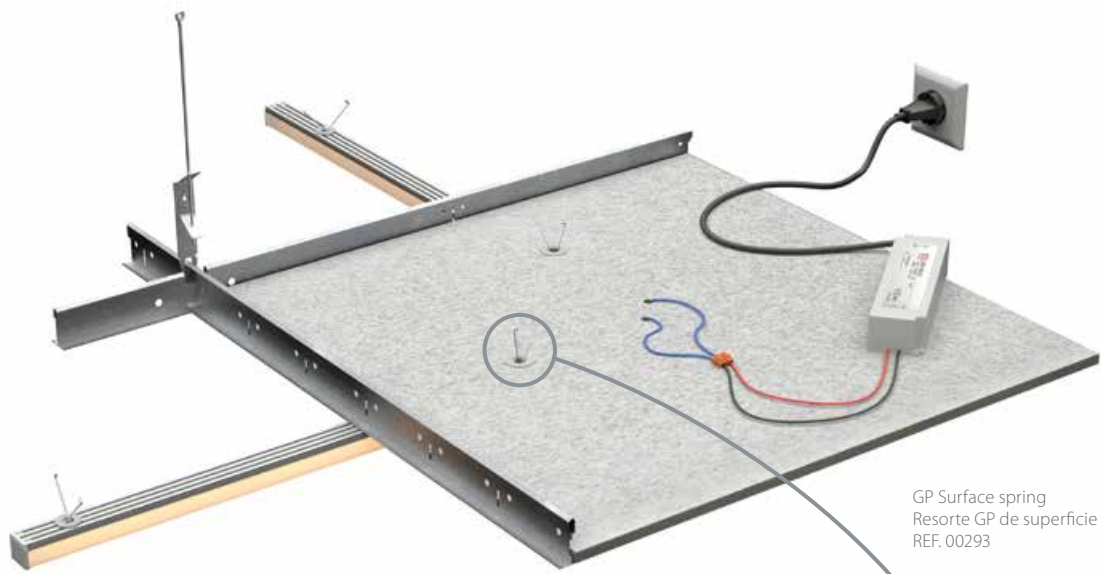
C Drop ceiling / Falso techo Armstrong



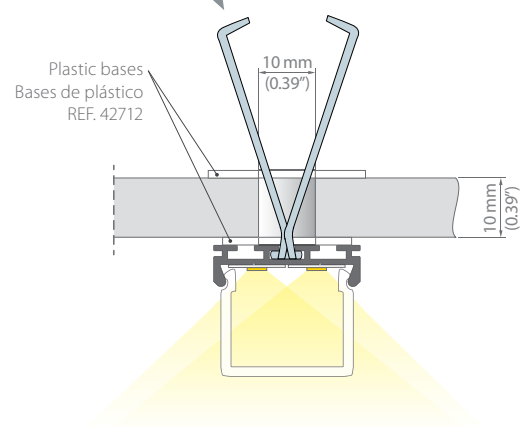
D Other ways of mounting / Otros métodos de instalación



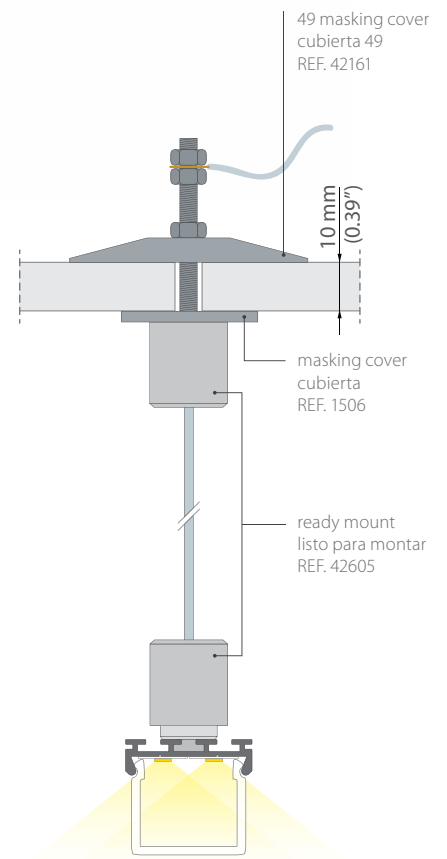
GIP fixtures mounted to drop ceiling with the use of mounting springs /
 Accesorios GIP para instalación en techo Armstrong con el uso de resortes de montaje

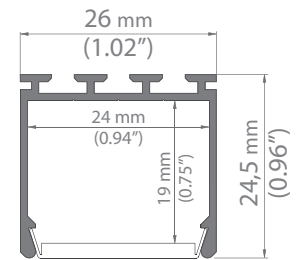


GP Surface spring
 Resorte GP de superficie
 REF. 00293



Example of mounting and wiring of the GIP suspended fixture in drop ceiling / Ejemplo de conexión y accesorios de montaje, del perfil GIP suspendido en techo Armstrong





LIPOD
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *
3 - 6m **

2 x LED strip
max. 10 mm

anodized
anodizado

B5554ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

LIGER 22



MUN 22



1m (standard)
2m (standard)
3m*

frosted matte / opal mate

LINE OF LIGHT
optical material / material óptico

LIGER 22: 17032

clear matte / transparente mate

MUN 22: 17042

LIPOD END CAP / TAPA FINAL LIPOD

24004



24051



MOUNTING SPRING / RESORTE DE MONTAJE

GP 00293



TEKNIK CLIP / CLIP TEKNIK

24003



PLASTIC BASES / BASES DE PLÁSTICO

42712



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompensa L 24015



G-L 00413



G-L 17006



kompensa K 24020



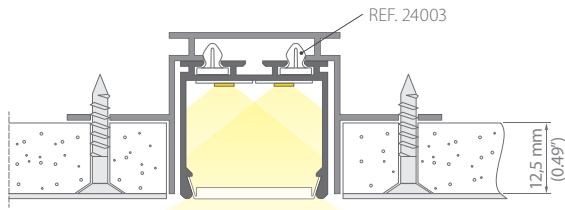
G-K 17007



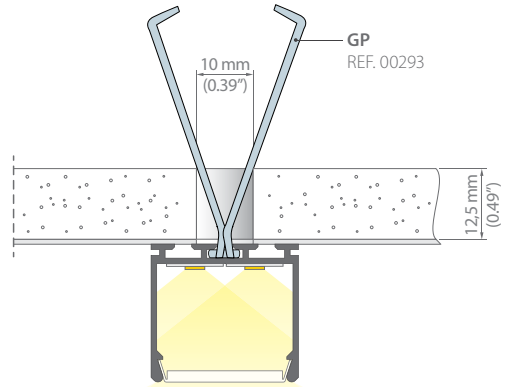
G-K 00415



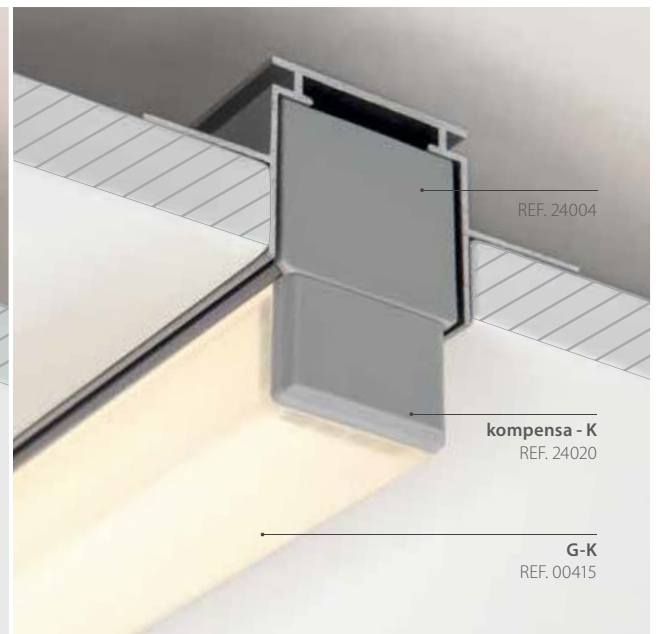
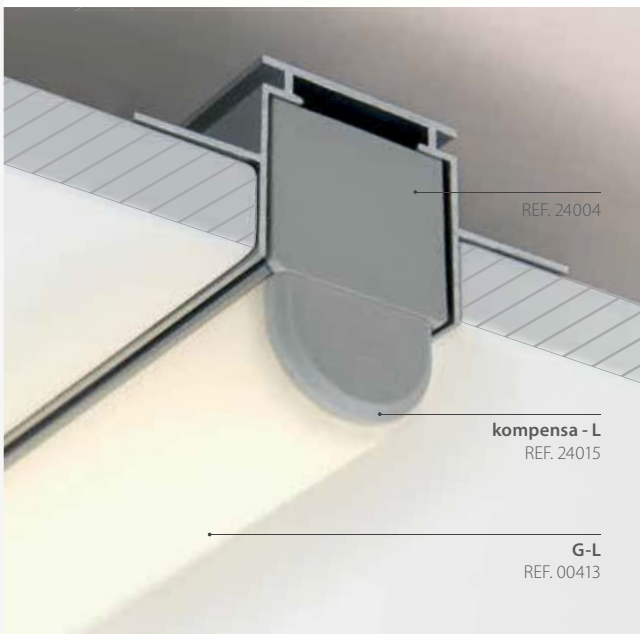
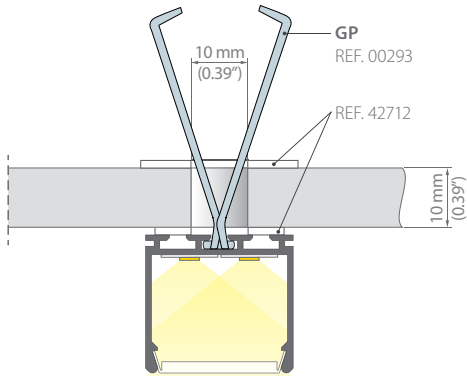
A Drywall / Pladur

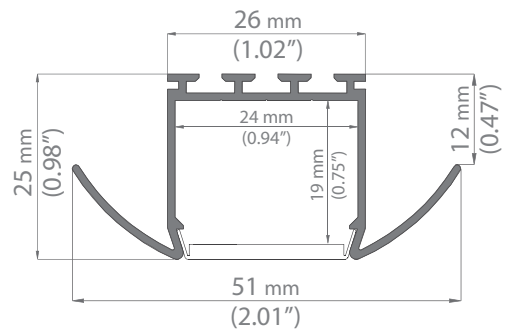


B Drywall / Pladur



C Drop ceiling / Falso techo Armstrong





LESTO
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m*
3 - 6m**

2 x LED strip
max. 10 mm

anodized
anodizado

B5551ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

LIGER 22



MUN 22



1m (standard)
2m (standard)
3m*

frosted matte / opal mate

LINE OF LIGHT
optical material / material óptico

LIGER 22: 17032

clear matte / transparente mate

MUN 22: 17042

LESTO END CAP / TAPA FINAL LESTO

24008



MOUNTING SPRING / RESORTE DE MONTAJE

KMA 00838



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompensa L 24015



G-L 00413



G-L 17006



kompensa K 24020



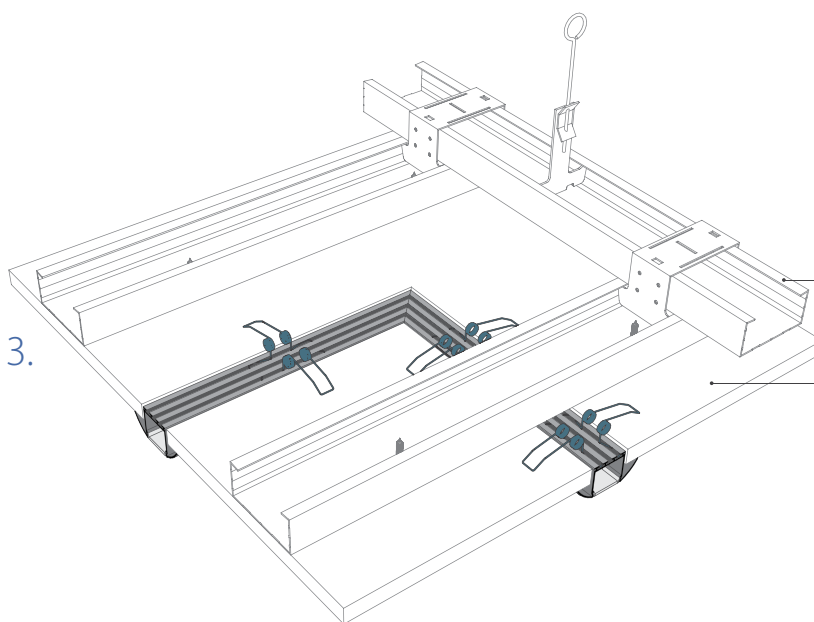
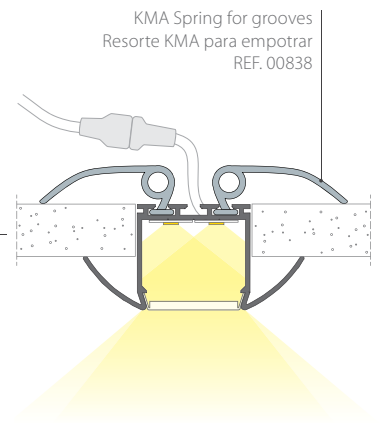
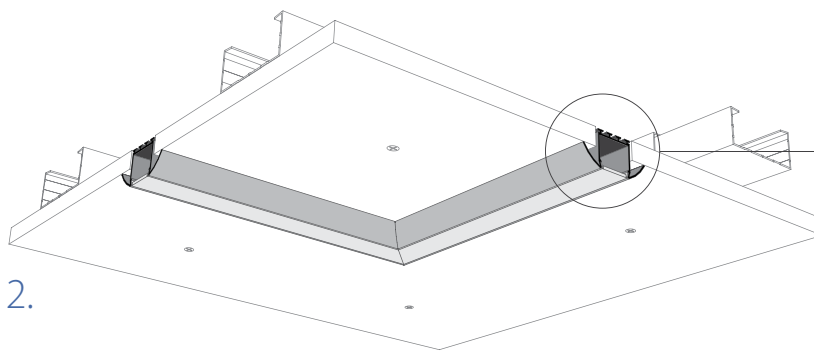
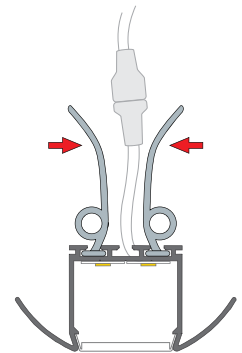
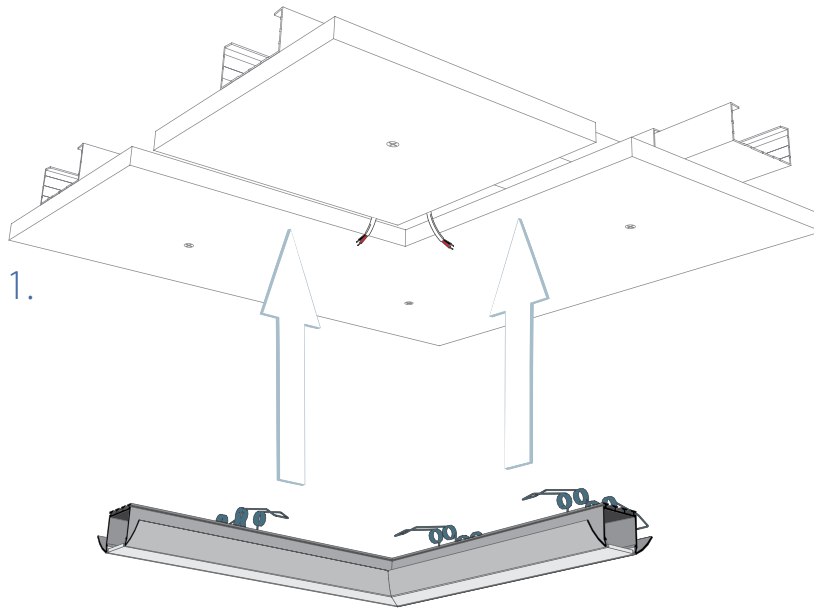
G-K 17007



G-K 00415

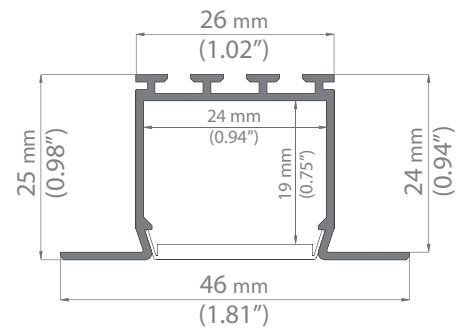


* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.



support structure of the ceiling
estructura de soporte de techo

drywall
pladur



LARKO
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *
3 - 6m **

2 x LED
max. 10 mm

anodized
anodizado

B5552ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

LIGER 22



1m (standard)
2m (standard)
3m*

frosted matte / opal mate

LINE OF LIGHT
optical material / material óptico

LIGER 22: 17032

clear matte / transparente mate

MUN 22: 17042

LARKO END CAP / TAPA FINAL LARKO



MOUNTING SPRING / RESORTE DE MONTAJE



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompena L 24015



G-L 00413



G-L 17006



kompena K 24020



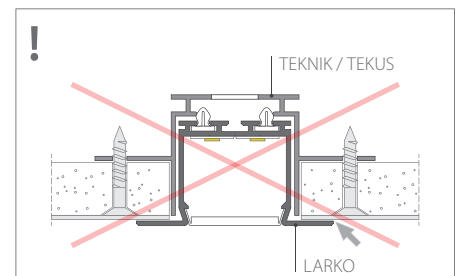
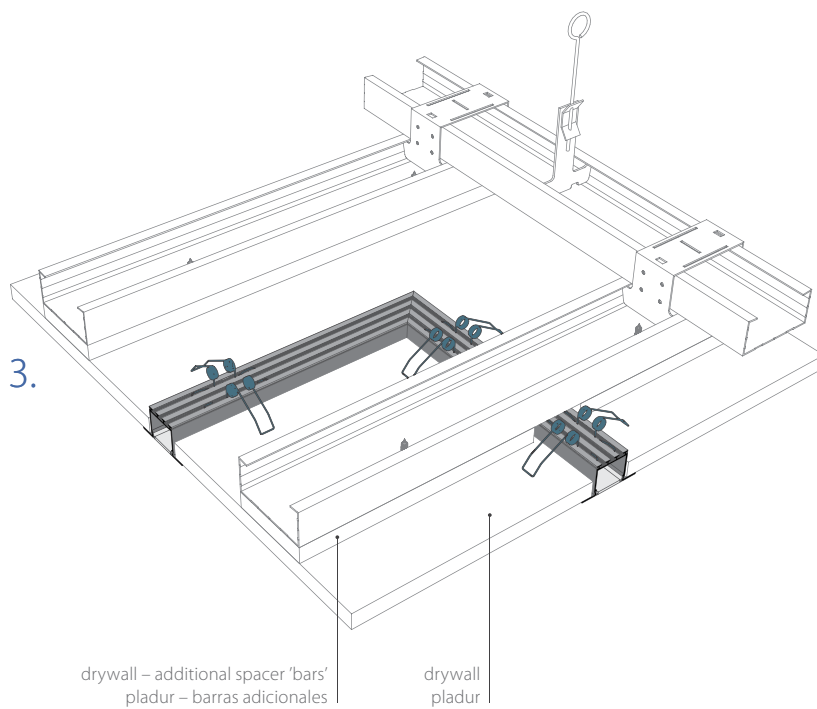
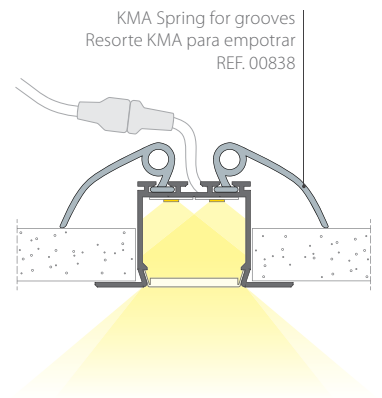
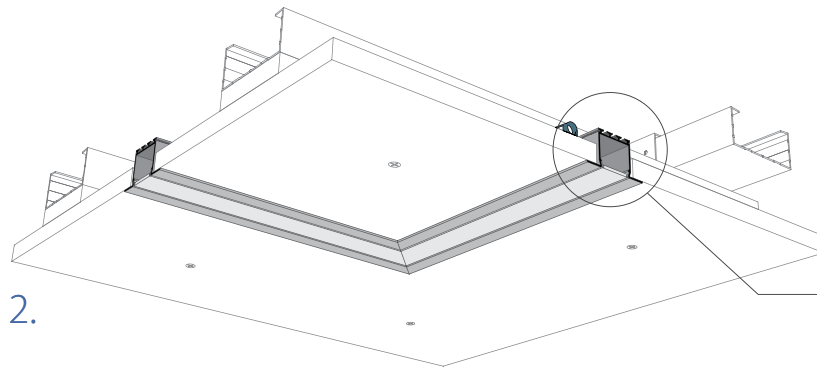
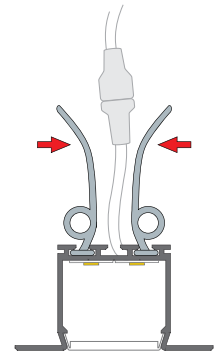
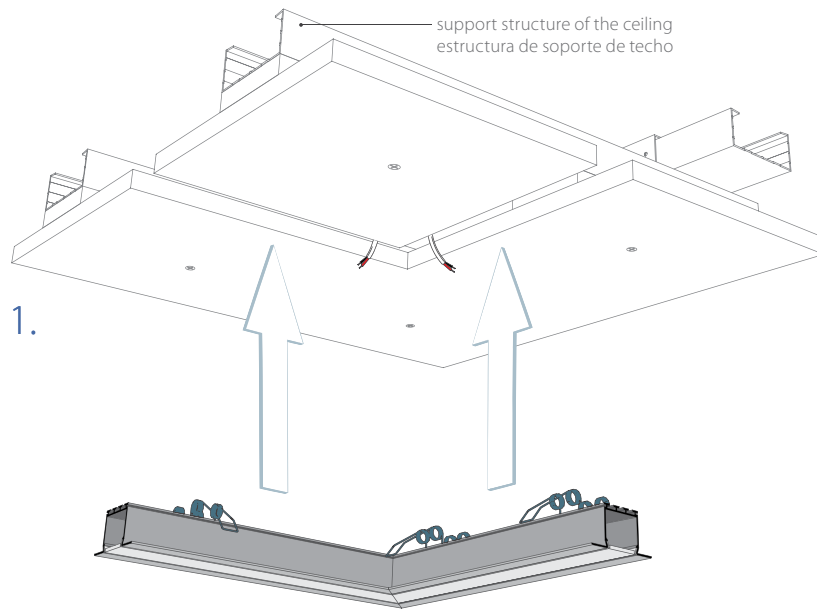
G-K 17007

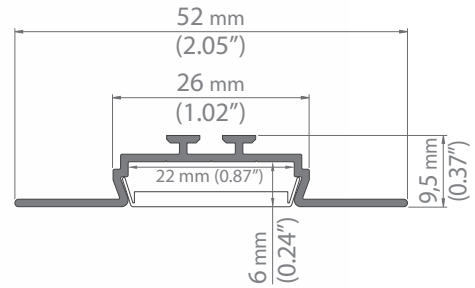


G-K 00415



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.





OPAC-30
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m*
3 - 6m**

2 x LED strip
max. 10 mm

anodized
anodizado

B6164ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

MUN 22



1m (standard)
2m (standard)
3m*

clear matte / transparente mate

17042

optical material / material óptico

OPAC-30 END CAP / TAPA FINAL OPAC-30

24045



24052



MOUNTING SPRING / RESORTE DE MONTAJE

KMA 00838



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompensa L 24015



G-L 00413



frosted matte

G-L 17006



clear

kompensa K 24020



G-K 17007



frosted matte

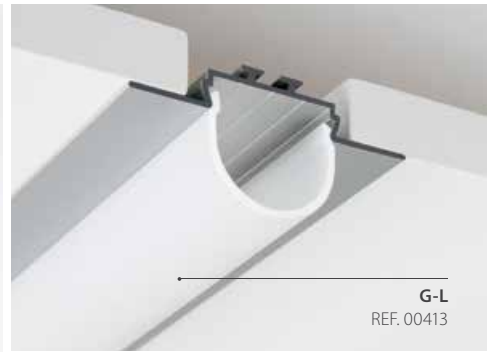
G-K 00415



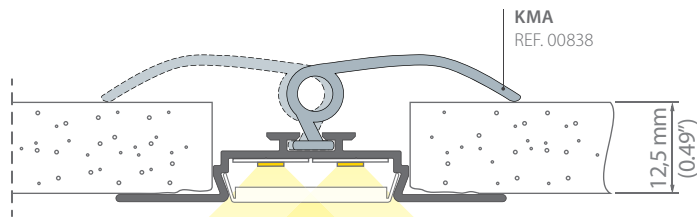
clear matte

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

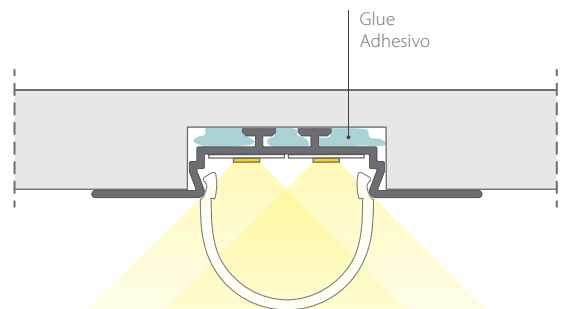
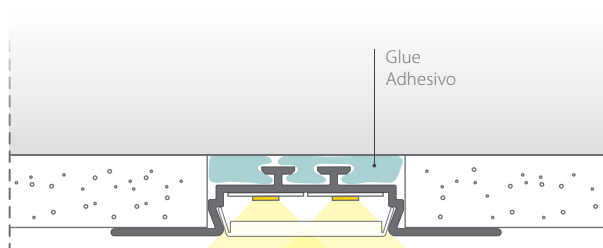
** Special order / Pedido especial.

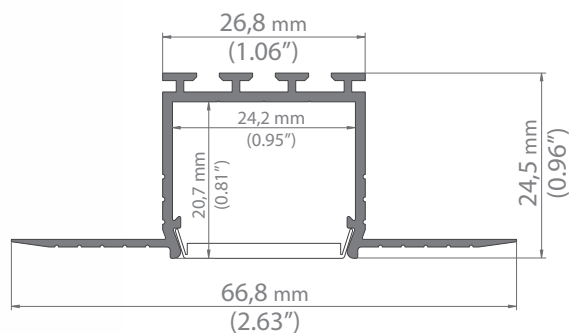



A Drywall / Pladur



B Other ways of mounting / Otros métodos de instalación





KOZEL Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	2 x LED strip max. 10 mm	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	B6454NA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

LIGER 22



MUN 22



1m (standard)
2m (standard)
3m*

frosted matte / opal mate

LIGER 22: 17032

clear matte / transparente mate

MUN 22: 17042

LINE OF LIGHT
optical material / material óptico

KOZEL END CAP / TAPA FINAL KOZEL

24034



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompensa L 24015



G-L 00413



G-L 17006



kompensa K 24020



G-K 17007

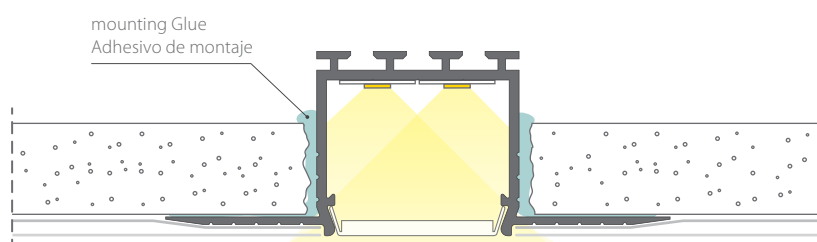


G-K 00415



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.


** Special order / Pedido especial.



GB **Specially designed, wide collar of the profile** is designed to be covered with the standard materials used for connecting drywall. Thanks to this you can attain the effect of a line of light.

ES **Perfil provisto de unas alas especiales**, para ser cubiertas con masilla (yeso, para techos de pladur), obteniendo así, efecto de una única línea de luz.



STOS - ALU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m* 3 - 6m**	1 x LED strip max. 12,8 mm	anodized anodizado	B4369ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K 12

CLICK!
easy to assemble / fácil montaje



1m (standard)	frosted / opal	00155
2m (standard)		
3m*	clear / transparente	00156

KA-BIS 12

CLICK!
easy to assemble, very good light dispersion / fácil montaje,
muy buena dispersión de la luz



1m (standard)	frosted / opal	17073
2m (standard)		
3m*	clear / transparente	17074

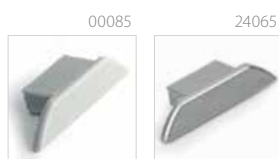
HS 12

UV CERTIFICATE
flat, very good light dispersion / plano, muy buena dispersión de la luz



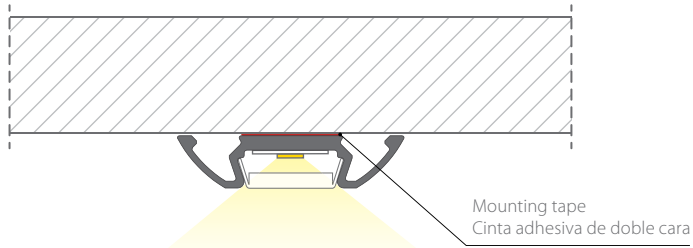
1m (standard)	frosted / opal	00157
2m (standard)		
3m*	clear / transparente	00158

STOS-ALU END CAP / STOS-ALU TAPA FINAL

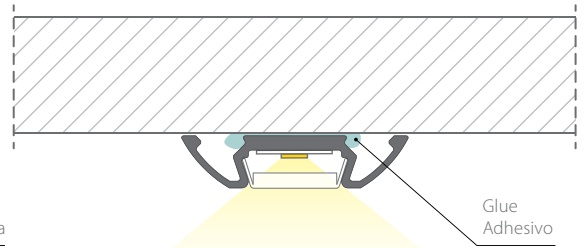


* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

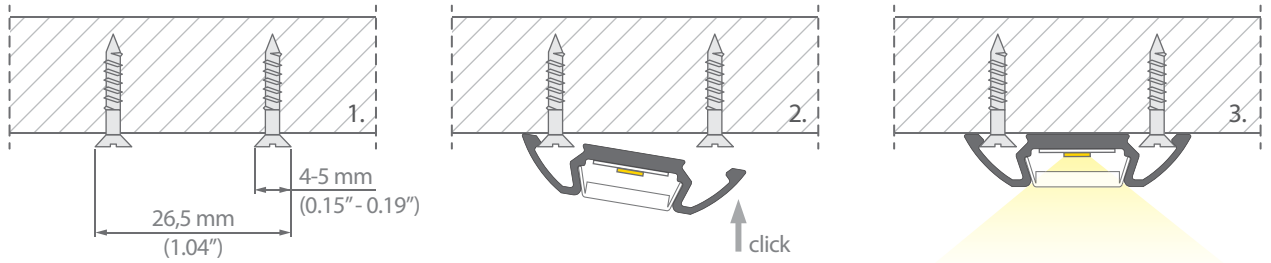
A

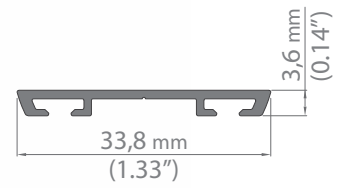


B



C





TEST-36
Extrusion / Perfil

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *
3 - 6m **

anodized
anodizado

B6639ANODA

TEST-36 END CAP / TAPA FINAL TEST-36

24040

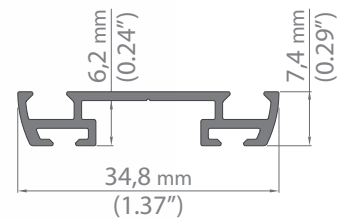


24055



TEKNIK CLIP / CLIP TEKNIK

24003



TEST-74
Extrusion / Perfil

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *
3 - 6m **

anodized
anodizado

W4507ANODA

TEST-74 END CAP / TAPA FINAL TEST-74

24039



24054



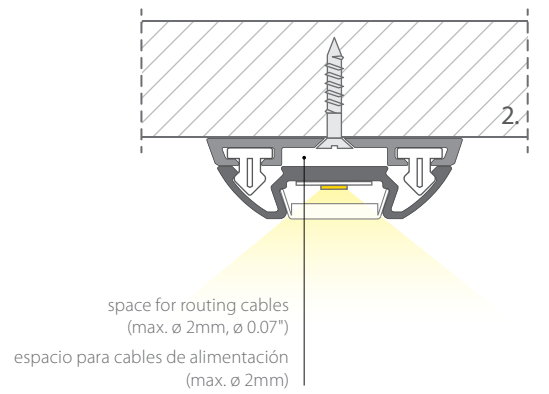
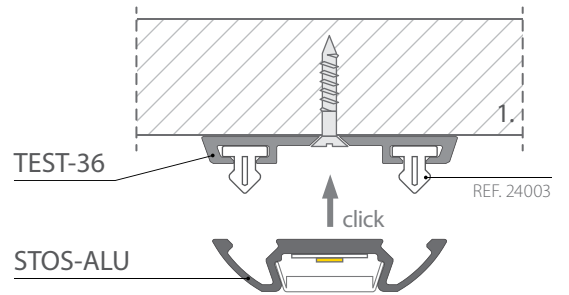
TEKNIK CLIP / CLIP TEKNIK

24003

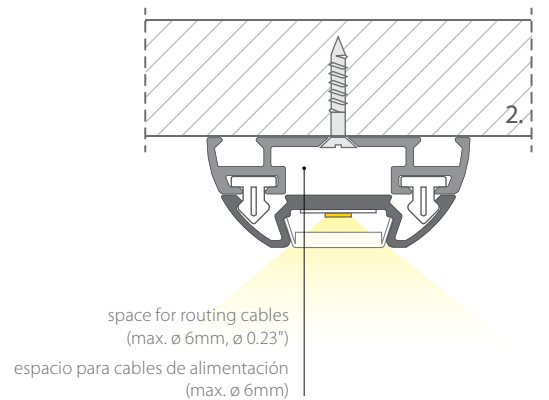
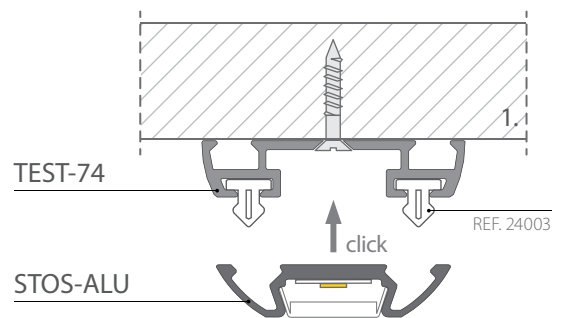


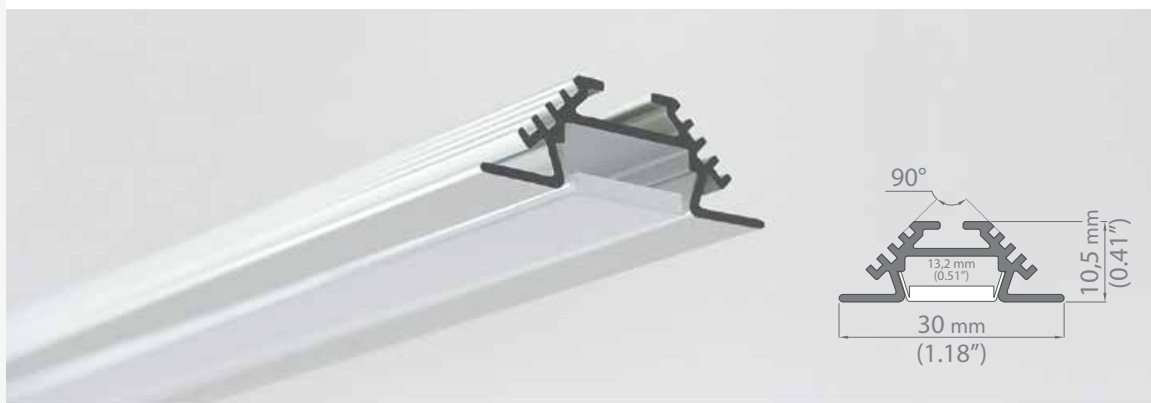
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

TEST-36



TEST-74





PAC - ALU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
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1m (standard)
2m (standard)
3m*
3 - 6m**

1 x LED strip
max. 12,8 mm

anodized
anodizado

B4370ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K 12

CLICK!
easy to assemble / fácil montaje



1m (standard)
2m (standard)
3m*

frosted / opal

00155

clear / transparente

00156

KA-BIS 12

CLICK!
easy to assemble, very good light dispersion / fácil montaje, muy buena dispersión de la luz



1m (standard)
2m (standard)
3m*

frosted / opal

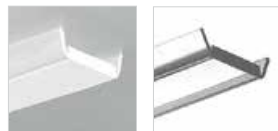
17073

clear / transparente

17074

HS 12

UV CERTIFICATE
flat, very good light dispersion / plano, muy buena dispersión de la luz



1m (standard)
2m (standard)
3m*

frosted / opal

00157

clear / transparente

00158

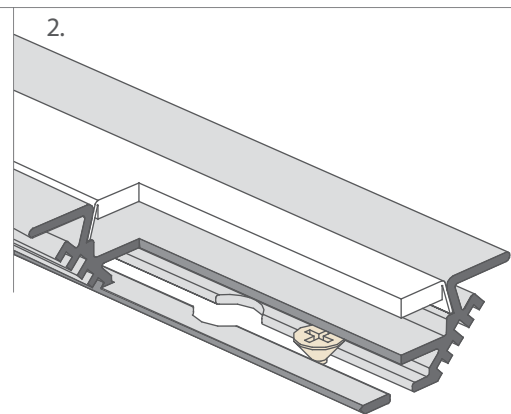
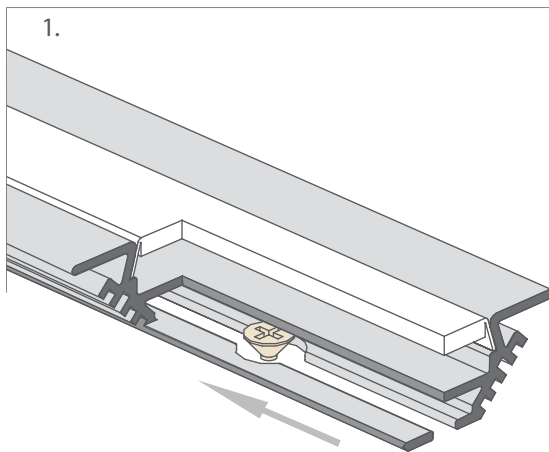
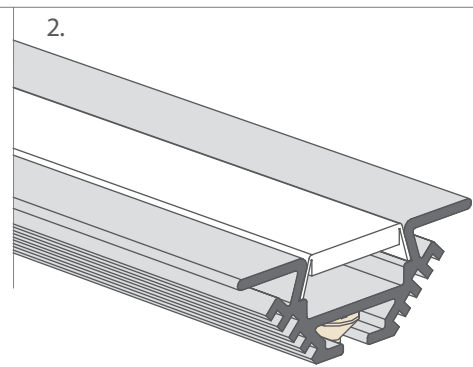
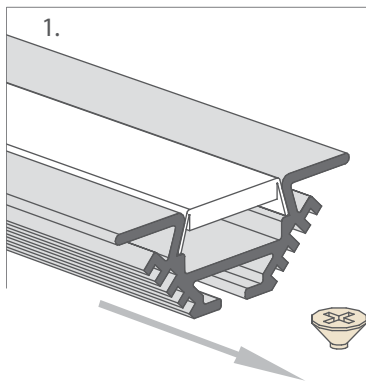
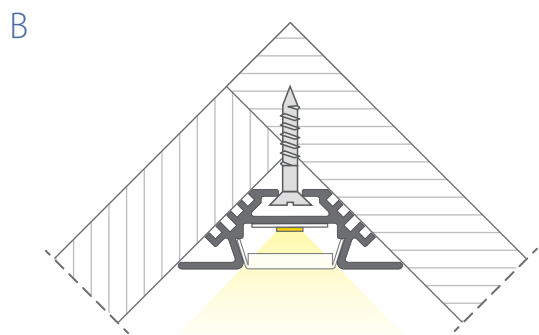
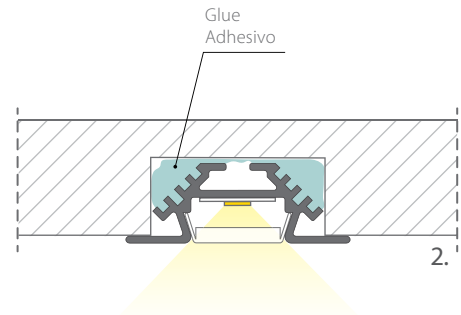
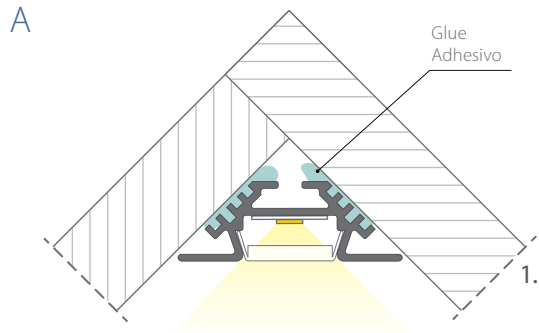
PAC-ALU END CAP / TAPA FINAL PAC-ALU

00084



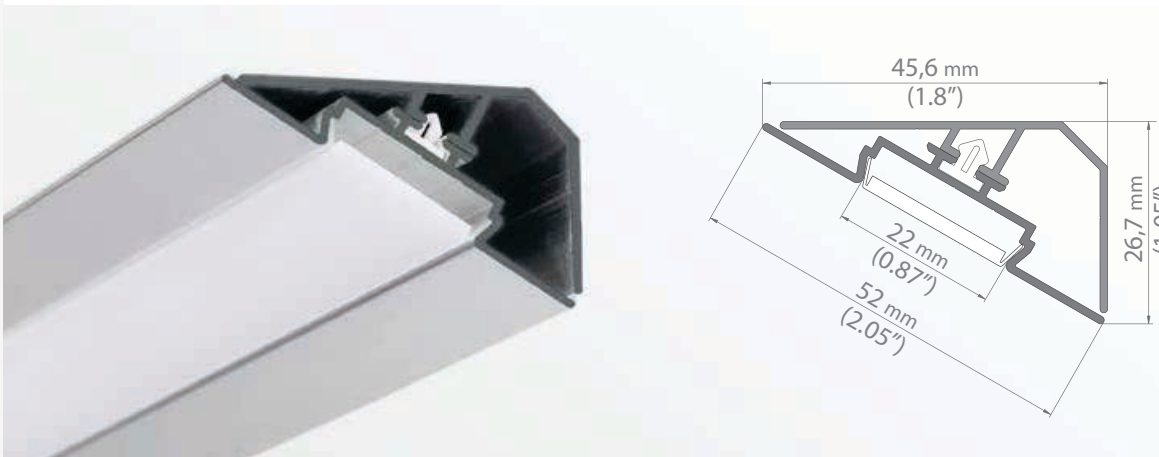
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

** Special order / Pedido especial.









LOC-30
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *

2 x LED strip
max. 10,8 mm

anodized
anodizado

18015ANODA

COVERS / DIFUSORES

HS 22



1m (standard)
2m (standard)
3m*

frosted / opal

17011

clear / transparente

17022

LIGER 22



MUN 22



1m (standard)
2m (standard)
3m*

frosted matte / opal mate

optical material / material óptico

LIGER 22: 17032

clear matte / transparente mate

MUN 22: 17042

LOC-30 END CAP / TAPA FINAL LOC-30

24022



right
derecha

24023



left
izquierda

TEKNIK CLIP / CLIP TEKNIK

24003



OPTIONAL ACCESSORIES / ACCESORIOS OPCIONALES

kompensa L 24015



G-L 00413



G-L 17006



kompensa K 24020



G-K 17007



G-K 00415

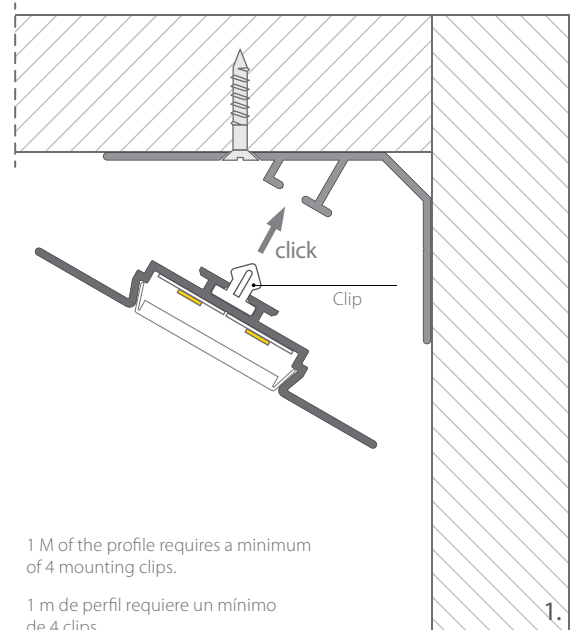




EN Very good for lighting work areas, fixture directs light at a 30 degree angle can be used with a proximity switch.

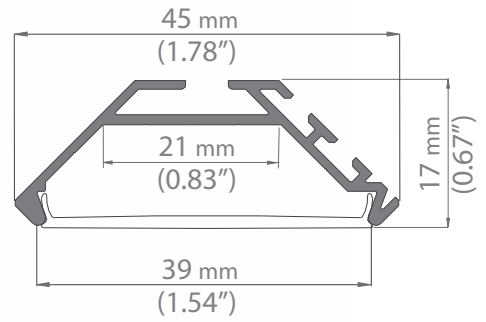
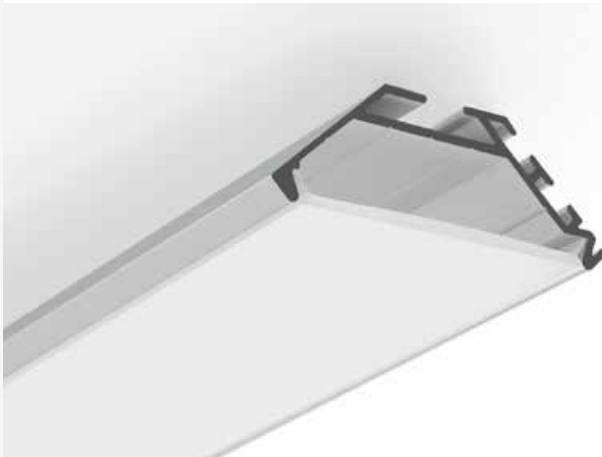
ES Ideal para iluminar areas de trabajo. El perfil dirige la luz en un ángulo de 30°. Se puede instalar el interruptor de proximidad.

Example of running power
Ejemplo de conexión






1 M of the profile requires a minimum of 4 mounting clips.

1 m de perfil requiere un mínimo de 4 clips



KOPRO Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m *	2 x LED strip max. 10,8 mm	anodized anodizado	B6367ANODA

COVERS / DIFUSORES

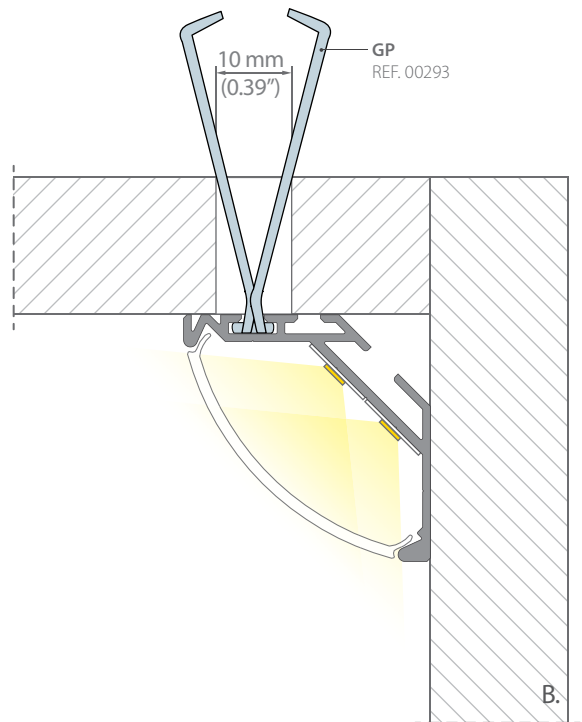
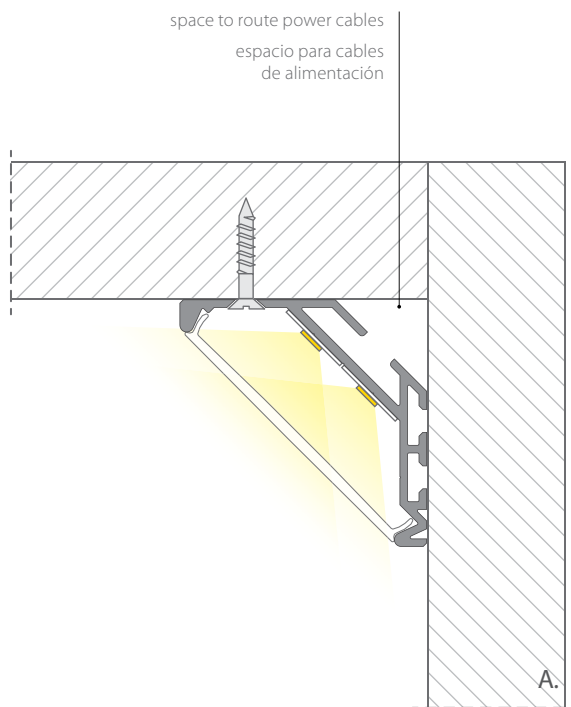
KOPRO-P 	1m (standard) 2m (standard) 3m*	frosted / opal	17091
KOPRO-L 	1m (standard) 2m (standard) 3m*	frosted / opal	17092
KOPRO-K 	1m (standard) 2m (standard) 3m*	frosted / opal	17093

KOPRO END CAP / TAPA FINAL LOC-30

KOPRO-P 24117	KOPRO-L 24116	KOPRO-K 24115
		

MOUNTING SPRING / RESORTE DE MONTAJE

GP 00293







Watch our videos on YouTube channel 



TRIADA Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m* 3 - 6m**	3 x LED strip max. 12,8 mm	anodized anodizado	B4476ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

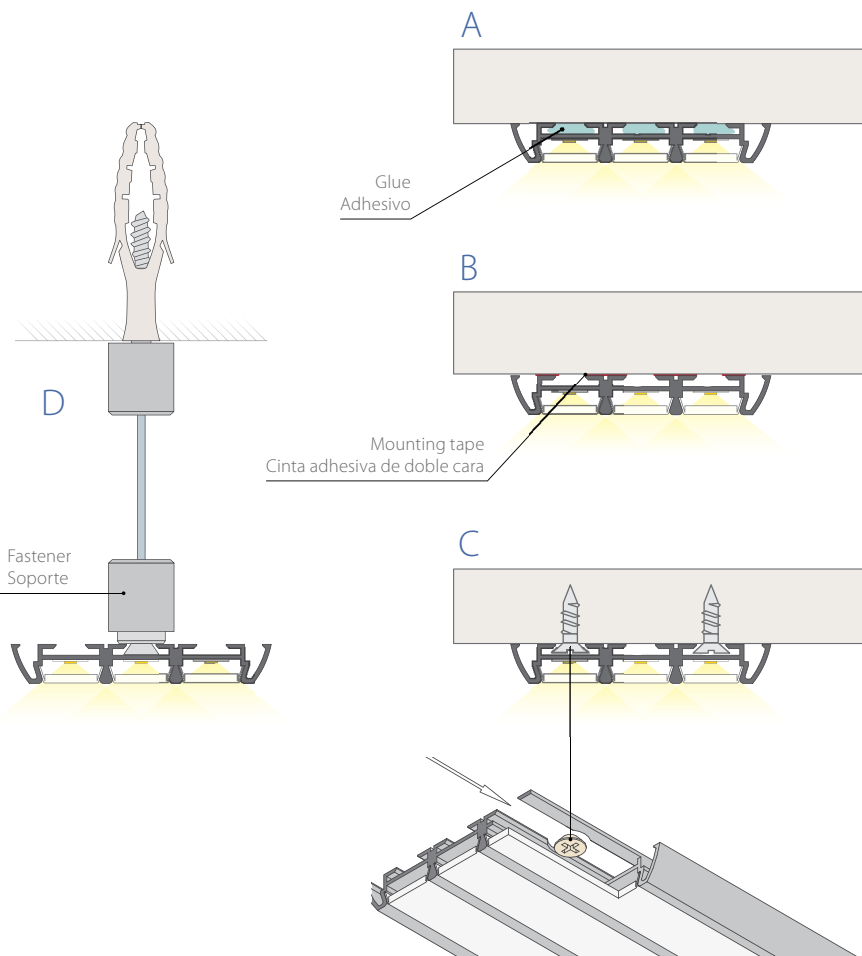
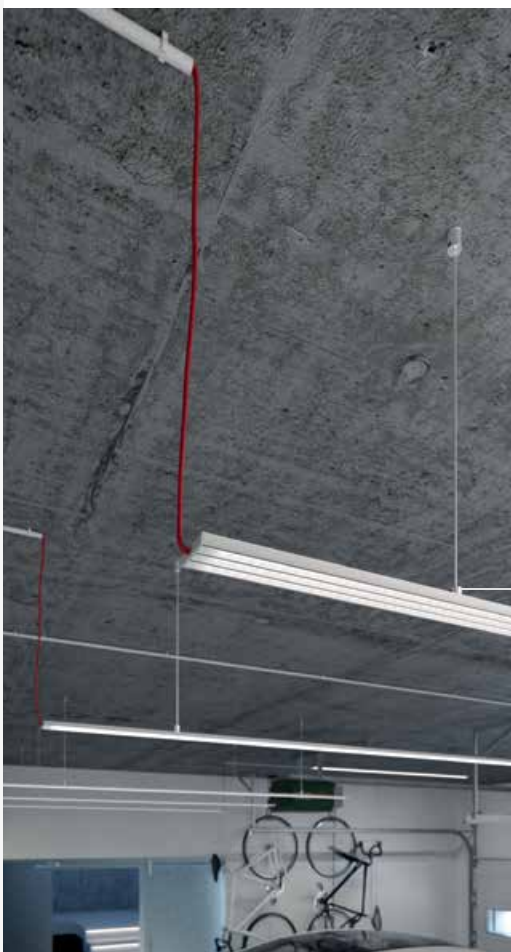
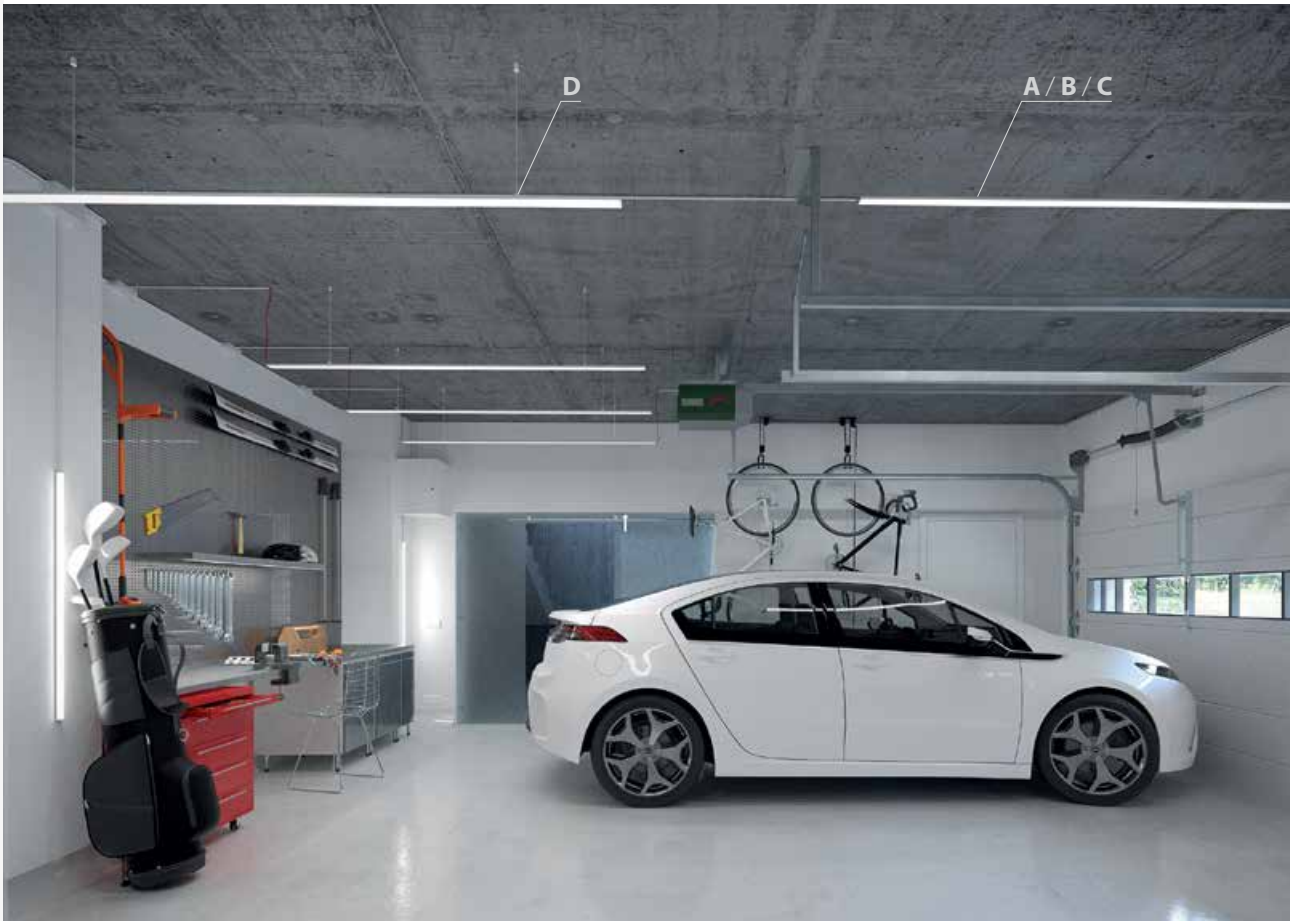
K 12		CLICK! <i>easy to assemble / fácil montaje</i>		
		1m (standard)	frosted / opal	00155
		2m (standard) 3m*	clear / transparente	00156
KA-BIS 12		CLICK! <i>easy to assemble, very good light dispersion / fácil montaje, muy buena dispersión de la luz</i>		
		1m (standard)	frosted / opal	17073
		2m (standard) 3m*	clear / transparente	17074
HS 12		UV CERTIFICATE <i>flat, very good light dispersion / plano, muy buena dispersión de la luz</i>		
		1m (standard)	frosted / opal	00157
		2m (standard) 3m*	clear / transparente	00158

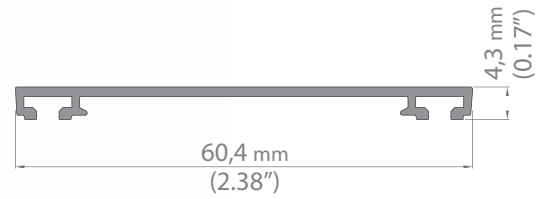
TRIADA END CAP / TAPA FINAL TRIADA



LED Extrusions Perfil LED

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.





TETRA-43
Extrusion / Perfil

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *
3 - 6m **

anodized
anodizado

W4476ANODA

TETRA-43 END CAP / TAPA FINAL TETRA-43

24044

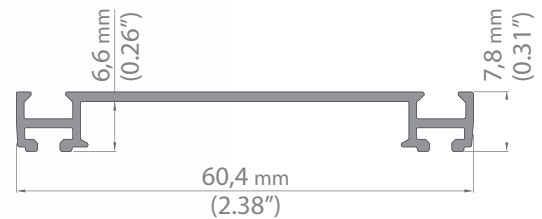


24058



TEKNIK CLIP / CLIP TEKNIK

24003



TETRA-78 PROFIL

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *
3 - 6m **

anodized
anodizado

W4508ANODA

TETRA-78 END CAP / TAPA FINAL TETRA-78

24043



24057



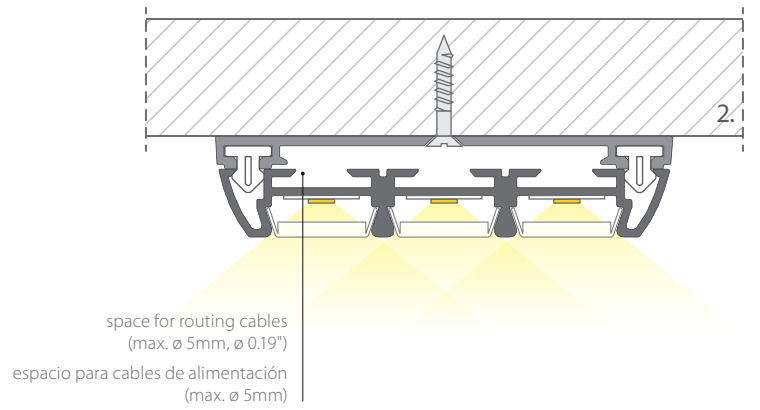
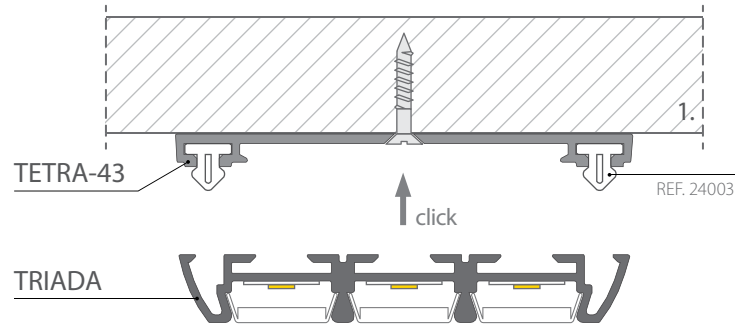
TEKNIK CLIP / CLIP TEKNIK

24003

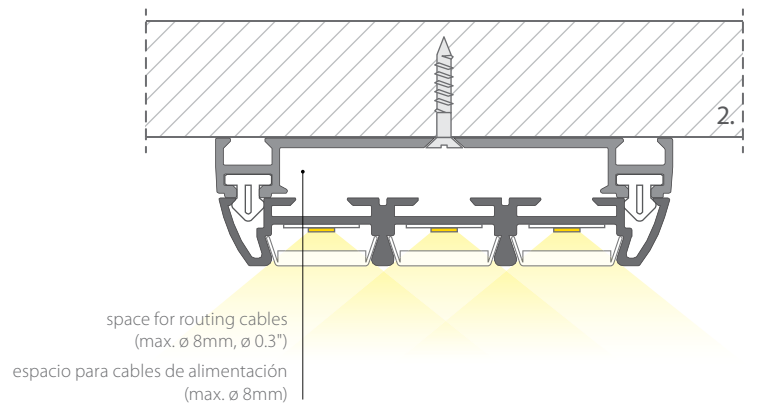
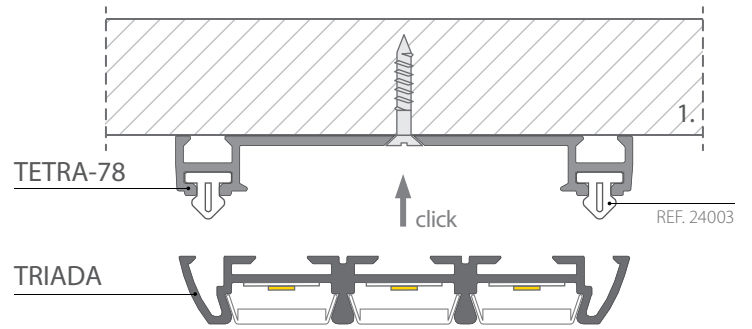


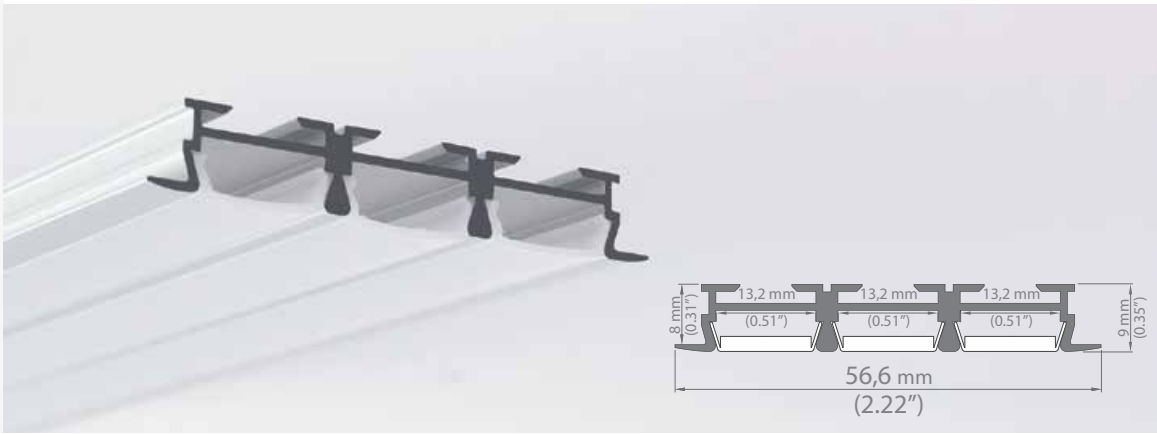
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

TETRA-43



TETRA-78





TRIADA - K Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
----------------------------------	--------------------	-----------------------------------	--	------------------------------



1m (standard)
2m (standard)
3m*
3 - 6m**

3 x LED strip
max. 12,8 mm

anodized
anodizado

B4477ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

K 12

CLICK!
easy to assemble / fácil montaje



1m (standard)
2m (standard)
3m*

frosted / opal

00155

clear / transparente

00156

KA-BIS 12

CLICK!
easy to assemble, very good light dispersion / fácil montaje,
muy buena dispersión de la luz



1m (standard)
2m (standard)
3m*

frosted / opal

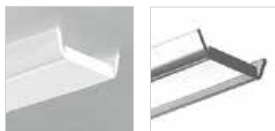
17073

clear / transparente

17074

HS 12

UV CERTIFICATE
flat, very good light dispersion / plano, muy buena dispersión de la luz



1m (standard)
2m (standard)
3m*

frosted / opal

00157

clear / transparente

00158

TRIADA-K END CAP / TAPA FINAL TRIADA-K

000100

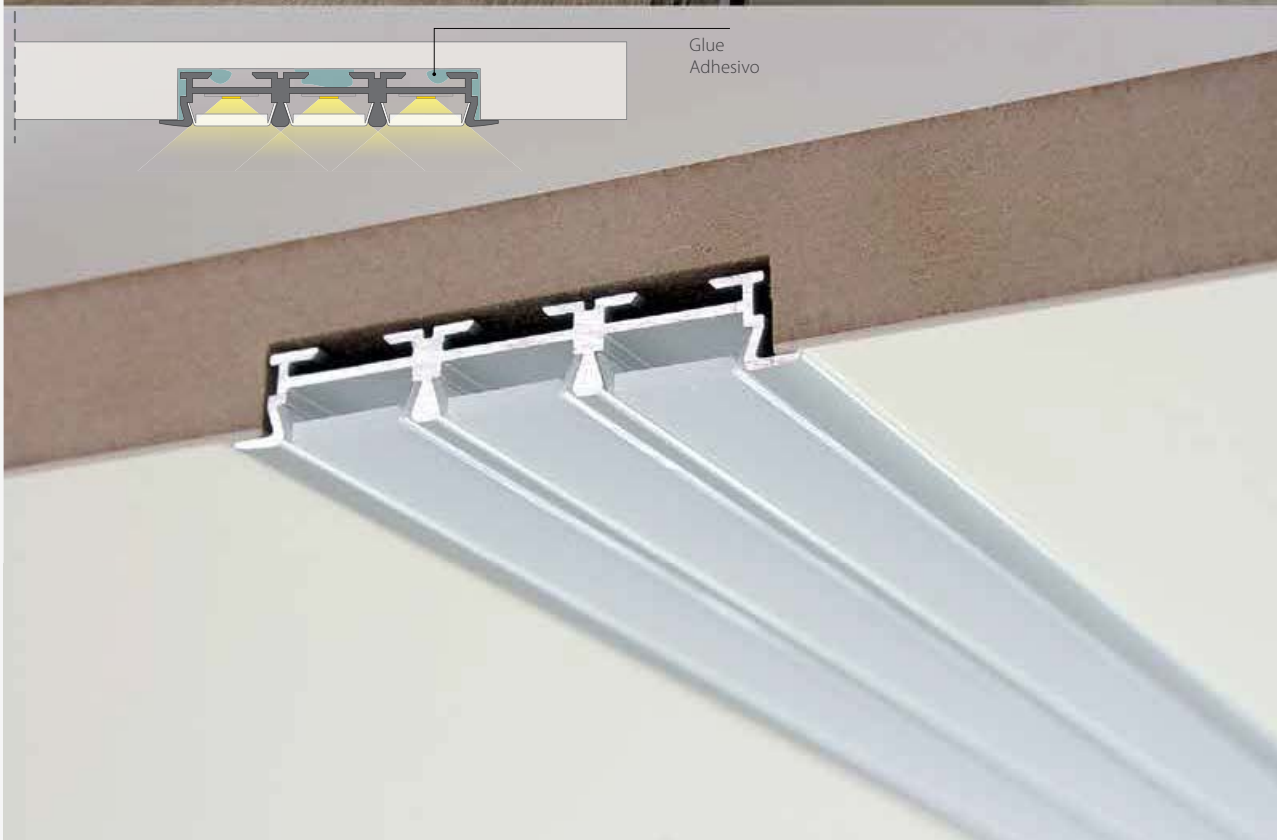


MOUNTING SPRING / RESORTE DE MONTAJE

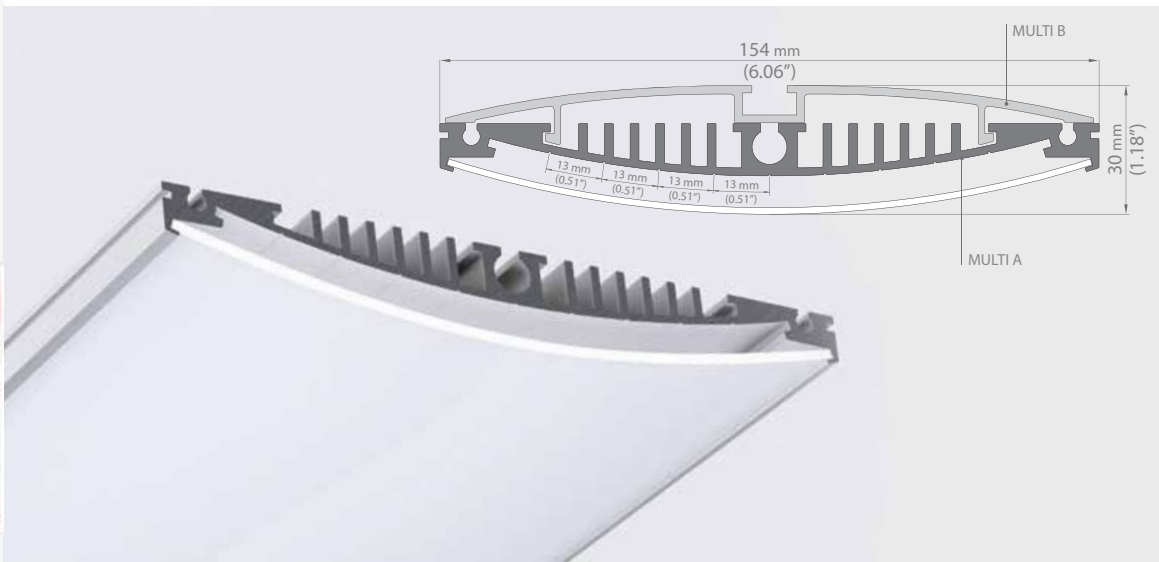
KDU 00844



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.



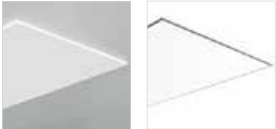
Watch our videos
on YouTube channel
YouTube



MULTI - A Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	10 x LED strip max. 10,8 mm	anodized anodizado	B4570ANODA
MULTI - B PROFIL	length Longitud		surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **		anodized anodizado	B4569ANODA

COVERS / DIFUSORES


MULTI COVER / DIFUSOR MULTI

	1m (standard)	frosted / opal	00428
	2m (standard) 3m *	clear / transparente	00435

OPTICAL COVER

88% light transmission, without glare / 88% de transmisión de luz, sin deslumbramiento

MUN

	1m (standard) 2m (standard) 3m *	clear matte / transparente mate	17041
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MULTI END CAP / TAPA FINAL MULTI



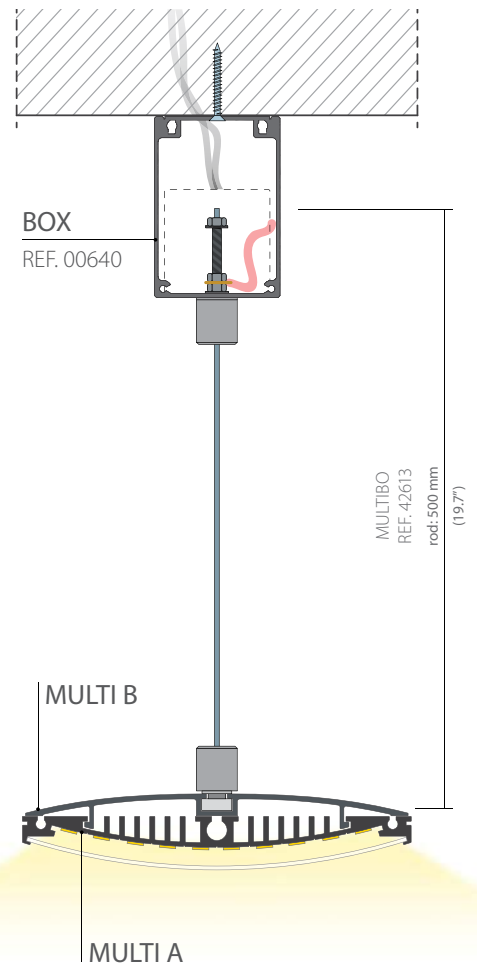
LED Extrusions Perfil LED

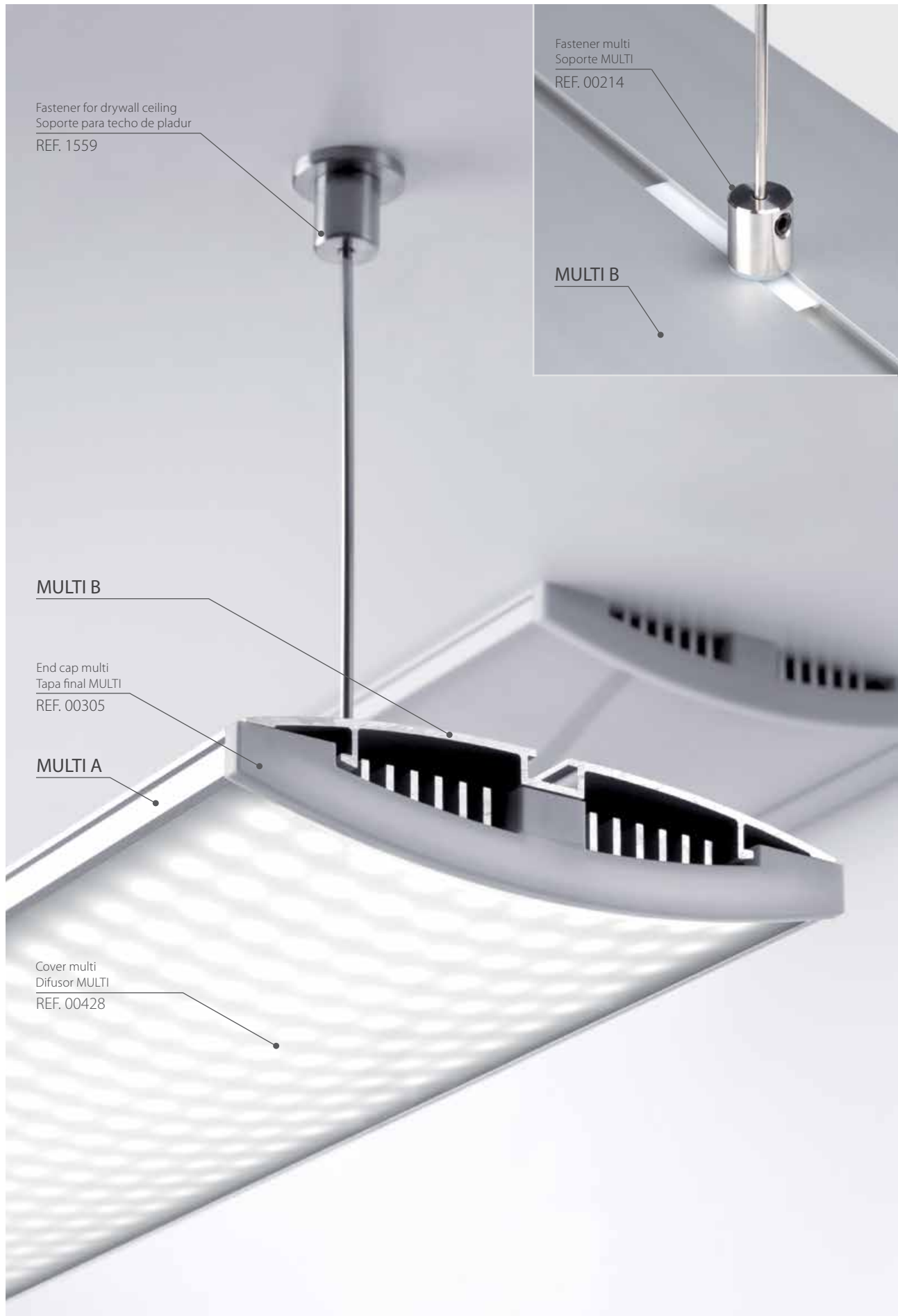
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

FASTENERS / SOPORTES

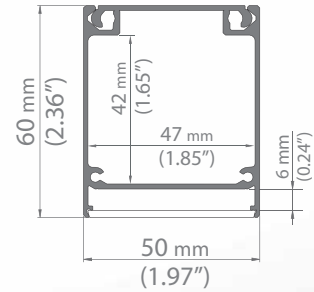


FASTENERS / SOPORTES









INTER KPL.
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *

4 x LED strip
max. 10 mm
3 x LED strip
max. 12 mm

profile: anodized
perfil: anodizado

18011ANODA

COVERS / DIFUSORES

HSP47



1m (standard)
2m (standard)
3m *

frosted / opal

17051

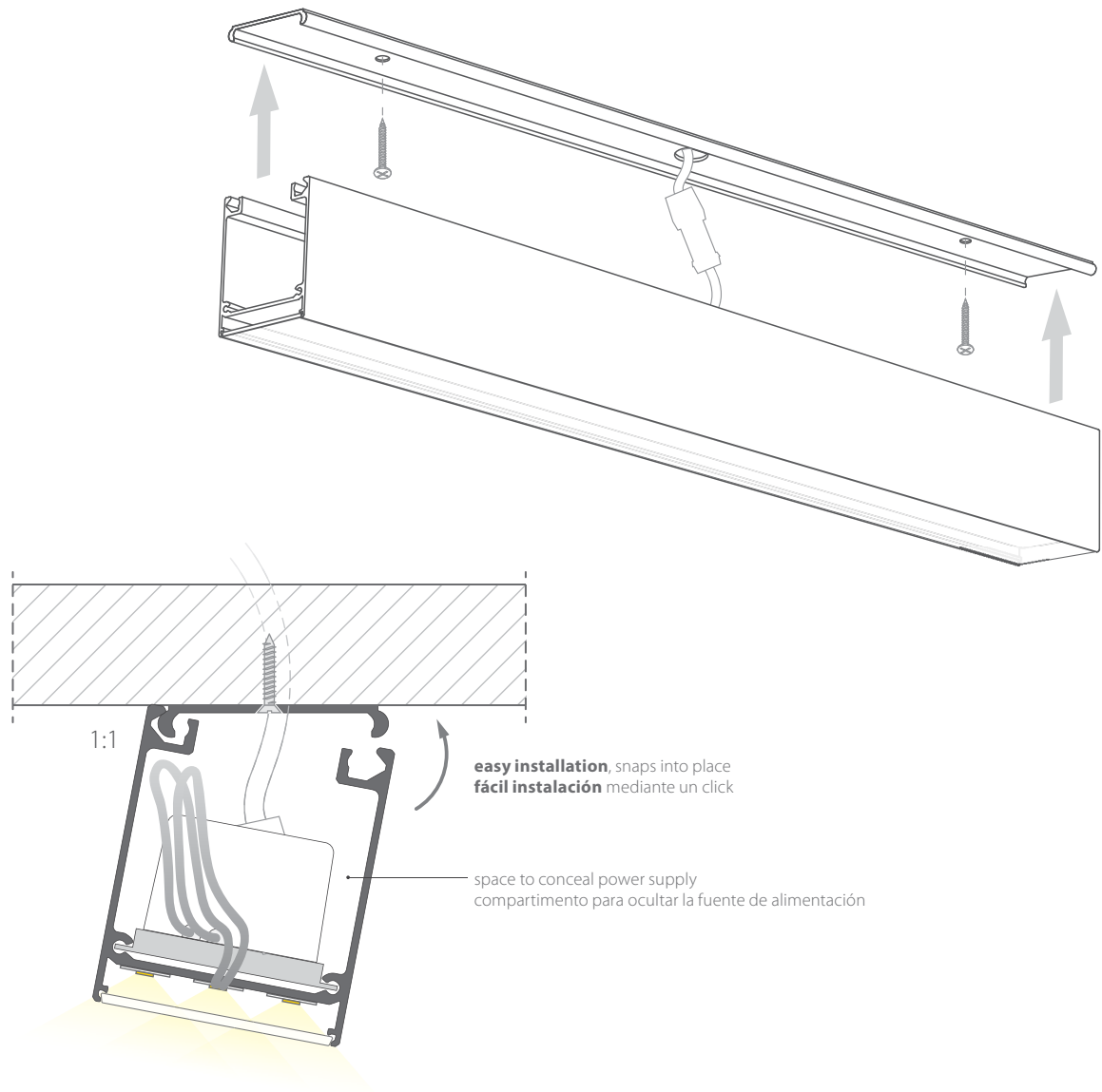
clear / transparente

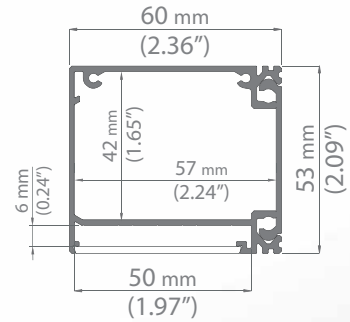
17062

INTER END CAP / TAPA FINAL INTER

24011







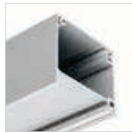
IKON KPL.
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *

4 x LED strip
max. 10 mm
3 x LED strip
max. 12 mm

profile: anodized
perfil: anodizado

18013ANODA

COVERS / DIFUSORES

HSP47



1m (standard)
2m (standard)
3m *

frosted / opal

17051

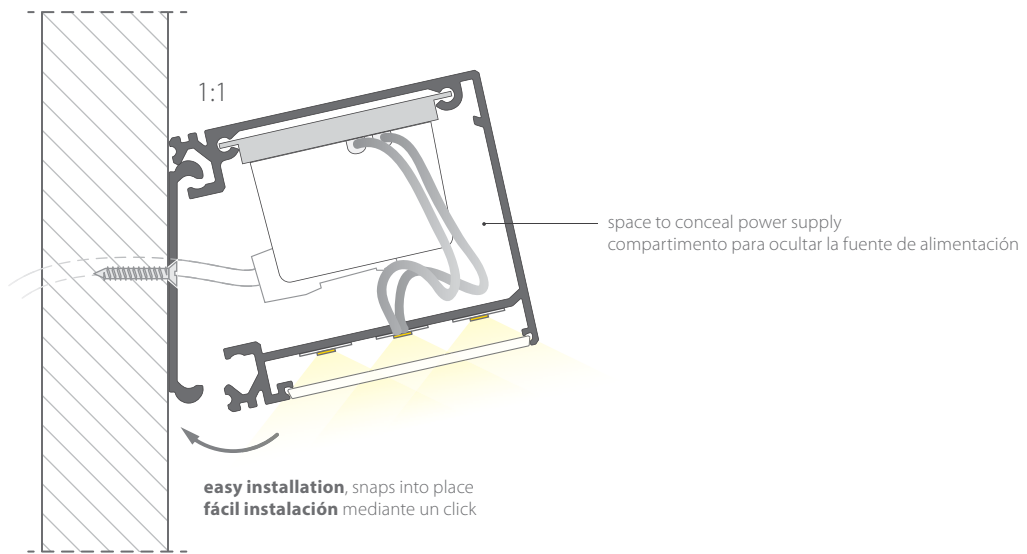
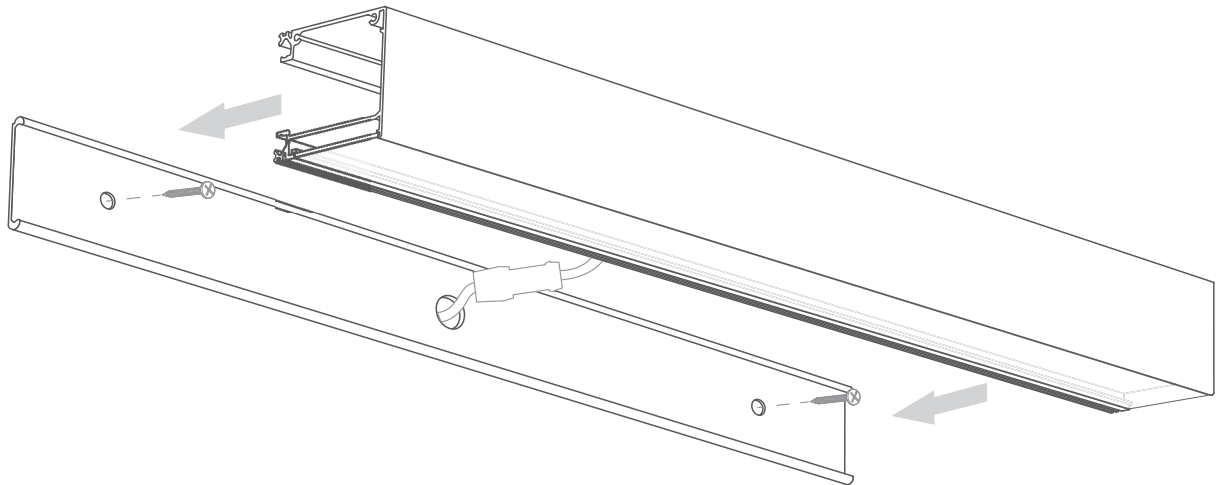
clear / transparente

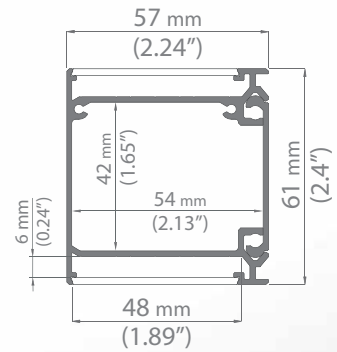
17062

IKON END CAP / TAPA FINAL IKON

24013







IDOL KPL.
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *

4 x LED strip
max. 10 mm
3 x LED strip
max. 12 mm

profile: anodized
perfil: anodizado

18014ANODA

COVERS / DIFUSORES

HSP47



1m (standard)
2m (standard)
3m *

frosted / opal

17051

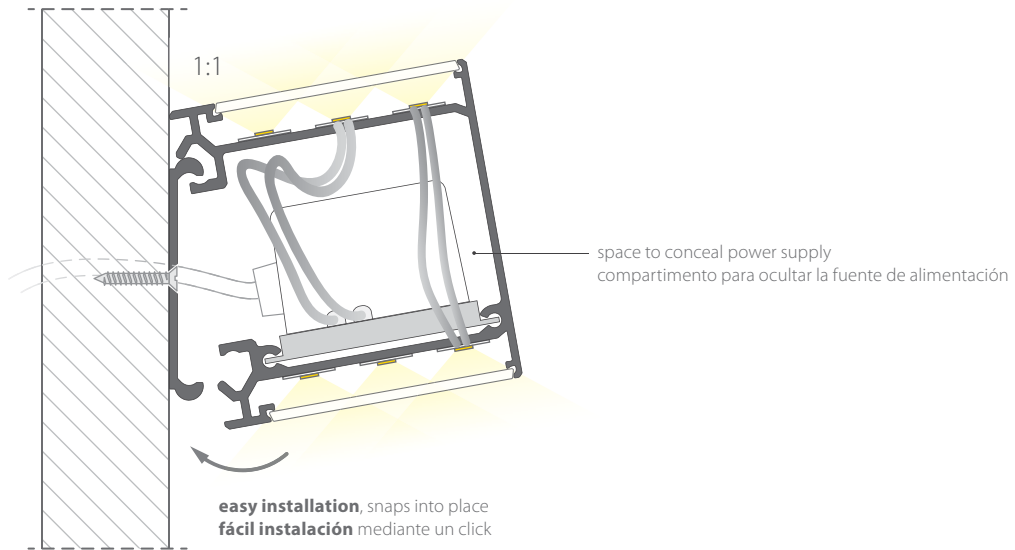
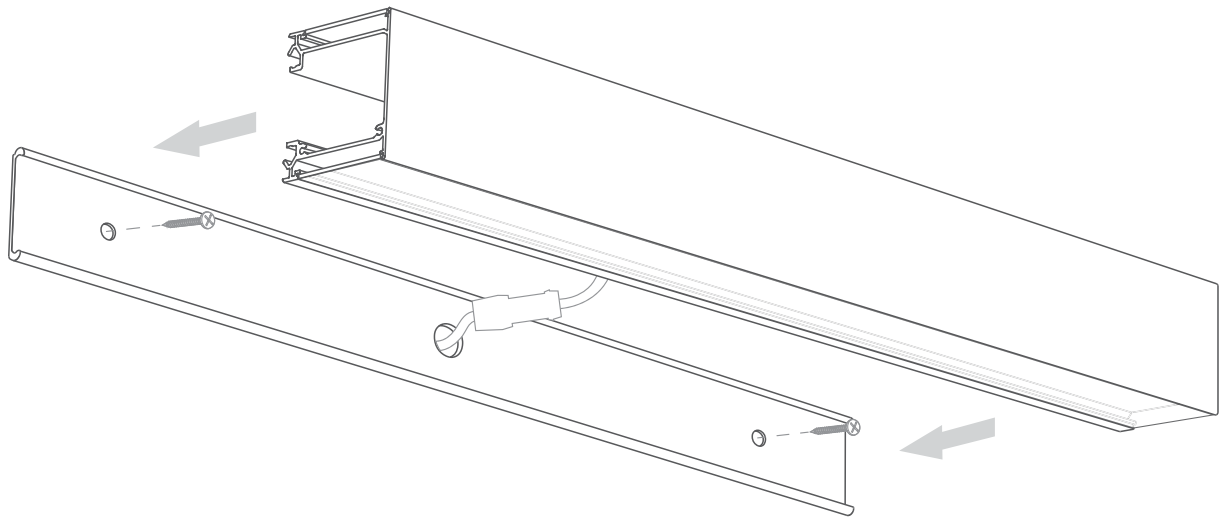
clear / transparente

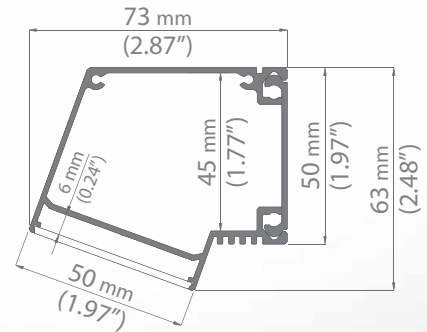
17062

IDOL END CAP / TAPA FINAL IDOL

24012







IMET KPL.
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *

4 x LED strip
max. 10 mm
3 x LED strip
max. 12 mm

profile: anodized
perfil: anodizado

18012ANODA

COVERS / DIFUSORES

HSP47



1m (standard)
2m (standard)
3m *

frosted / opal

17051

clear / transparente

17062

IMET END CAPS / TAPAS FINALES IMET

24016

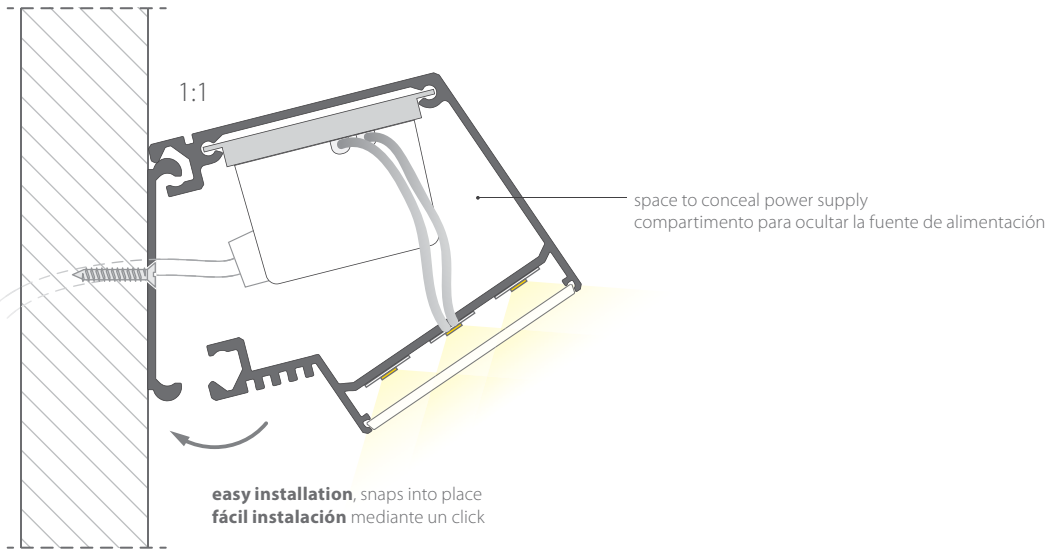
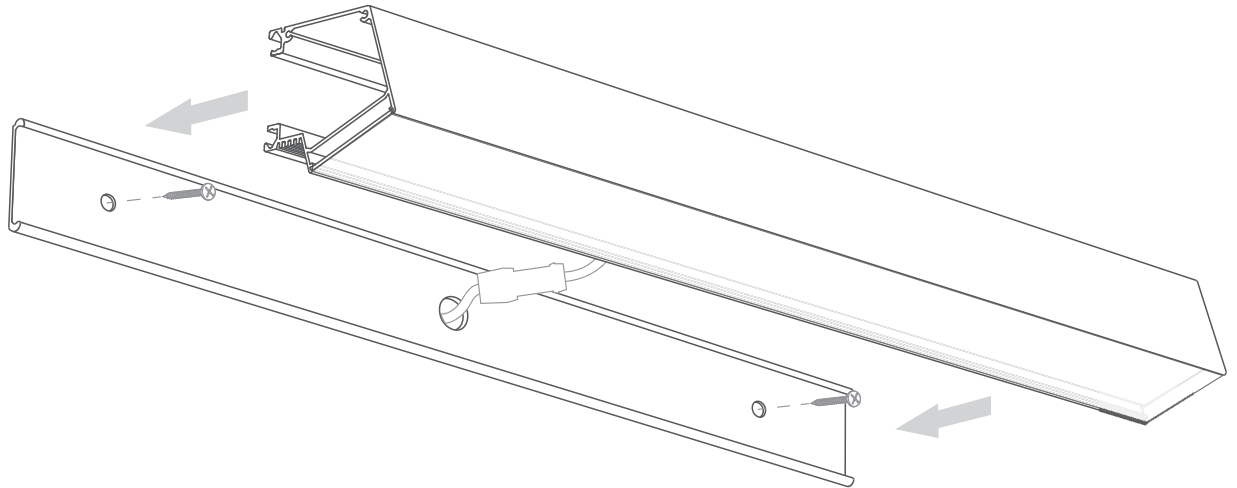


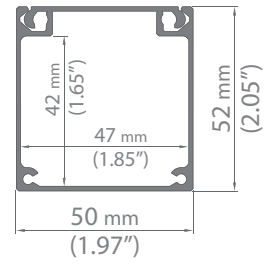
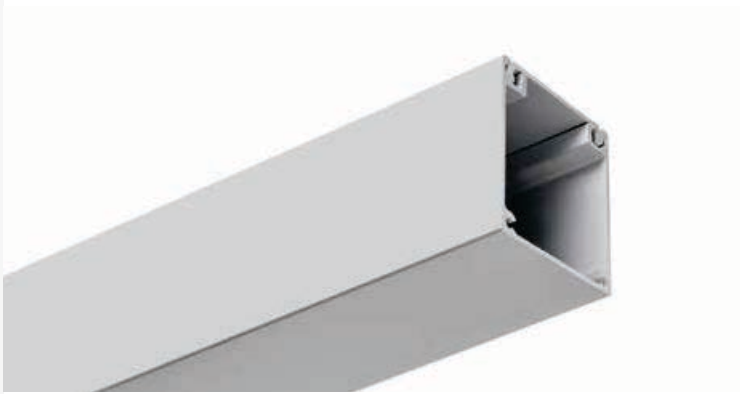
right
derecha

24017



left
izquierda





NIBO KPL.
Extrusion / Perfil

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
2 - 6m *

anodized
anodizado

18010ANODA

NIBO END CAP / TAPA FINAL NIBO

24001



FASTENERS / SOPORTES

00643



Longitudinal Fastener for BOX Profile
Soporte longitudinal para perfil BOX

42554



Transverse Fastener for BOX Profile
Soporte transversal para perfil BOX

LED Extrusions Perfil LED

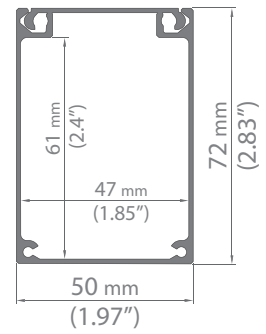
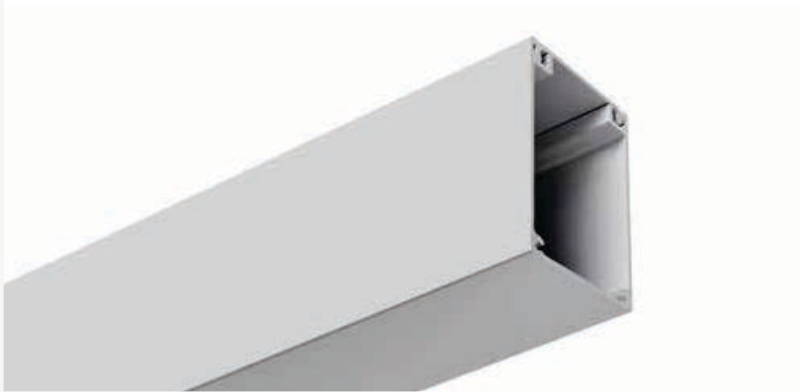


easy installation, snaps into place
fácil instalación mediante un click

Longitudinal Fastener for BOX Profile
Soporte longitudinal para perfil BOX

GIP

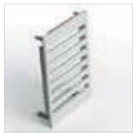
* Special order / Pedido especial.



BOX KPL. Extrusion / Perfil	length Longitud	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 2-6m *	anodized anodizado	00640ANODA

BOX END CAP / TAPA FINAL BOX

00314



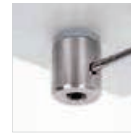
FASTENERS / SOPORTES

00643



Longitudinal Fastener for BOX Profile
Soporte longitudinal para perfil BOX

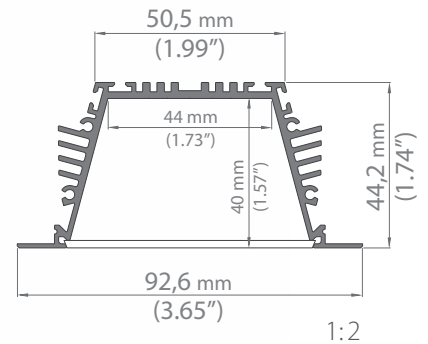
42554



Transverse Fastener for BOX Profile
Soporte transversal para perfil BOX



* Special order / Pedido especial.



SEKODU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
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1m (standard) 2m (standard) 3m **	4 x LED strip max. 10,8 mm	anodized anodizado	B6597ANODA
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COVERS / DIFUSORES

SZER



1m (standard) 2m (standard) 3m*	frosted / opal	17081
	clear / transparente	17082

SZER-L



1m (standard) 2m (standard)	frosted matte / opal mate	17083
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LINE OF LIGHT
optical material / material óptico

SEKODU KPL. END CAP / TAPA FINAL SEKODU KPL.

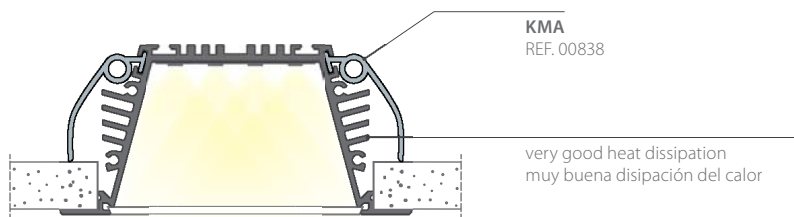


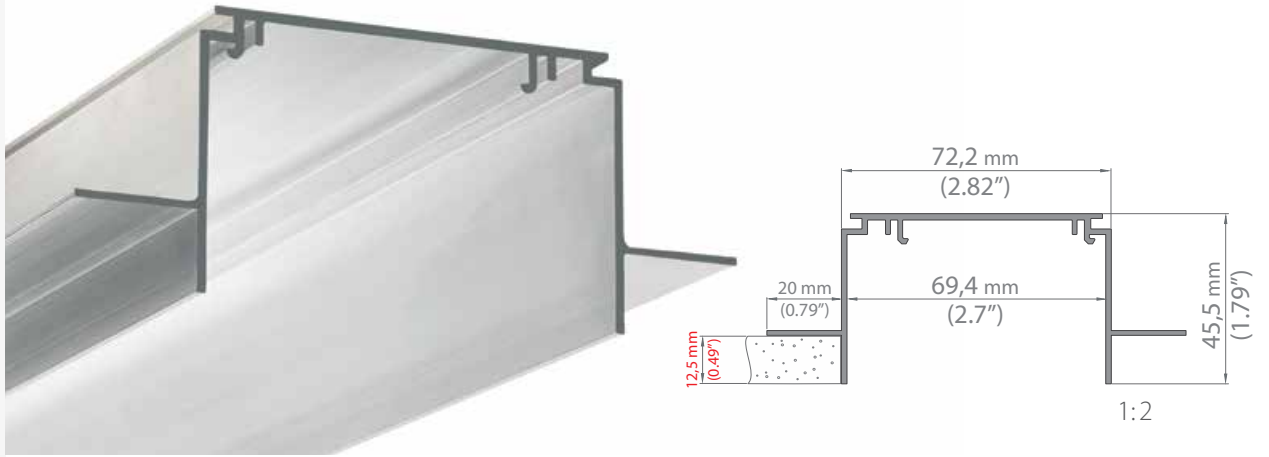
MOUNTING SPRING / RESORTE DE MONTAJE



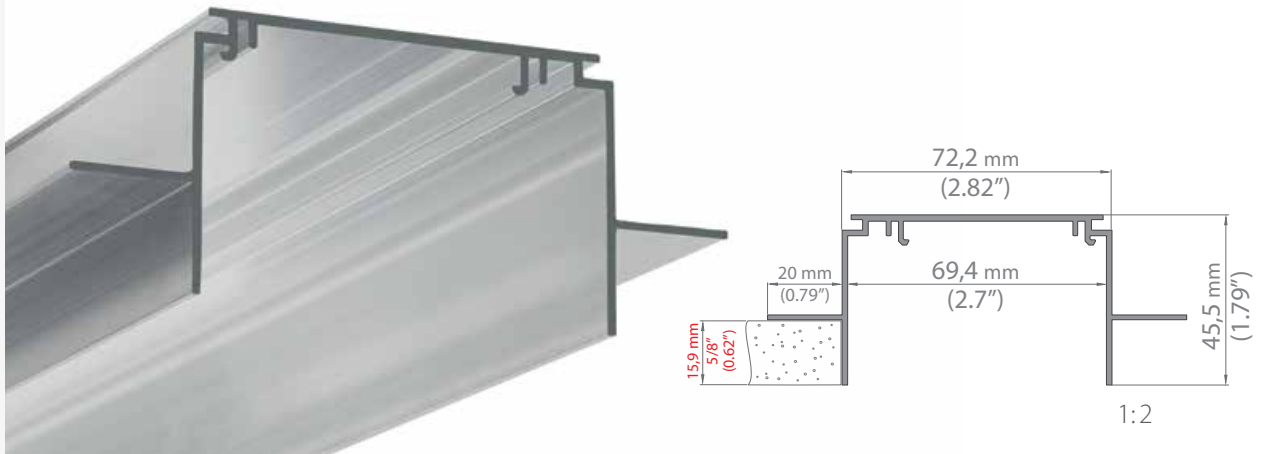
LED Extrusions Perfil LED

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.





TESE KPL. Extrusion / Perfil	length Longitud	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m *	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	18021NA



TES-16 KPL. Extrusion / Perfil	length Longitud	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m *	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	18022NA

LED Extrusions Perfil LED

TESE END CAP / TAPA FINAL TESE

24047

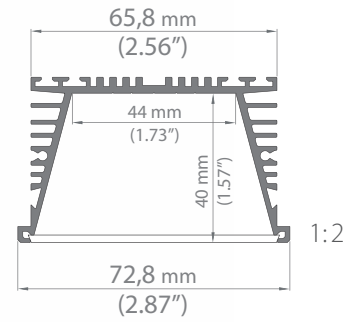
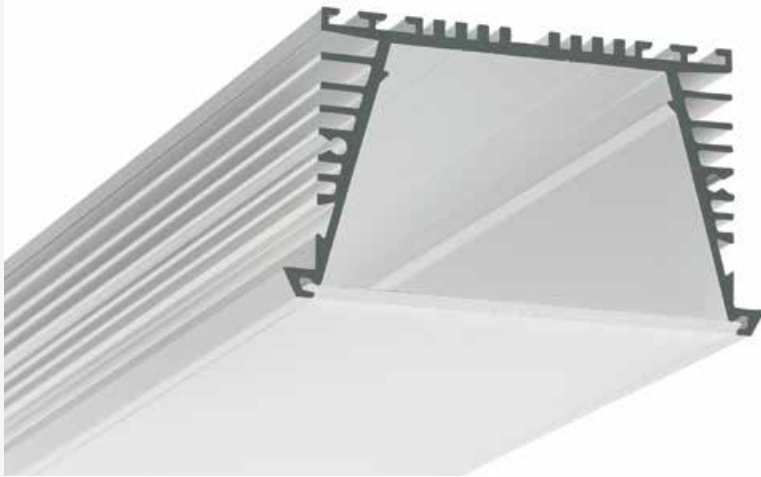


BLOK - MOUNTING SPRING / RESORTE DE MONTAJE

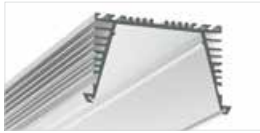
42731



* Special order / Pedido especial.



SEKOMA Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
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1m (standard)
2m (standard)
3m**

4 x LED strip
max. 10,8 mm

anodized
anodizado

B6595ANODA

COVERS / DIFUSORES

SZER



1m (standard)
2m (standard)
3m*

frosted / opal

17081

clear / transparente

17082

SZER-L



1m (standard)
2m (standard)

frosted matte / opal mate

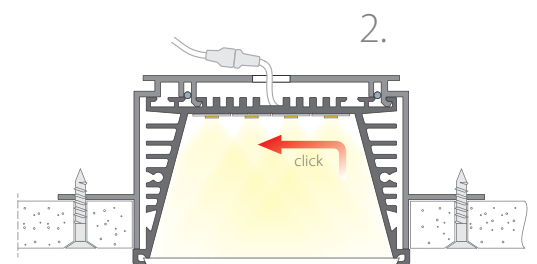
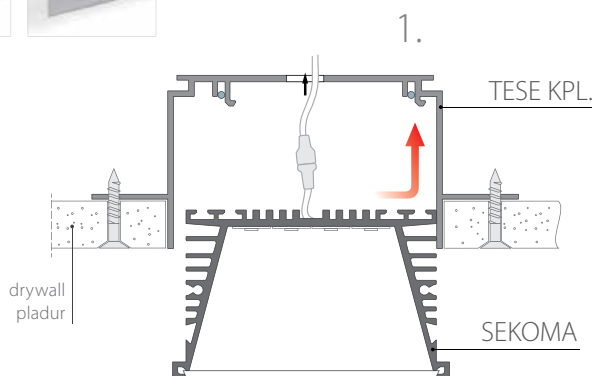
17083

LINE OF LIGHT
optical material / material óptico

SEKOMA KPL. END CAP / TAPA FINAL SEKOMA KPL.

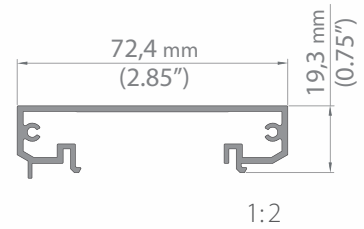
24109

24110



very good heat dissipation, safe and strong attachment
muy buena disipación del calor, accesorio seguro, fuerte colocación

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.



TESPO KPL.
Extrusion / Perfil

length
Longitud

surface finish
Acabado de la superficie

article number
Referencia

1m (standard)
2m (standard)
3m *

anodized
anodizado

18020ANODA

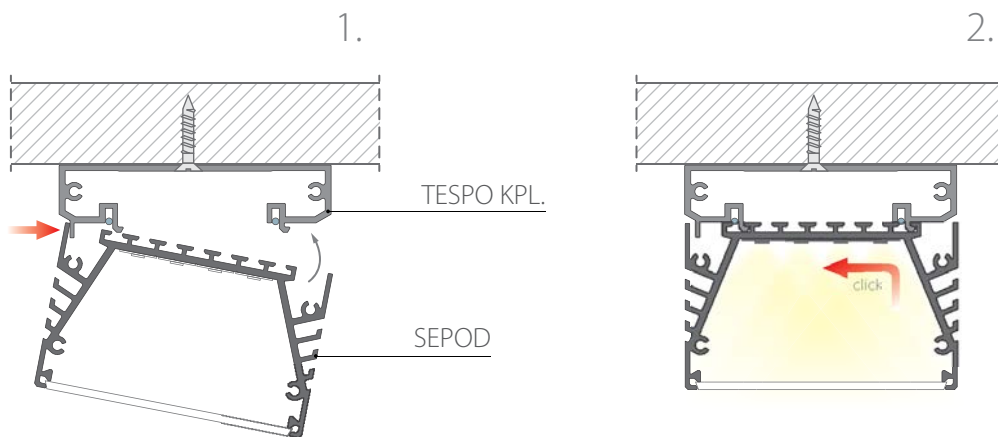
TESPO-MET KPL. END CAP / TAPA FINAL TESPO-MET KPL.

24105

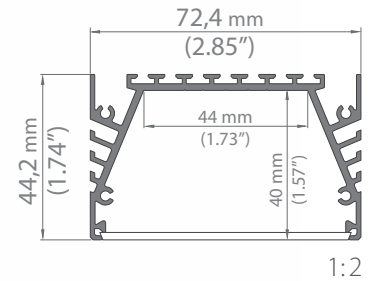


BLOK - MOUNTING SPRING / RESORTE DE MONTAJE

42731



very good heat dissipation, safe and strong attachment
muy buena disipación del calor, accesorio seguro, fuerte colocación



SEPOD

Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m**

4 x LED strip
max. 10,8 mm

anodized
anodizado

B6593ANODA

COVERS / DIFUSORES

SZER



1m (standard)
2m (standard)
3m*

frosted / opal

17081

clear / transparente

17082

SZER-L



1m (standard)
2m (standard)

frosted matte / opal mate

17083

LINE OF LIGHT
optical material / material óptico

SEPOD-MET KPL. END CAP / TAPA FINAL SEPOD-MET KPL.

24106

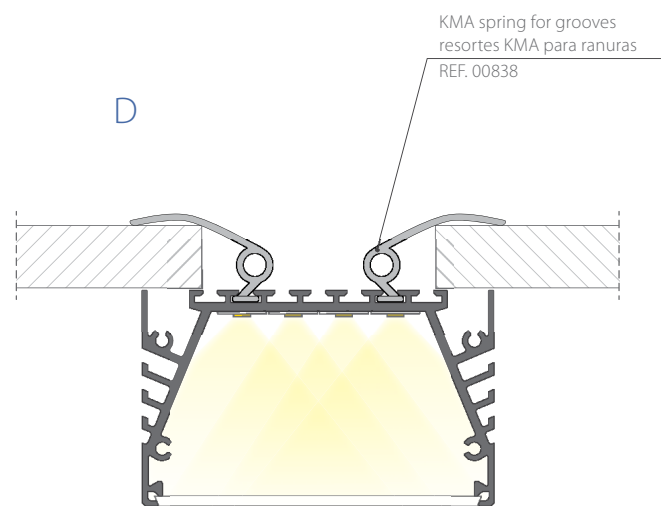
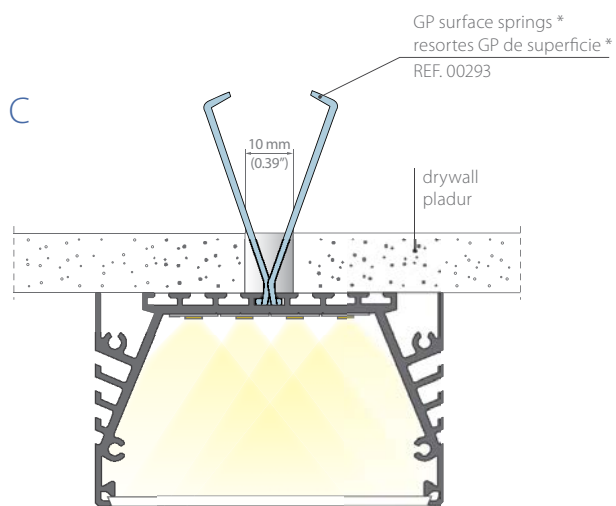
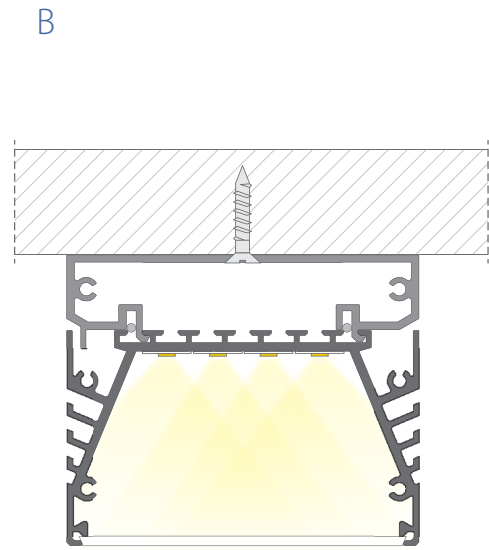
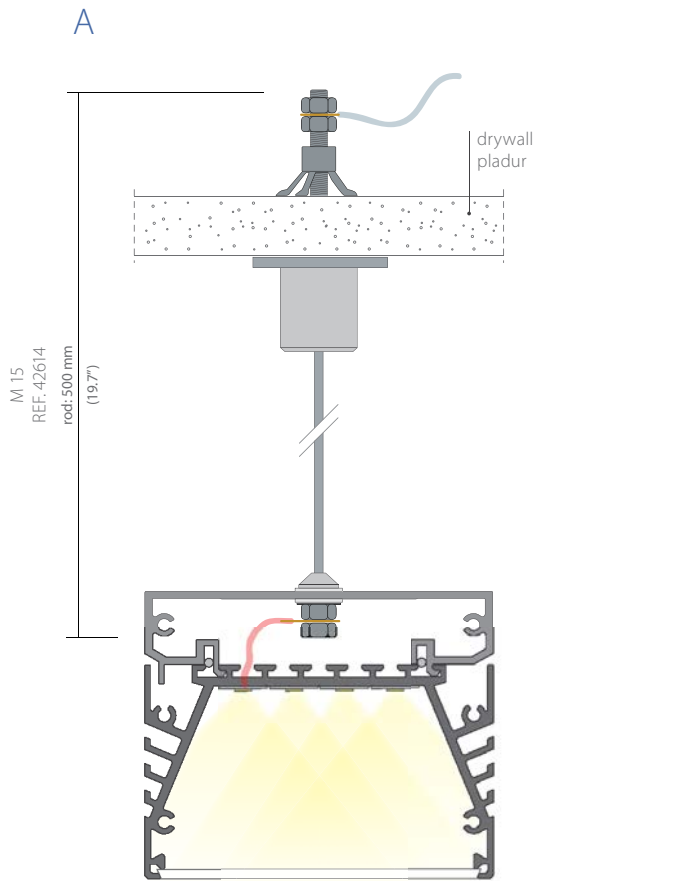


MOUNTING SPRING / RESORTE DE MONTAJE

KMA 00838 **GP** 00293



* Available by arrangement with the sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

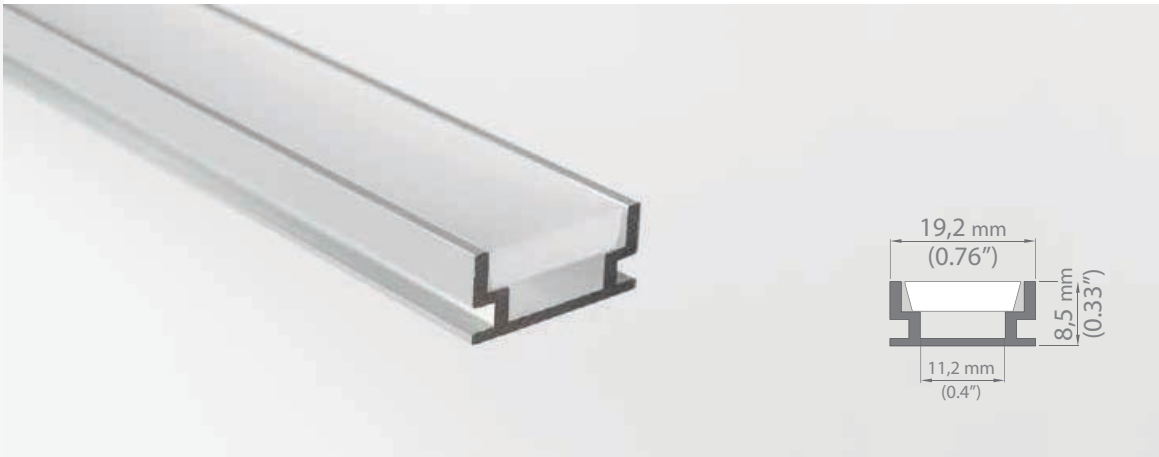


* We recommend the use of two GP springs for lamps with a max. Length of 50 cm.



TESPO, SEPOD

SEKODU



HR - ALU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED strip max. 10,8 mm	non anodized (raw - aluminum) no anodizado (aluminio en bruto)	B1889NA
			anodized anodizado	B1889ANODA

EN **Designed to meet IP 67 waterproof level.**

Construction of the extrusion when installed in floor applications allows it to bear standard loads, maintenance and usage. Height of the profile allows it to be mounted in very small spaces, as thin as the thickness of a tile and layer of glue. Recommended – SIKA: SIKASIL WS605-S, transparent.

ES **Diseñado para alcanzar un grado de protección IP67.**

Adecuado para su colocación en suelos. Soporta cargas estándar. La altura del perfil nos permite instalarlo en espacios reducidos, tan delgados como el espesor de la baldosa y la capa de adhesivo. Para el sellado del perfil se recomienda el uso de silicona – SIKA: SIKASIL WS605-S, transparente.

COVERS / DIFUSORES



1m (standard)
2m (standard)
3m *

frosted / opal

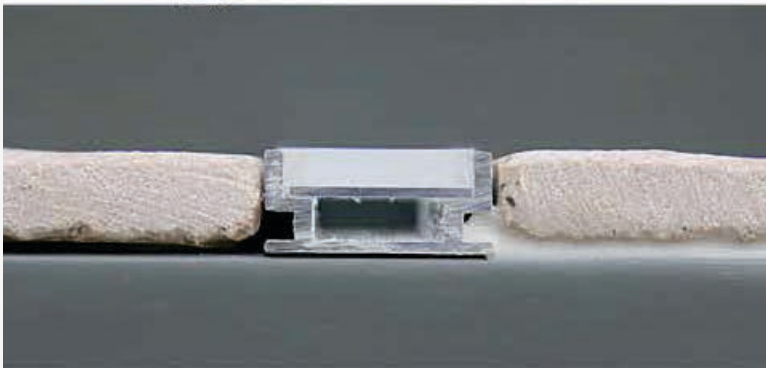
0945

HR-ALU END CAPS / TAPAS FINALES HR-ALU



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.

** Special order / Pedido especial.





HR - LINE Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
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1m (standard)
2m (standard)
3m *
3 - 6m **

1 x LED strip
max. 11,5 mm

non anodized (raw - aluminum)
no anodizado (aluminio en bruto)

B3579NA

anodized
anodizado

B3579ANODA

EN Designed to meet IP 67 waterproof level.
Profile construction makes it durable and sturdy, resistant to standard loads. For mounting in pavement: driveways, parking garages.
Recommended – SIKA: SIKASIL WS605-S, transparent.

ES Diseñado para alcanzar un grado de protección IP 67.
La construcción de este perfil, lo hace durable y robusto, resistente a cargas estándar. Para montaje en pavimentos: calzadas y aparcamientos.
Para el sellado del perfil se recomienda el uso de silicona – SIKA: SIKASIL WS605-S, transparente.

COVERS / DIFUSORES



1m (standard)
2m (standard)
3m *

frosted / opal

1316

HR-LINE END CAPS / TAPAS FINALES HR-LINE

1384

1445

HR-LINE-Z 00301



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.

BASE FOAM / BASE DE ESPUMA



length / Longitud: 1240 mm
width / ancho: 30mm
height / alto: 26mm*

EN **FOAM BASE Functions:**

selection of the right height of the foam base enables to level the HR-LINE Profile with the surface (such as different types of pavers)
„foam base” is elastic – it cushions the loads to which the HR-LINE Profile is exposed
„foam base” is a template for mounting the HR-LINE Profile, during the paver installation.

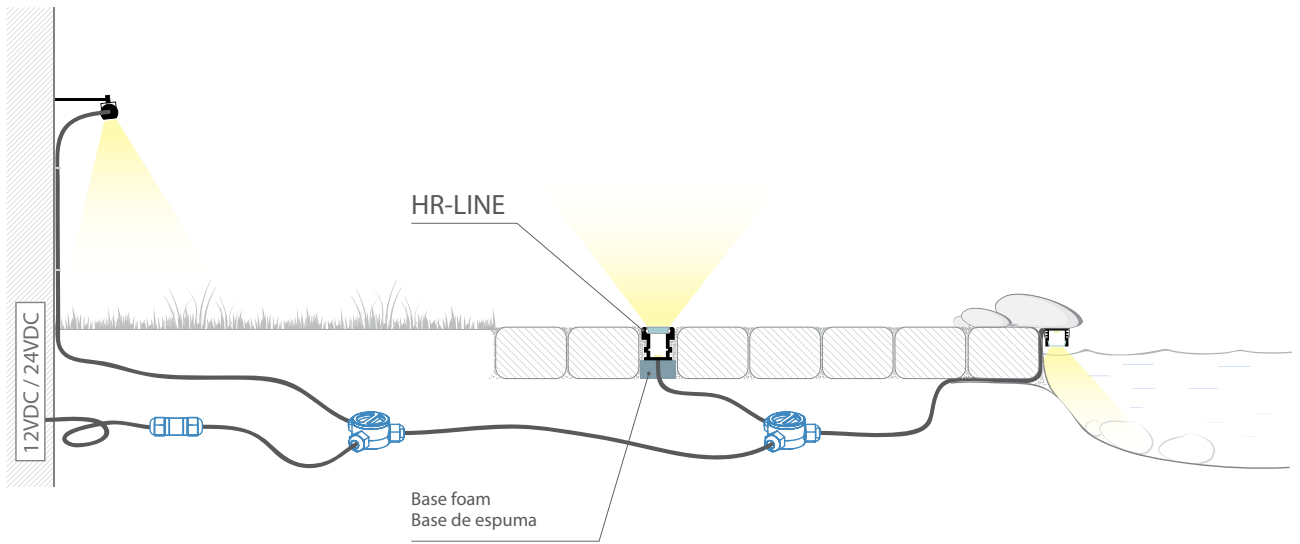
ES **Funciones de la base de espuma:**

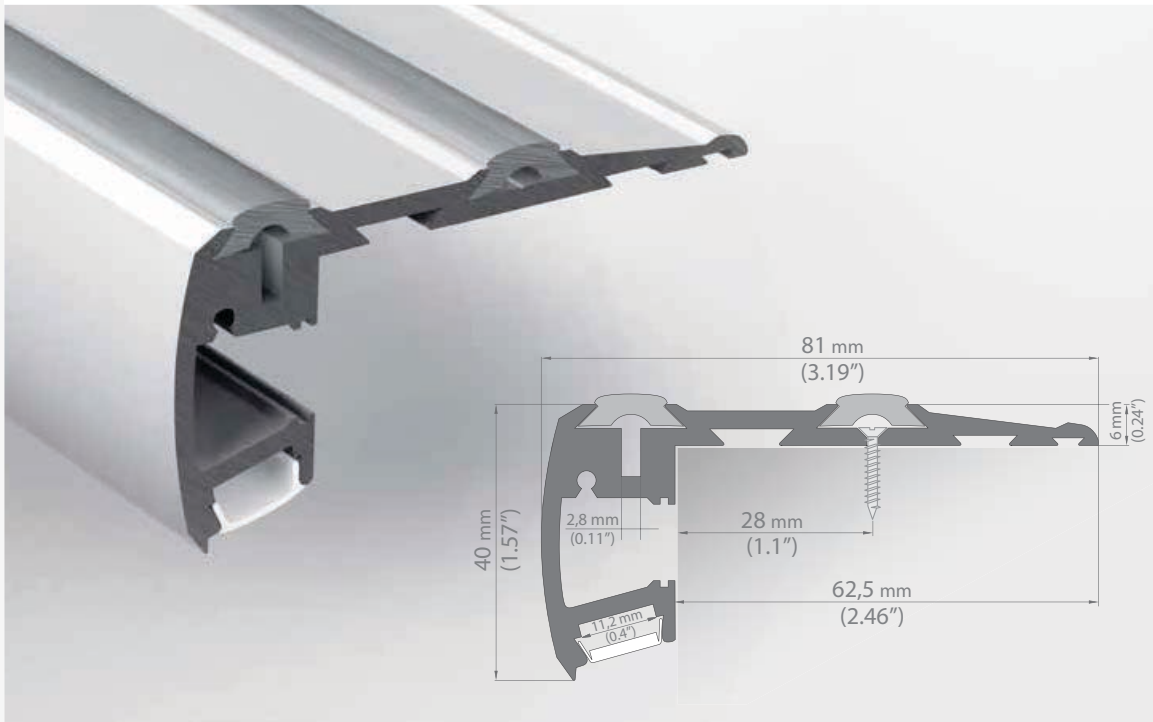
La selección de la altura correcta de la base de espuma permite nivelar el perfil HR-LINE con la superficie (por ejemplo, diferentes tipos de adoquines)
Es elástica – amortiguando las cargas a las que está expuesto el perfil HR-LINE
Sirve de plantilla a la hora de montar el perfil HR-LINE, durante la instalación del pavimento.



* Foams of custom heights are available by arrangement with the sales department of KLUS. Range of heights is: 10 - 100mm /
La altura de la base de espuma puede personalizarse. Disponible bajo petición al departamento de ventas de Klus. El rango de altura es: 10 - 100mm










STEP KPL. Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED strip max. 6 mm 1 x LED strip max. 10,8 mm	anodized anodizado	B4845ANODA

IP 67 waterproof level can be achieved / Permite alcanzar un grado de protección IP-67

COVERS / DIFUSORES

		UV CERTIFICATE <i>flat, very good light dispersion / plano, muy buena dispersión de la luz</i>	
HS  	1m (standard)	frosted / opal	1369
	2m (standard)		
	3m *	clear / transparente	1370
		<i>optical material / material óptico</i>	
LIGER 	1m (standard)	frosted matte / opal mate	17031
	2m (standard)		
	3m *		

STEP KPL. END CAPS / TAPAS FINALES STEP KPL.



LED Extrusions Perfil LED

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
 ** Special order / Pedido especial.

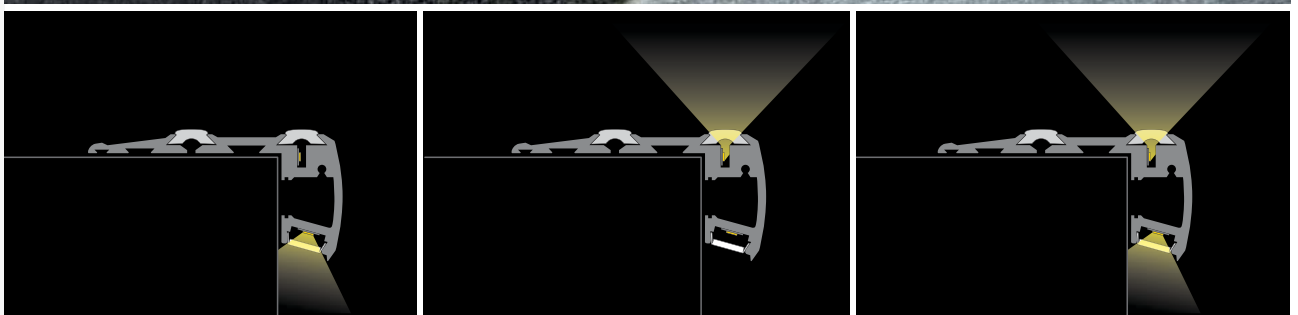
ANTI-SLIP RUBBER STRIP / GOMA ANTI-DESIZANTE



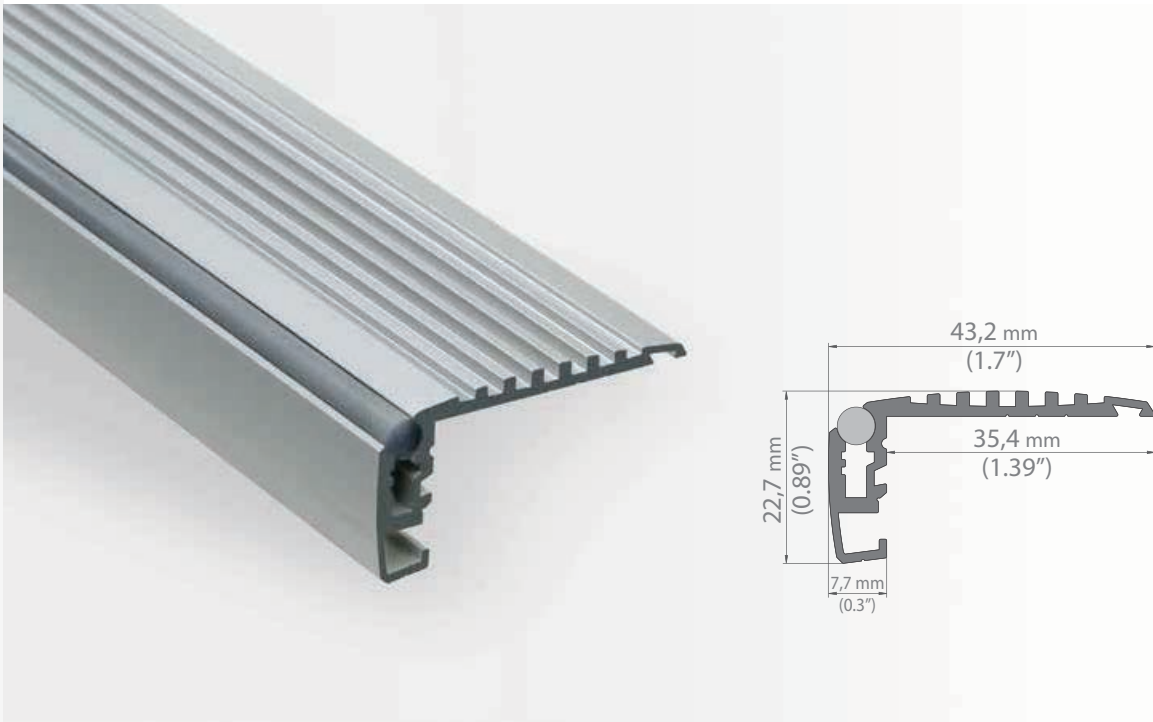
TOOL FOR MOUNTING ANTI-SLIP RUBBER STRIP / DISPOSITIVO PARA MONTAJE DE LA GOMA ANTI-DESIZANTE



STEP-90 CORNER / ESQUINA STEP-90



* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.



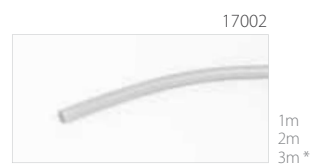
STEKO KPL. Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED strip max. 6mm side emitting LED 1 x tira LED de emisión lateral, máx. 6mm	anodized anodizado	18018ANODA

anti-slip rubber strip included / goma anti-deslizante incluida

STEKO END CAPS / TAPAS FINALES STEKO



ANTI-SLIP RUBBER STRIP / GOMA ANTI-DESILIZANTE

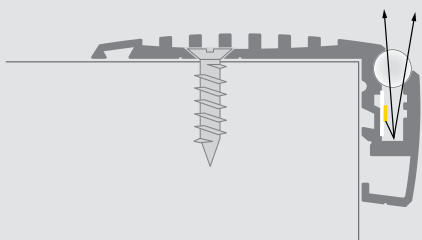


STEKO-90 CORNER / ESQUINA STEKO-90

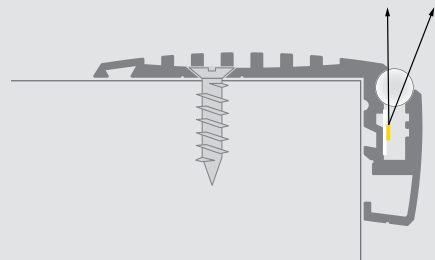


LED Extrusions Perfil LED

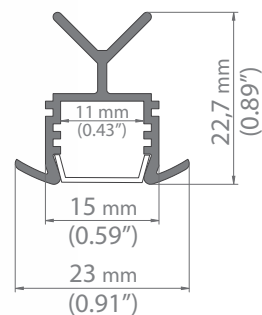
* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.
** Special order / Pedido especial.



Subdued light, less visible points of light
Baja luminosidad, puntos de luz menos visibles



Powerful light, visible points of light
Alta luminosidad, puntos de luz visibles



POR Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
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2120 mm

1 x LED strip
max. 10,8 mm

anodized
anodizado

B6144ANODA

IP 67 waterproof level can be achieved / Permite alcanzar una impermeabilidad IP-67

COVERS / DIFUSORES

HS



1m (standard)
2m (standard)
3m *

frosted / opal
clear / transparente

UV CERTIFICATE

flat, very good light dispersion / plano, muy buena dispersión de la luz

1369

1370

LIGER



1m (standard)
2m (standard)
3m *

frosted matte / opal mate

LINE OF LIGHT

optical material / material óptico

17031

POR END CAP / TAPA FINAL POR

24021



MOUNTING INSERT / DISPOSITIVO DE MONTAJE

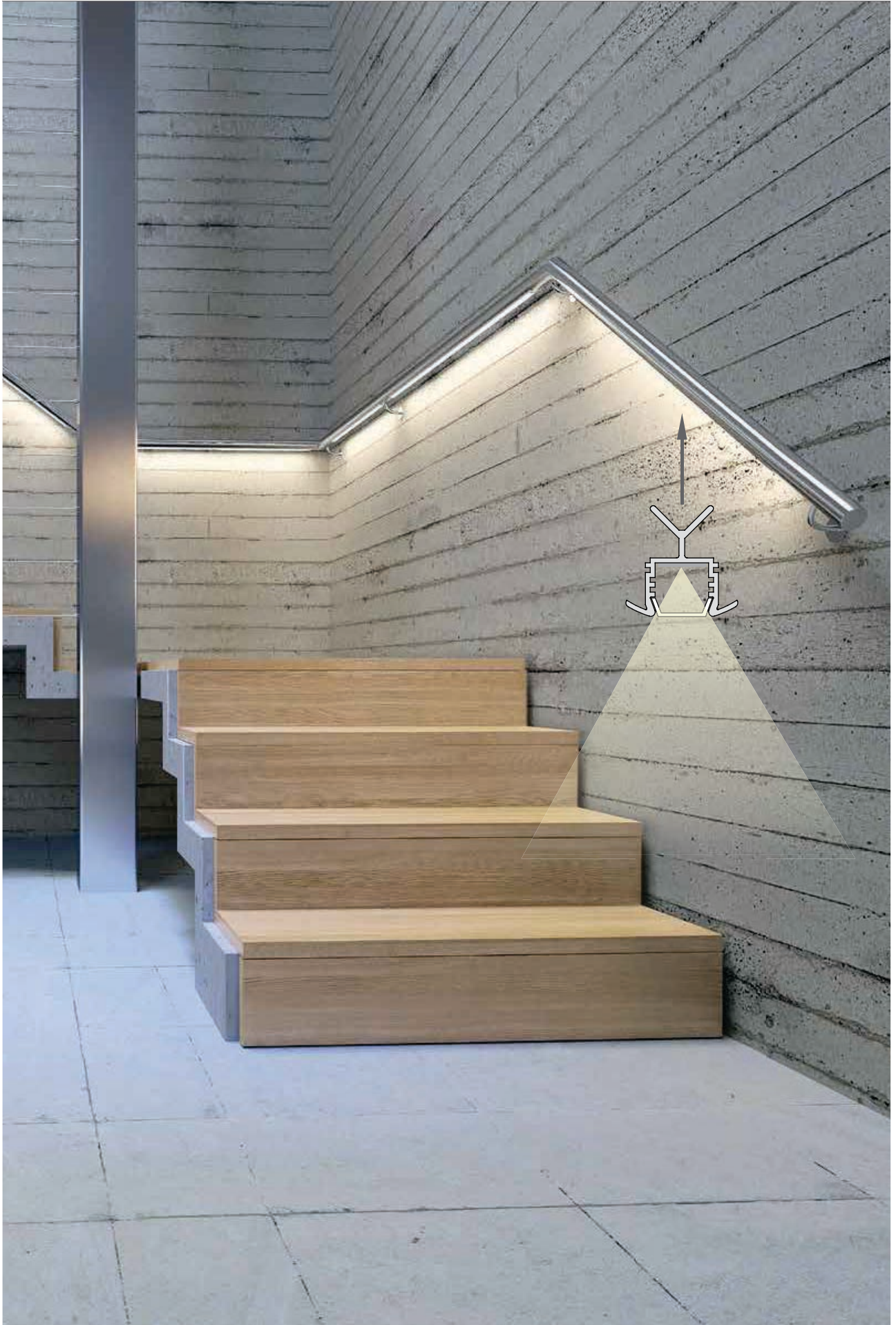
24014

PORPLUS 24111



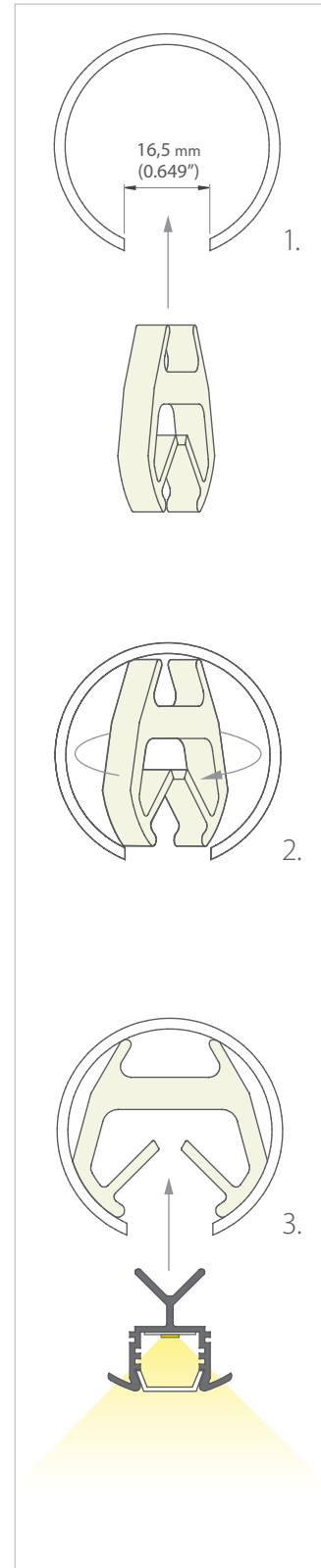
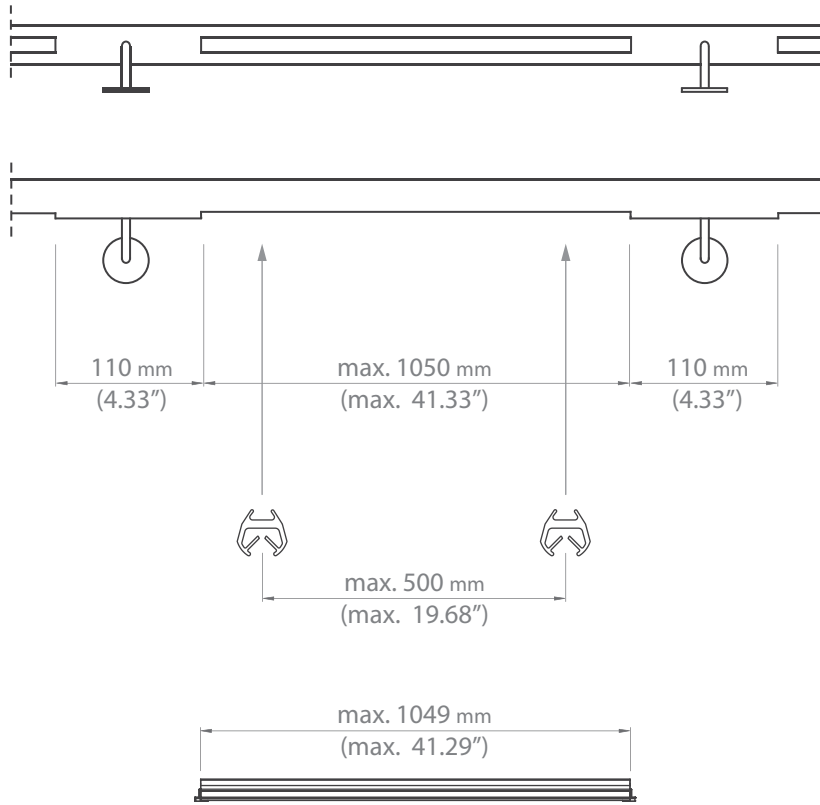
LED Extrusions Perfil LED

* Available by arrangement with sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.



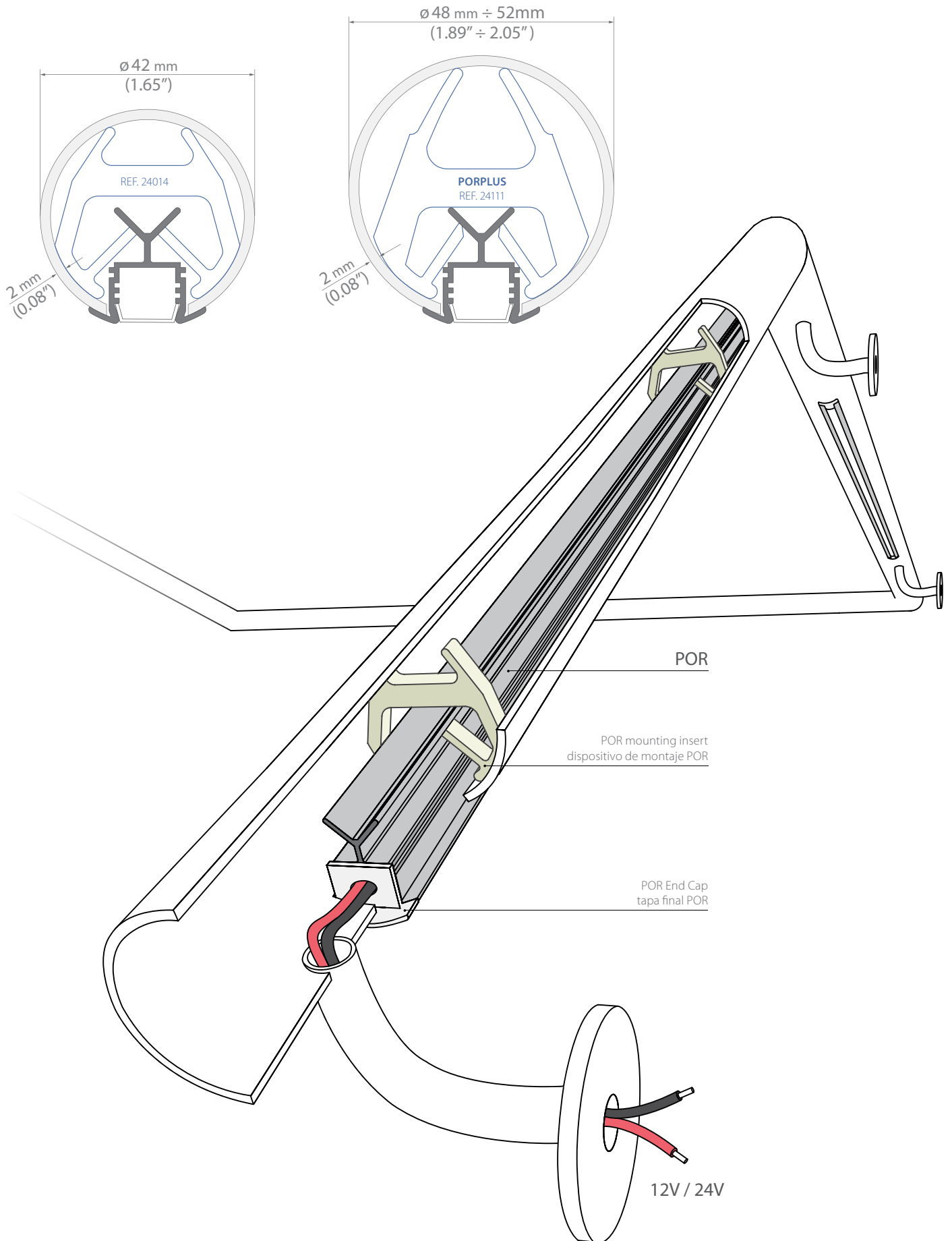
EN POR Extrusion is designed to mount LED lighting into handrails made of steel, stainless steel or aluminum tubing with a diameter of 42 mm and wall thickness of 2 mm. POR extrusion has the ability to be sealed to IP67.

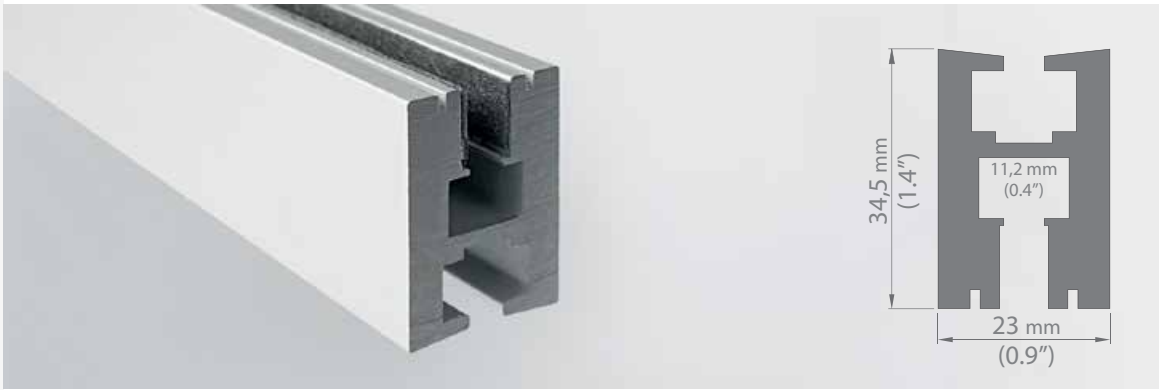
ES El perfil POR ha sido diseñado para instalar luminarias en pasamanos de acero, acero inoxidable o aluminio, de 42 mm de diámetro por 2 mm de espesor. Permite alcanzar un grado de protección IP-67.



EN Removing the fixture should be performed by releasing the flanges from both sides of the latches. Removing the fixture can cause their deformation. In outdoor applications waterproof LEDs should be used or the fixture should be sealed. Holes should be made in the handrails to allow an outlet for water trapped inside.

ES La extracción de la luminaria, debe realizarse con sumo cuidado para evitar la deformación de la misma, mediante el gráfico explicativo. En aplicaciones exteriores, la luminaria debe sellarse para alcanzar el grado de protección conveniente, además de hacer unos pequeños orificios en el pasamanos permitiendo la salida de la posible agua que pudiera adentrarse.



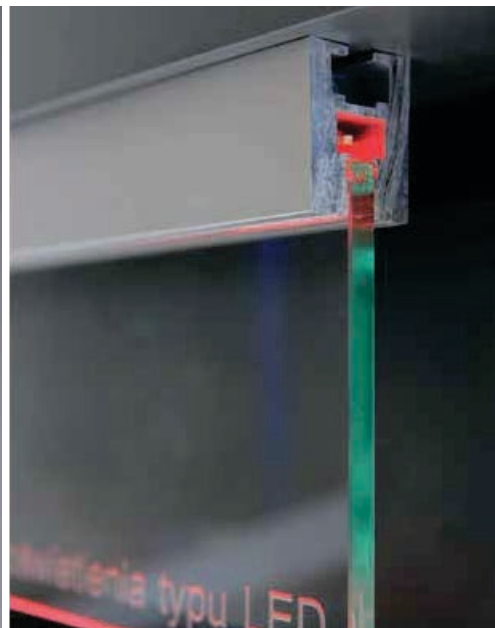


EX - ALU Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m * 3 - 6m **	1 x LED strip max. 10,8 mm	anodized anodizado	B1890ANODA

EX-ALU END CAPS / TAPAS FINALES EX-ALU

0963	0962	1452
		
end cap stainless steel tapa final de acero inoxidable	end cap 3D tapa final 3D	end cap 3D with hole tapa final 3D con agujero

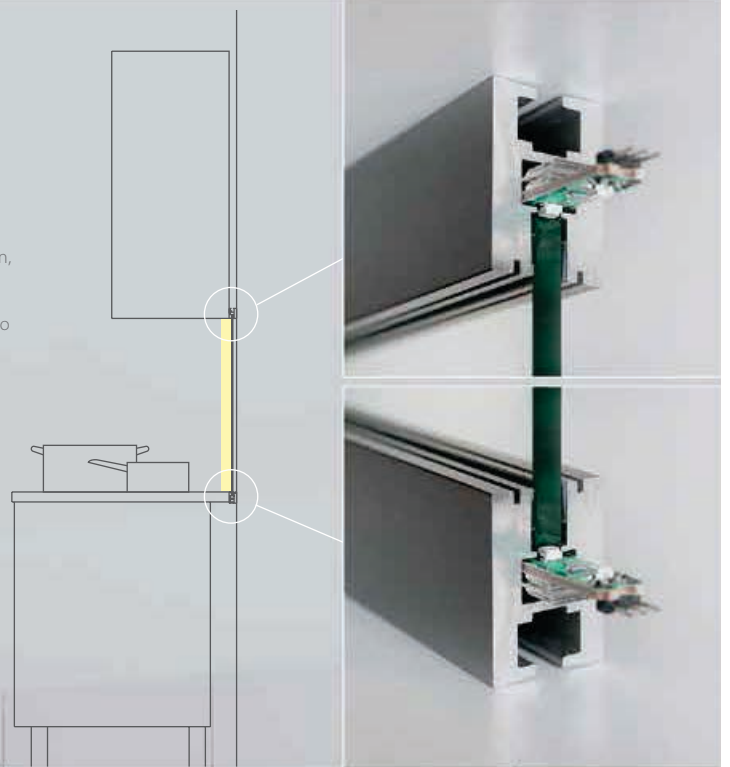
LED Extrusions Perfil LED

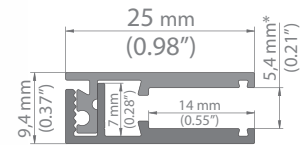
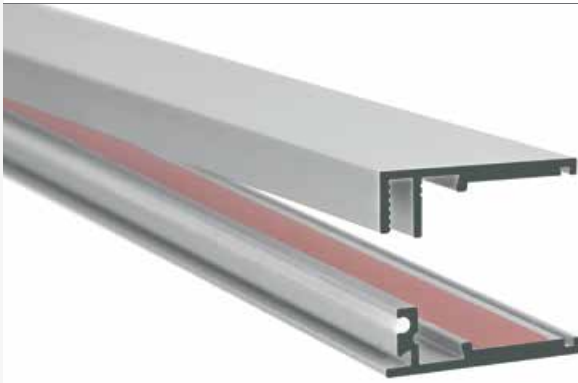


* Available by arrangement with sales department of KLUŚ / Disponible bajo petición al departamento de ventas de KLUŚ.
 ** Special order / Pedido especial.

EN **For edge lighting of glass or other materials, 6mm (0.2") thick.**
 To illuminate signs, inscriptions, graphic signs, etc.
 Ability to be mounted to walls, ceilings and other elements.
 Thanks to the stretching screws, the profile tightens to the edge of glass or other material.

ES **Para iluminar bordes de cristal u otros materiales máximo 6mm de espesor.**
 Se pueden iluminar carteles, banderolas, gráficos de evacuación, mamparas, etc.
 Para instalar en paredes, techos y otros elementos. Al apretar los tornillos alojados en el interior del perfil, el cristal, metacrilato u otro material queda totalmente sujeto.





KRAV 56
Extrusion / Perfil

length
Longitud

LED strip width
Ancho tira LED

surface finish
Acabado de la superficie

article number
Referencia



1m (standard)
2m (standard)
3m *

1 x LED strip
max. 6 mm

anodized
anodizado

18017ANODA

KRAV END CAP / TAPA FINAL KRAV

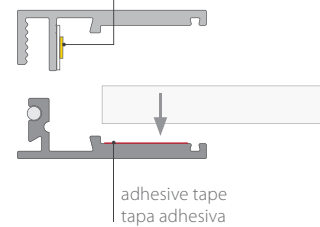
24033



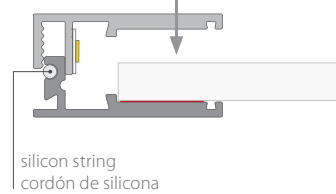
LED Extrusions Perfil LED



1. easy installation of LEDs
fácil instalación de los LEDs



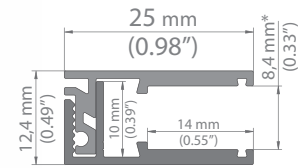
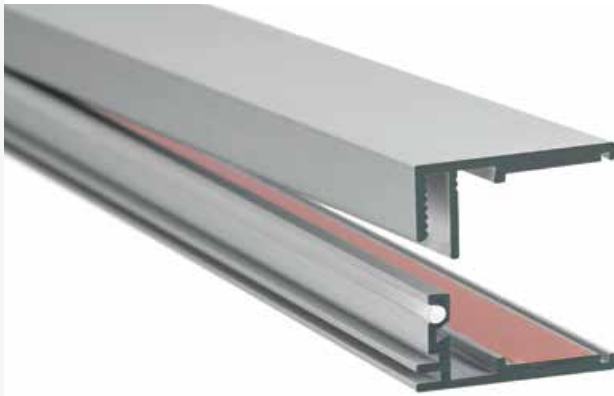
2. fluid adjustment
ajuste regulable

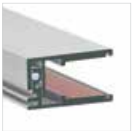


3. 5 - 6 mm
0.2" - 0.24"



* Available by arrangement with the sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.



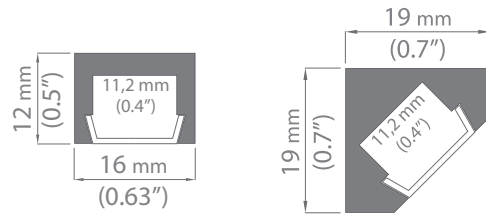
KRAV 810 Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m (standard) 2m (standard) 3m *	1 x LED strip max. 10 mm	anodized anodizado	18016ANODA

KRAV END CAP / TAPA FINAL KRAV

24028










* Available by arrangement with the sales department of KLUŠ / Disponible bajo petición al departamento de ventas de KLUŠ.



PDS (MDF) Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m	1 x LED strip max. 10,8 mm	NCS S-2005Y20R (other colors made to order / otros colores, bajo pedido)	0971
45 (MDF) Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m	1 x LED strip max. 10,8 mm	NCS S-2005Y20R (other colors made to order / otros colores, bajo pedido)	0973

COVERS / DIFUSORES

K		CLICK! <i>easy to assemble / fácil montaje</i>		
		1m (standard) 2m (standard) 3m *	frosted / opal clear / transparente	1547 1548
KA-BIS		CLICK! <i>easy to assemble, very good light dispersion / fácil montaje, muy buena dispersión de la luz</i>		
		1m (standard) 2m (standard) 3m *	frosted / opal clear / transparente	17071 17072
HS		UV CERTIFICATE <i>flat, very good light dispersion / plano, muy buena dispersión de la luz</i>		
		1m (standard) 2m (standard) 3m *	frosted / opal clear / transparente	1369 1370
LIGER		<i>optical material / material óptico</i>		
	1m (standard) 2m (standard) 3m *	frosted matte / opal mate		17031

PDS END CAPS / TAPAS FINALES PDS

0960



0961



45 END CAPS / TAPAS FINALES 45

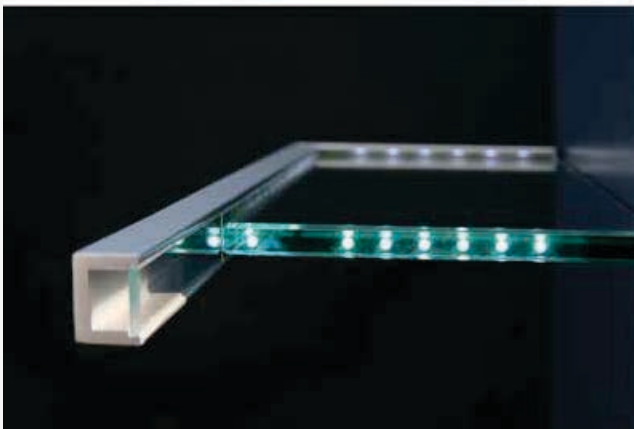
0959



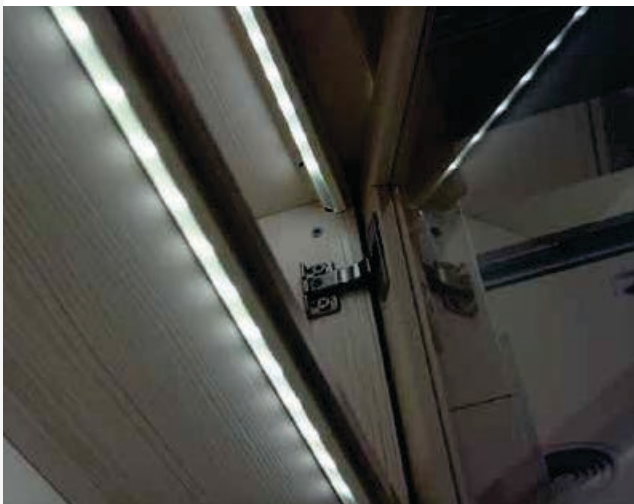
1451

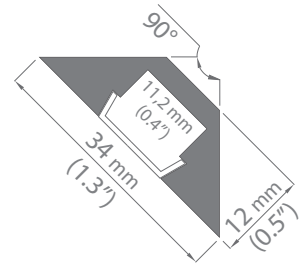
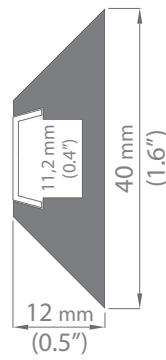


PDS (MDF)










45 (MDF)





STOS (MDF) Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m	1 x LED strip max. 10,8 mm	NCS S-2005Y20R (other colors made to order / otros colores, bajo pedido)	0974
PAC (MDF) Extrusion / Perfil	length Longitud	LED strip width Ancho tira LED	surface finish Acabado de la superficie	article number Referencia
	1m	1 x LED strip max. 10,8 mm	NCS S-2005Y20R (other colors made to order / otros colores, bajo pedido)	0972

COVERS / DIFUSORES

CLICK! <i>easy to assemble / fácil montaje</i>				
K 		1m (standard)	frosted / opal	1547
		2m (standard)		
		3m *	clear / transparente	1548
CLICK! <i>easy to assemble, very good light dispersion / fácil montaje, muy buena dispersión de la luz</i>				
KA-BIS 		1m (standard)	frosted / opal	17071
		2m (standard)		
		3m *	clear / transparente	17072
UV CERTIFICATE <i>flat, very good light dispersion / plano, muy buena dispersión de la luz</i>				
HS 		1m (standard)	frosted / opal	1369
		2m (standard)		
		3m *	clear / transparente	1370
<i>optical material / material óptico</i>				
LIGER 		1m (standard)		
		2m (standard)	frosted matte / opal mate	17031
		3m *		

STOS END CAPS / TAPAS FINALES STOS

0957



1449



PAC END CAPS / TAPAS FINALES PAC

0958



1450



STOS (MDF)



PAC (MDF)

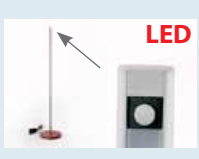





LED Fixtures Luminarias LED





LED lighting fixtures Lámpara

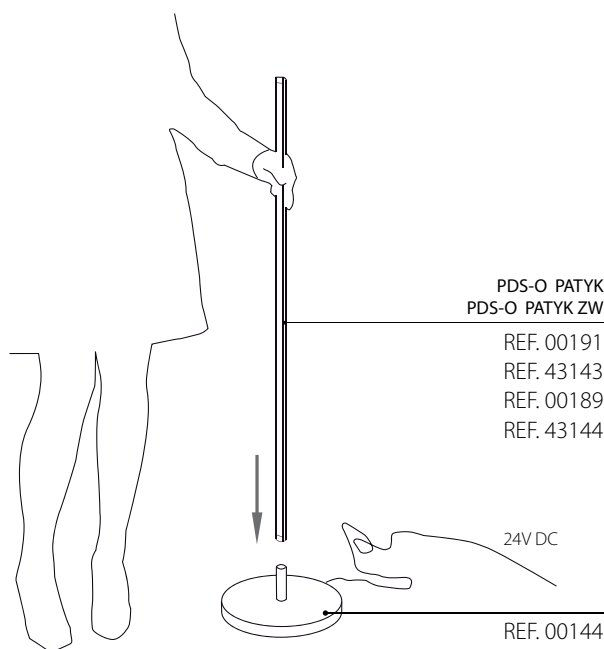


PATYK ZW	switch interruptor	voltage tensión	color temp. temp. color LED	power consumption consumo Watios	cover HS difusor HS	height alto	article number referencia
	micro switch micro interruptor	24 DCV *	3000 K warm white blanco cálido (OSR027-120-10-07) REF. 50061	17,3 W	frosted opal	124,5 cm	00139
	micro switch micro interruptor	24 DCV *	3000 K warm white blanco cálido (OSR027-120-10-07) REF. 50061	28,8 W	frosted opal	196 cm	43108

* Plug in power supply not included / Fuente de alimentación no incluida

COMPONENTS FOR BUILDING FIXTURES / COMPONENTES PARA FABRICACIÓN DE LÁMPARA

PATYK PDS-O Light Fixture (without LEDs) / Luminaria (sin LED)	switch interruptor	length longitud	cover difusor	surface finish acabado de superficie	article number referencia
 LED	-	117 cm	HS frosted / opal LIGER	anodized Aluminum aluminio anodizado	00191 43143
PATYK ZW PDS-O Light Fixture (without LEDs) / Luminaria (sin LED)	switch interruptor	length longitud	cover difusor	surface finish acabado de superficie	article number referencia
 LED	micro włącznik micro switch	120 cm 200 cm	HS frosted / opal	anodized aluminum aluminio anodizado	00189 43144
PATYK 26 Veneer - round base / base redonda	width diámetro	height alto	connector type tipo de conector		article number referencia
	24 cm	10 cm	DC 2,1/5,5		00144
PATYK - Electricity conductive connector	height alto				article number referencia
	7 cm				00044

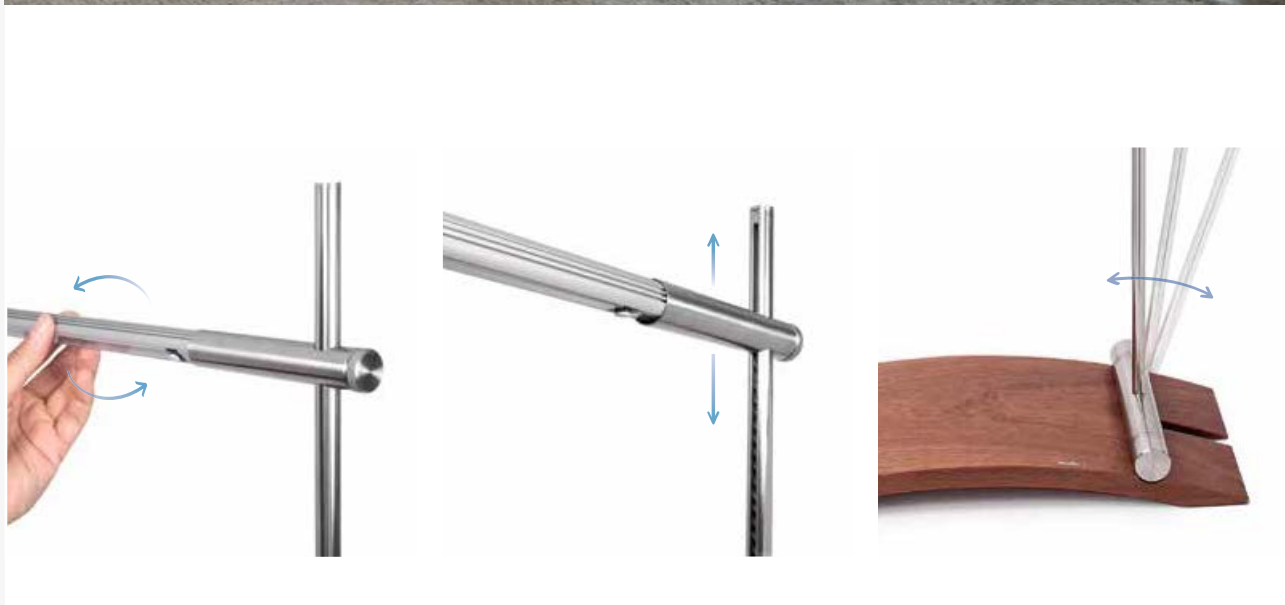
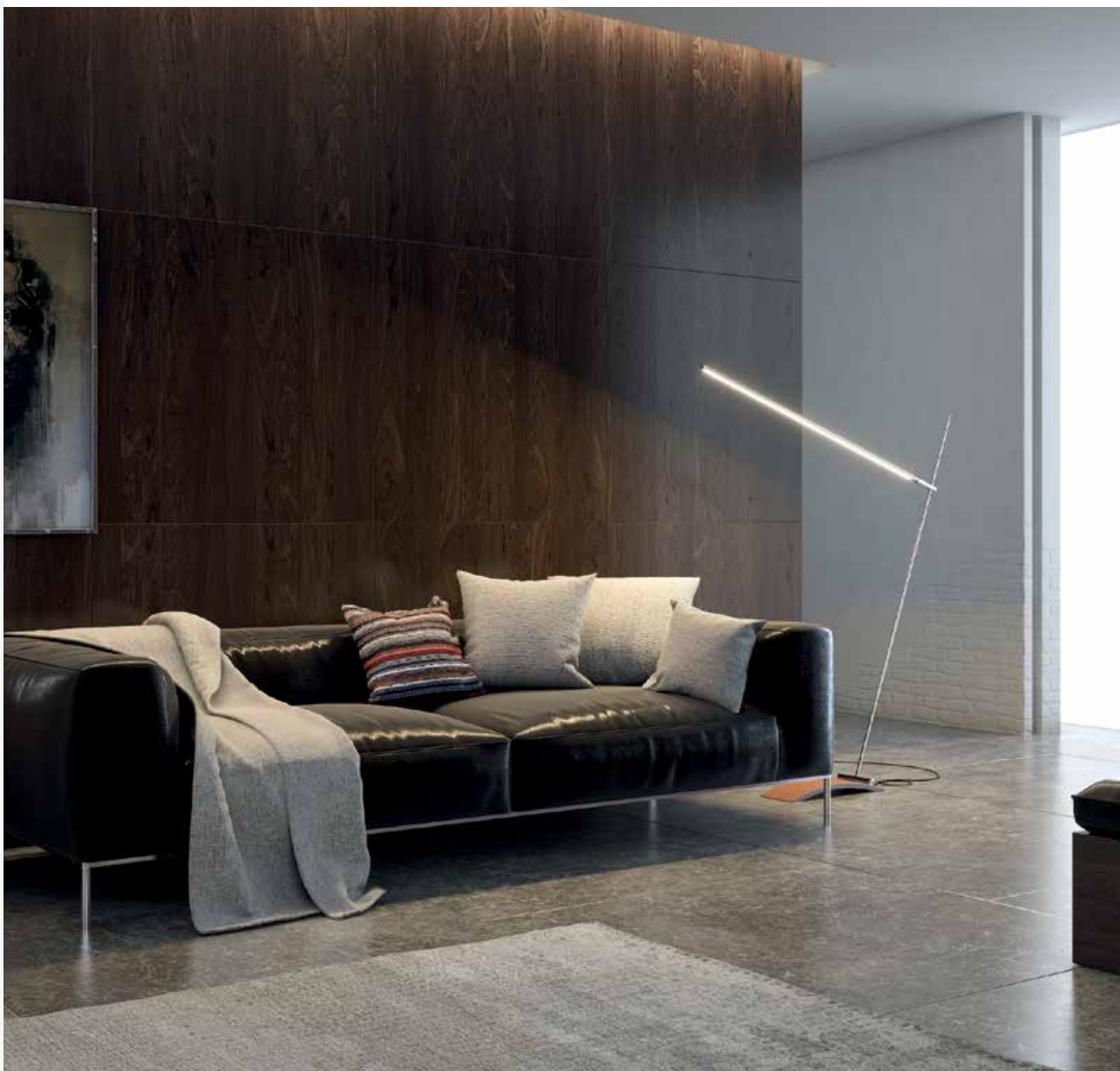


LED lighting fixtures Lámpara

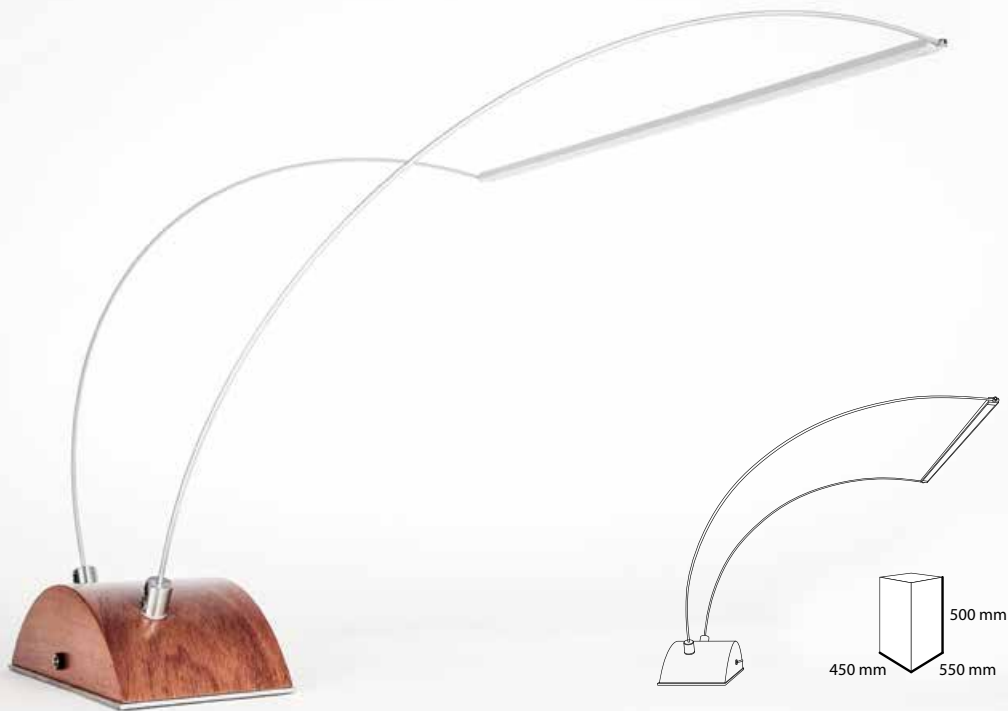


FAJNA	switch interruptor	voltage tensión	color temp. temp. color LED	power consumption consumo Watios	cover HS difusor HS	height alto	article number referencia
	micro switch micro interruptor	24 DCV *	3000 K warm white blanco cálido (027-120-10-07WW) REF. 50061	17W	clear transparente	max. 165 cm	43110

* Plug in power supply not included / Fuente de alimentación no incluida



Watch our videos on YouTube
You Tube



LED lighting fixtures Lámpara

NABU-LUK

voltage
tensión

color temp.
temp. color LED

power
consumption
consumo Wátios

cover HS
difusor HS

article number
referencia



LED

24V DC *

3000 - 3500 K
warm white
blanco cálido

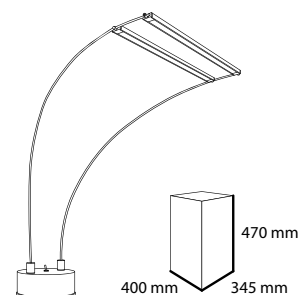
7,2W

clear
transparente

43104

(010-050-10-07 WW)
REF. 50051

* Plug in power supply not included / Fuente de alimentación no incluida



NABU-Fi

voltage
tensión

color temp.
temp. color LED

power consumption
consumo Watos

cover HS
difusor HS

article number
referencia



LED

24V DC *

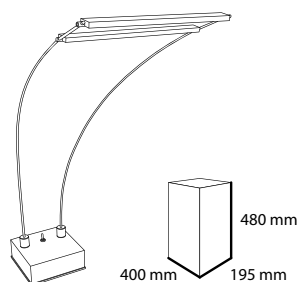
3000 - 3500 K
warm white
blanco cálido

(010-050-10-07 WW)
REF. 50051

8,7W

clear
transparente

43102



NABU-MAL

voltage
tensión

color temp.
temp. color LED

power consumption
consumo Watos

cover HS
difusor HS

article number
referencia



LED

24V DC *

3000 - 3500 K
warm white
blanco cálido

(010-050-10-07 WW)
REF. 50051





4,4W

clear
transparente




43101

* Plug in power supply not included / Fuente de alimentación no incluida



Set without LEDs / Kit sin LEDs		length longitud	cover HS difusor HS	article number referencia		
 <p>1 x REF. 1522 REF. 1556</p>	 <p>LED</p>	 <p>2 x REF. 1528</p>	 <p>2 x REF. 1524</p>	1m	frosted opal	1521
					clear transparente	1564

COMPONENTS FOR BUILDING FIXTURES / COMPONENTES PARA FABRICACIÓN DE LÁMPARA

PDS - O electricity conductive light fixture without LEDs Luminaria PDS-O, sin LEDs, electrificada	length longitud	cover HS difusor HS	surface finish acabado de superficie	article number referencia
 <p>LED</p>	1m	frosted opal	anodized Aluminum aluminio anodizado	1522
		clear transparente		1556
Stainless steel rod, Ø 3mm, bent Varilla curvada de acero, Ø 3mm	length longitud			article number referencia
	53 cm			1528
longitudinal fastener for countertops soporte longitudinal para encimera				article number referencia
		For running power to one side of the LED when there is access to the underside of the countertop. Soporte para cable de alimentación en encimeras.		1524

LED lighting fixtures Lámpara

NOTE! Custom fixture configurations available. Additional fastening options can be found in the „Accessories“ chapter.
NOTA! Es posible configurar luminarias personalizadas. Para otras opciones ver capítulo de “Accesorios”.

Set with LEDs / Kit con LED

length
longitud

voltage
tensión

power consumption
consumo Wátios

color temp.
temp. color LED

cover HS
difusor HS

article number
referencia



LED

1 x



2 x

REF. 1528



2 x

REF. 1524

1m

12V DC *

13,7 W

3000 - 3500 K
warm white
blanco cálido

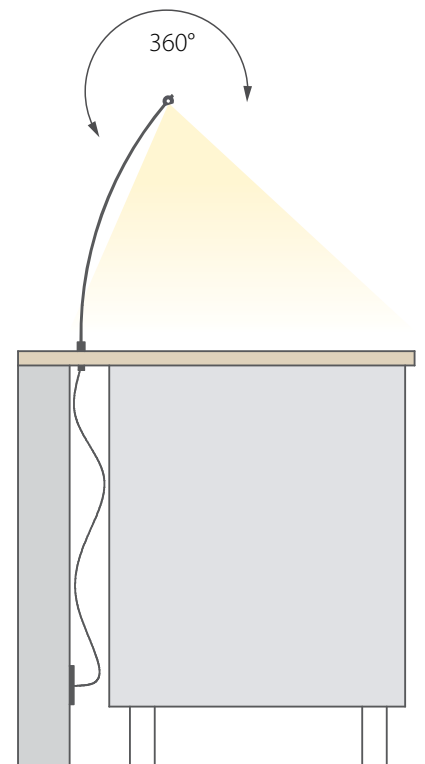
(G024-050-10-03WW)
REF. 1539

frosted
opal

1580

clear
transparente






1581



* Plug in power supply not included / Fuente de alimentación no incluida

Set without LEDs / Kit sin LEDs



 1 x REF. 1522 REF. 1556	 LED REF. 1558 REF. 1557	 2 x REF. 00088 REF. 00089	 2 x REF. 1397	 2 x REF. 1559
---	--	---	--	--

length longitud	cover HS difusor HS	article number referencia
1m	frosted opal	1560
	clear transparente	1561
1,5m	frosted opal	1562
	clear transparente	1563
2m	frosted opal	00076
	clear transparente	00077

COMPONENTS FOR BUILDING FIXTURES / COMPONENTES PARA FABRICACIÓN DE LÁMPARA

PDS - O electricity conductive light fixture without LEDs
Luminaria PDS-O, sin LEDs, electrificada



length longitud	cover HS difusor HS	article number referencia
1m	frosted opal	1522
	clear transparente	1556
1,5m	frosted opal	1558
	clear transparente	1557
2m	frosted opal	00088
	clear transparente	00089

steel wire, Ø 1mm
sirga de acero, Ø 1mm



length
longitud

1m

article number
referencia

1397

longitudinal Fastener for drywall ceiling
soporte longitudinal para techos de pladur



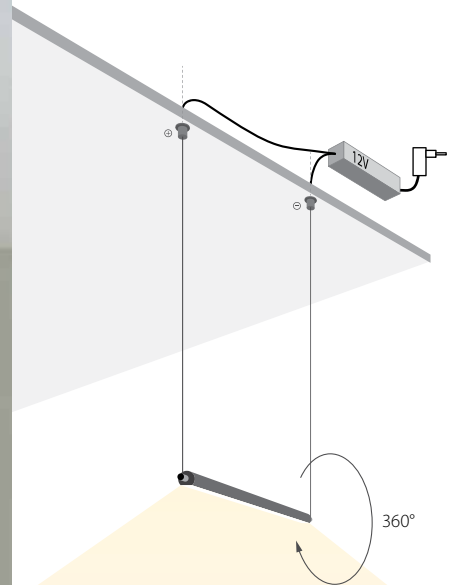
article number
referencia

1559

LED lighting fixtures Lámpara

Set with LEDs / Kit con LEDs

	voltage tensión	color temp. temp. color LED	length longitud	power consumption consumo Watos	cover HS difusor HS	article number referencia
 1 x  2 x REF. 1397  2 x REF. 1559	12V DC *	3000 - 3500 K warm white blanco cálido (024-050-10-03WW) REF. 1275 M	1m	13,7 W	frosted opal	1582
					clear transparente	1583
			1,5m	20,9 W	frosted opal	1584
					clear transparente	1585
			2m	28,1 W	frosted opal	00074
					clear transparente	00075



EN Bending of up to 6mm may occur on 2m hanging profiles.

ES Con una longitud de 2metros, el perfil puede curvarse hasta 6mm.


* Plug in power supply not included / Fuente de alimentación no incluida


Set without LEDs / Kit sin LEDs



length longitud	cover HS difusor HS	article number referencia
1 m	frosted opal	00068
	clear transparente	00069

COMPONENTS FOR BUILDING FIXTURES / COMPONENTES PARA FABRICACIÓN DE LÁMPARA

PDS - O electricity conductive light fixture without LEDs luminaria PDS-O, sin LEDs, electrificada	length longitud	cover HS difusor HS	surface finish acabado de superficie	article number referencia
	1 m	frosted opal	anodized Aluminum aluminio anodizado	1522
		clear transparente		1556





steel wire, Ø 1mm sirga de acero, Ø 1mm	length longitud	article number referencia
	2m	00066

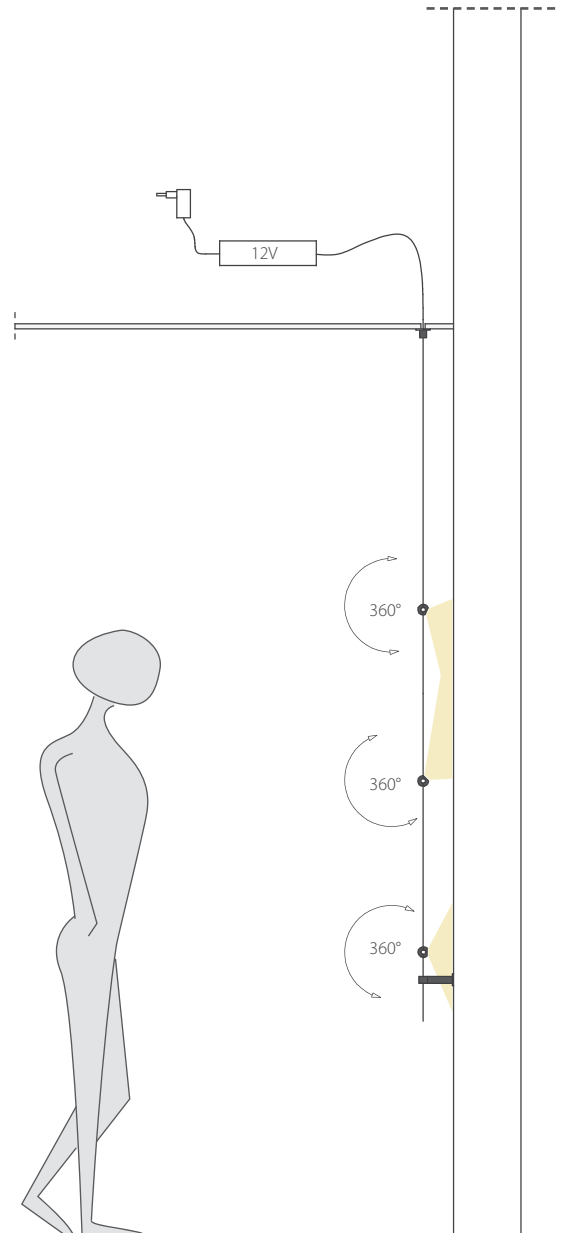
longitudinal Fastener for drywall ceiling soporte longitudinal para techos de pladur	article number referencia	sconce bottom fastener soporte para pared	length longitud	article number referencia
 	1559		73mm	00067

LED lighting fixtures Lámpara

NOTE! Custom fixture configurations available. Additional fastening options can be found in the „Accessories“ chapter.
NOTA: Es posible configurar luminarias personalizadas. Para otras opciones ver capítulo de “Accesorios”.

Set with LEDs / Kit con LEDs

	length longitud	voltage tensión	power consumption consumo Watos	color temp. temp. color LED	cover HS difusor HS	article number referencia
 LED 3 x  2 x REF. 00066  2 x REF. 1559  2 x REF. 00067	3 x 1m	12V DC *	3 x 13,7 W	3000 - 3500 K warm white blanco cálido	frosted opal	00064
				(024-050-10-03WW) REF. 1275M	clear transparente	00065
				5500 - 6500 K cold white blanco frío	frosted opal	00070
				(024-050-10-03W) REF. 1273M	clear transparente	00071



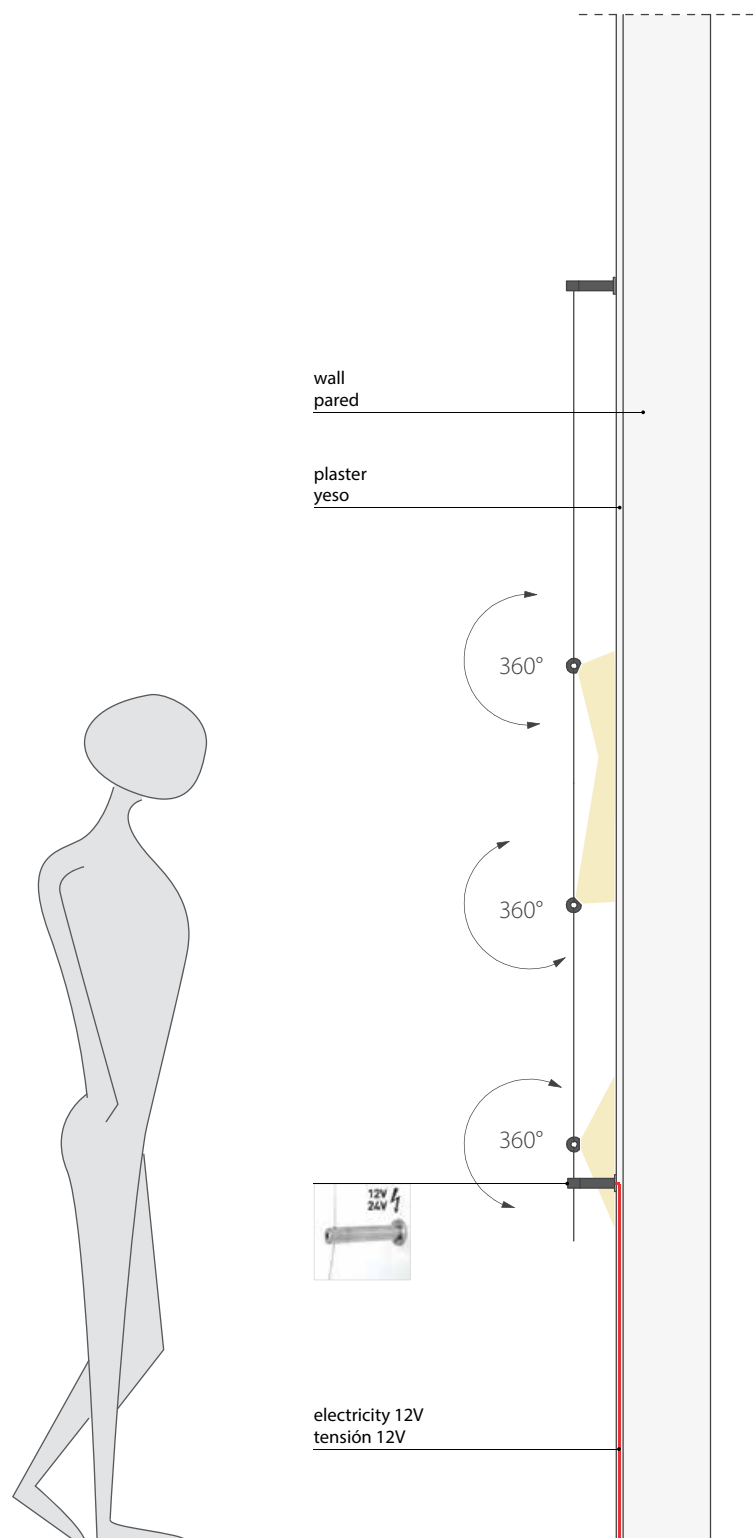
* Plug in power supply not included / Fuente de alimentación no incluida

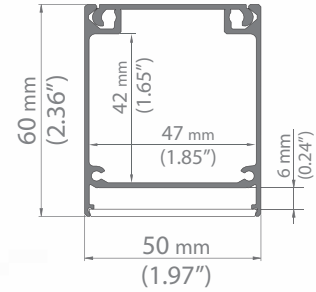


Set with LEDs / Kit sin LEDs



length longitud	voltage tensión	power consumption consumo Watios	color temp. temp. color LED	cover HS difusor HS	article number referencia
3 x 1m	12V DC	3 x 13,7 W	3000 - 3500 K warm white blanco cálido	frosted opal	00200
			(024-050-10-03WW) REF. 1275M	clear transparente	00199
			5500 - 6500 K cold white blanco frío	frosted opal	00202
			(024-050-10-03W) REF. 1273M	clear transparente	00201





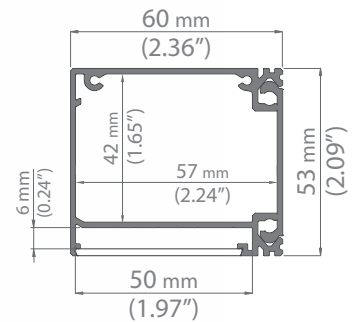
INTERSET	length longitud	LED strip width ancho de tira de LED	surface finish acabado de superficie	cover difusor	article number referencia
	330 mm	4 x LED strip max. 10 mm	profile: anodized perfil anodizado	frosted opal	43111
	1000 mm				43112
	2000 mm				43113
	330 mm	3 x LED strip max. 12 mm		clear transparente	43138
	1000 mm	43139			
	2000 mm	43140			

EN **Set for construction of ceiling fixtures.** Does not include LED lights and power supply.
 Compartment with space for the power supply is equipped with a mounting plate for the secure mounting of the power supply, electric terminal and other items.

ES **Aplique para techo.** LEDs y fuente de alimentación, no incluidas.
 Compartimento para ocultar fuente de alimentación. Placa desmontable, para un montaje seguro y cómodo.

LED lighting fixtures Lámpara



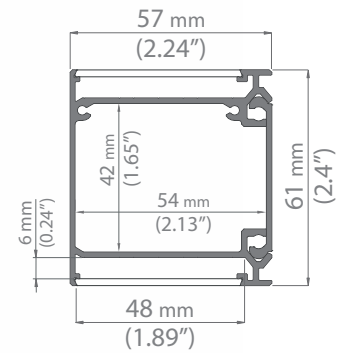


IKONSET	length longitud	LED strip width ancho de tira de LED	surface finish acabado de superficie	cover difusor	article number referencia
	330 mm	4 x LED strip max. 10 mm	profile: anodized perfil anodizado	frosted opal	43117
	1000 mm				43118
	2000 mm				43119
	330 mm	3 x LED strip max. 12 mm		clear transparente	43132
	1000 mm	43133			
	2000 mm	43144			

- EN **Set for the construction of wall fixtures (wall sconce).** Does not include LED lights and power supply. Compartment with space for the power supply is equipped with a mounting plate for the secure mounting of the power supply, electric terminal and other items.
- ES **Aplique para pared. LEDs y fuente de alimentación, no incluidas.** Compartimento para ocultar la fuente de alimentación. Equipada con placa desmontable, para un montaje seguro y cómodo.



easy installation,
snaps into place
fácil instalación,
mediante un clic



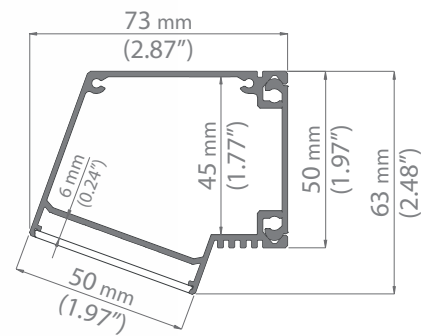
IDOLSET	length longitud	LED strip width ancho de tira de LED	surface finish acabado de superficie	cover difusor	article number referencia
	330 mm	4 x LED strip max. 10 mm	profile: anodized perfil anodizado	frosted opal	43120
	1000 mm				43121
	2000 mm				43122
	330 mm	3 x LED strip max. 12 mm		clear transparente	43129
	1000 mm	43130			
	2000 mm	43131			

- EN **Set for the construction of wall fixtures (wall sconce).** Does not include LED lights and power supply. Compartment with space for the power supply is equipped with a mounting plate for the secure mounting of the power supply, electric terminal and other items.
- ES **Aplique para pared.** LEDs y fuente de alimentación, no incluidas. Compartimento para ocultar la fuente de alimentación. Equipada con placa desmontable, para un montaje seguro y cómodo.

LED lighting fixtures Lámpara



easy installation,
snaps into place
fácil instalación,
mediante un clic



IMETSET	length longitud	LED strip width ancho de tira de LED	surface finish acabado de superficie	cover difusor	article number referencia
	330 mm	4 x LED strip max. 10 mm	profile: anodized perfil anodizado	frosted opal	43114
	1000 mm				43115
	2000 mm				43116
	330 mm	3 x LED strip max. 12 mm		clear transparente	43135
	1000 mm	43136			
	2000 mm	43137			


EN **Set for the construction of wall fixtures (wall sconce).** Does not include LED lights and power supply. Compartment with space for the power supply is equipped with a mounting plate for the secure mounting of the power supply, electric terminal and other items.

ES **Aplique para pared.** LEDs y fuente de alimentación, no incluidas. Compartimento para ocultar la fuente de alimentación. Equipada con placa desmontable, para un montaje seguro y cómodo.



easy installation,
snaps into place
fácil instalación,
mediante un clic



NIBOSET	length longitud	surface finish acabado de superficie	article number referencia
	330 mm	anodized anodizado	43123
	1000 mm		43124
	2000 mm		43125

EN **Set for construction of lighting fixtures.** Does not include the power supply!
 The fixture (BOX U) "snaps" into the mounting profile (BOX Z) and is secured with plastic rods and end caps which give a durable and strong connection from both of these parts. Compartment with space for the power supply is equipped with a mounting plate for the secure mounting of the power supply, electric terminal and other items.

ES **Caja NIBOSET, para fabricación de aparatos de iluminación.** Fuente de alimentación, no incluida.
 Compartimento para ocultar fuente de alimentación. Equipada con placa desmontable, para un montaje seguro y cómodo. La carcasa (con varillas de plástico) se une a la placa mediante un clic, y junto con las tapas laterales, hacen una combinación muy duradera y fuerte.

FASTENERS / SOPORTES



00643
 Longitudinal Fastener for BOX Profile
 Soporte longitudinal para perfil BOX



42554
 Transverse Fastener for BOX Profile
 Soporte transversal para perfil BOX

LED lighting fixtures Lámpara





BOXSET	length longitud	surface finish acabado de superficie	article number referencia
	330 mm	anodized anodizado	43126
	1000 mm		43127
	2000 mm		43128

- EN **Set for construction of lighting fixtures.** Does not include the power supply!
The fixture "snaps" into the mounting profile and is secured with plastic rods and end caps which give a durable and strong connection from both of these parts. Compartment with space for the power supply is equipped with a mounting plate for the secure mounting of the power supply, electric terminal and other items.
- ES **Caja BOXSET, para fabricación de aparatos de iluminación.** Fuente de alimentación, no incluida.
Compartimento para ocultar fuente de alimentación. Equipada con placa desmontable, para un montaje seguro y cómodo. La carcasa (con varillas de plástico) se une a la placa mediante un clic, y junto con las tapas laterales, hacen una combinación muy duradera y fuerte.

FASTENERS / SOPORTES

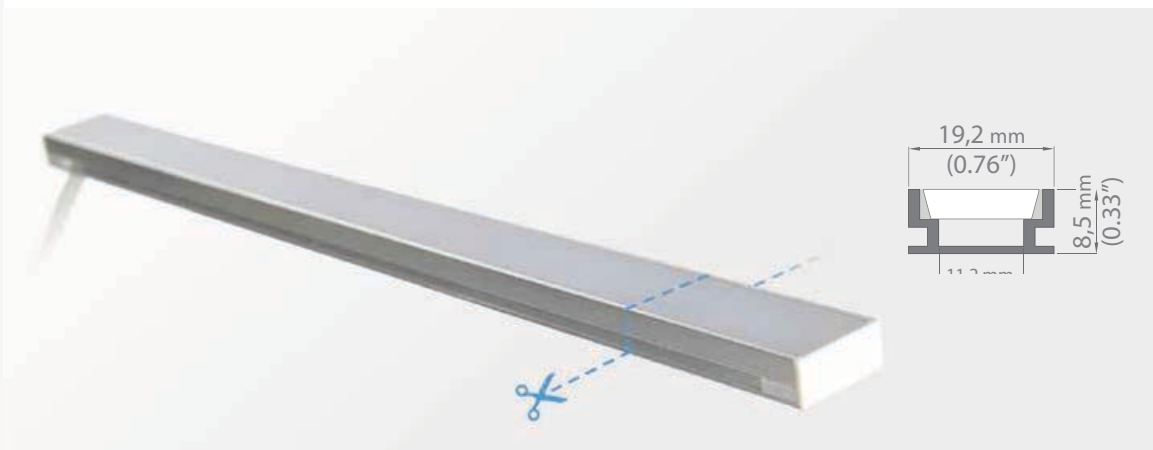


Longitudinal Fastener for BOX Profile
Soporte longitudinal para perfil BOX



Transverse Fastener for BOX Profile
Soporte transversal para perfil BOX





HR - KAT Fixture standard models / Modelo estándar de luminaria HR - KAT

	voltage tensión	color temp. temp. color LED	length longitud	power consumption consumo Watios	surface finish acabado de superficie	article number referencia
HR-KAT 25 DL	12V DC	5500 - 6500 K cool white blanco frío	25 cm	1,0 W	non anodized no anodizado	00266
HR-KAT 50 DL			50 cm	2,2 W		00268
HR-KAT 100 DL			100 cm	4,6 W		00270
HR-KAT 200 DL			200 cm	9,4 W		00272
HR-KAT 25 WW		3000 - 3500 K warm white blanco cálido	25 cm	1,0 W		00267
HR-KAT 50 WW			50 cm	2,2 W		00269
HR-KAT 100 WW			100 cm	4,6 W		00271
HR-KAT 200 WW			200 cm	9,4 W		00273

END CAP / TAPA FINAL



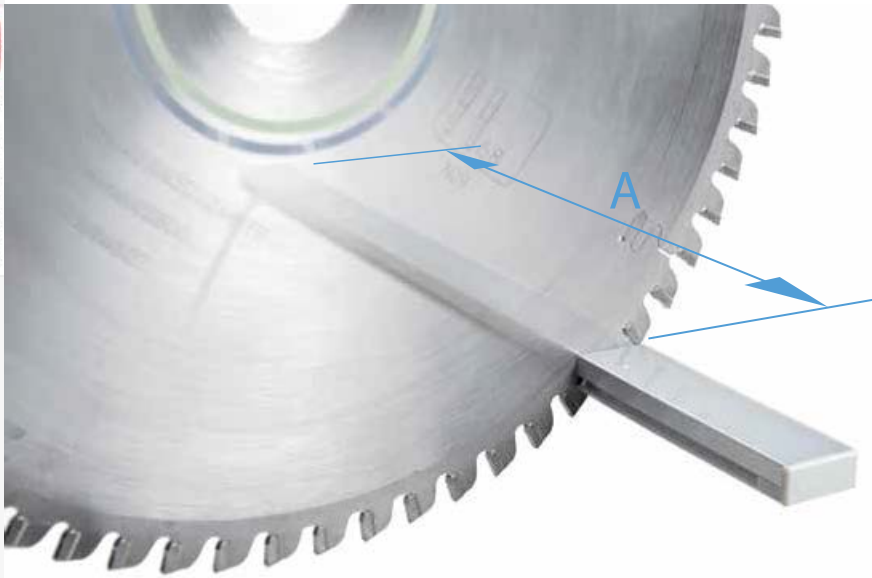
EN **Designed to meet IP 67 waterproof level.**

Construction of the extrusion when installed in floor applications allows it to bear standard loads, maintenance and usage. Height of the profile allows it to be mounted in very small spaces, as thin as the thickness of a tile and layer of glue. Recommended – SIKA: SIKASIL WS605-S, transparent.

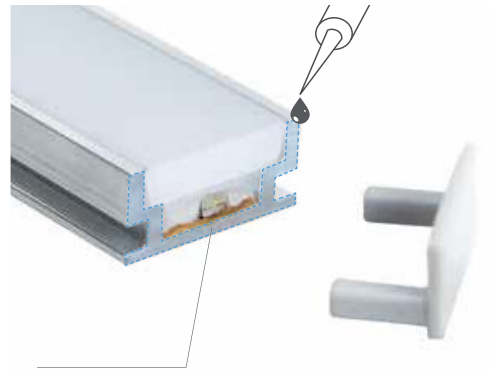
ES **Diseñada para alcanzar un grado de protección IP67.**

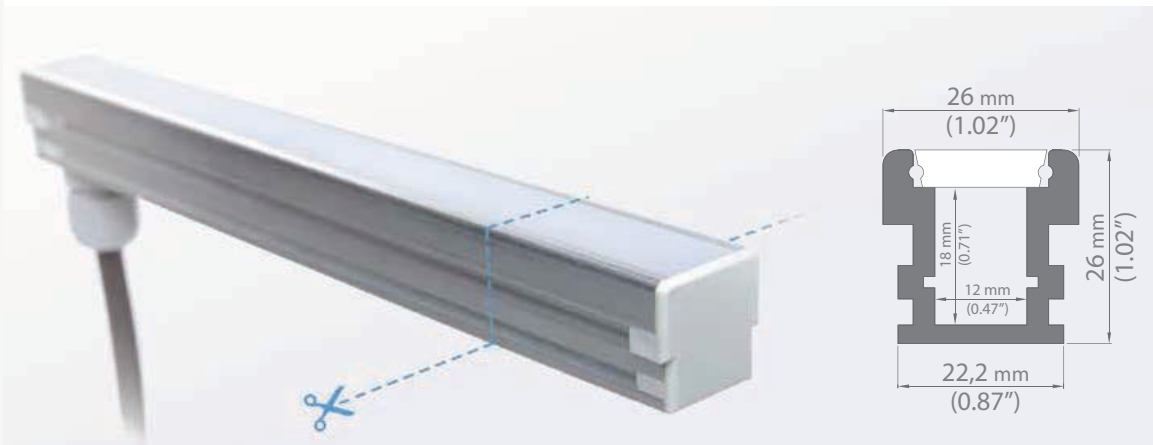
Adecuada para su colocación en suelos. Soporta cargas estándar. La altura del perfil nos permite instalarlo en espacios reducidos, tan delgados como el espesor de la baldosa y la capa de adhesivo. Para el sellado del perfil se recomienda el uso de silicona - SIKA: SIKASIL WS605-S, transparente.

Watch our videos
on YouTube channel
You Tube



- EN HR - KAT is a linear fixture. It includes a power supply connection with a spare wire on one end. The other end **can be cut together with the LEDs to any desire length.**
- ES Luminaria HR- KAT. Con salida de cable en uno de los lados de la luminaria, para su conexión. Por el otro extremo, **puede ser cortada con los LEDs en el interior en la longitud deseada.**





HR - LINE KAT Fixture standard models / Modelo estándar de luminaria HR - LINE KAT

	voltage tensión	color temp. temp. color LED	length longitud	power consumption consumo Watios	surface finish acabado de superficie	article number referencia
HR-LINE KAT 25 DL	12V DC	5500 - 6500 K cool white blanco frío	25 cm	1,0 W	non anodized no anodizado	00258
HR-LINE KAT 50 DL			50 cm	2,2 W		00260
HR-LINE KAT 100 DL			100 cm	4,6 W		00262
HR-LINE KAT 200 DL			200 cm	9,4 W		00264
HR-LINE KAT 25 WW		3000 - 3500 K warm white blanco cálido	25 cm	1,0 W		00259
HR-LINE KAT 50 WW			50 cm	2,2 W		00261
HR-LINE KAT 100 WW			100 cm	4,6 W		00263
HR-LINE KAT 200 WW			200 cm	9,4 W		00265

END CAP / TAPA FINAL

HR-LINE-Z 00301



BASE FOAM / BASE DE ESPUMA

1466



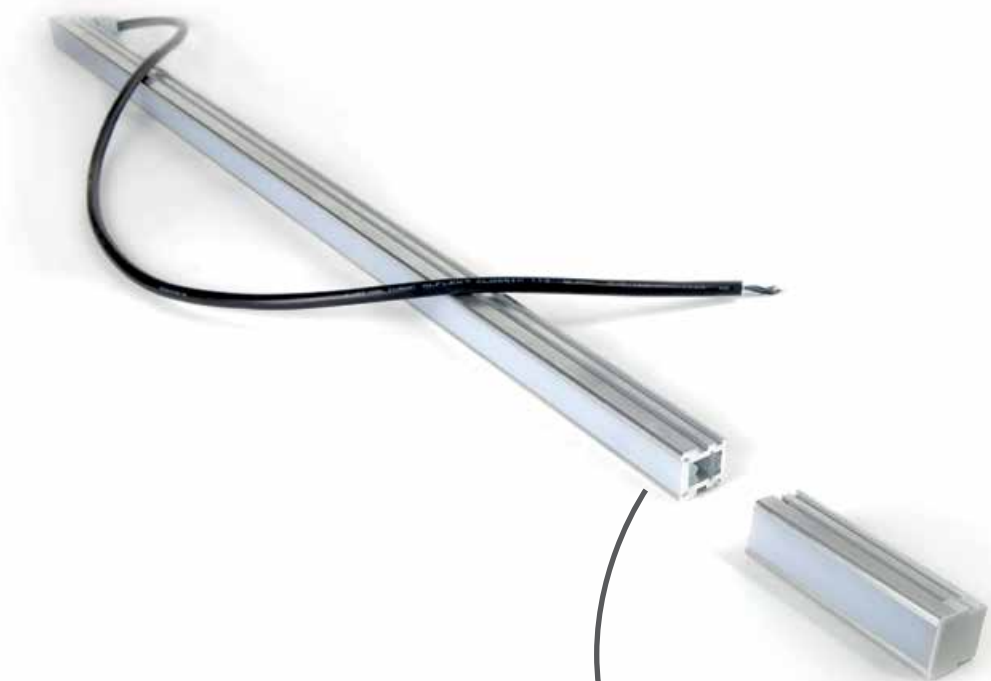
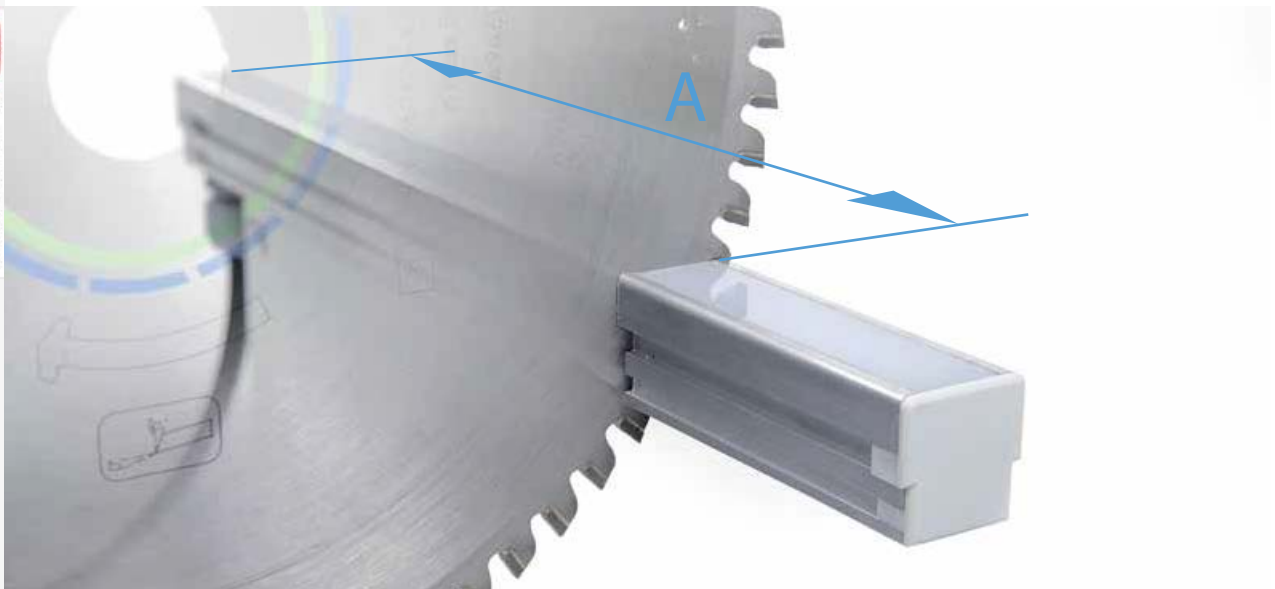
length / longitud: 1240 mm
height / altura: 26mm*

LED lighting fixtures Lámpara

- EN **Designed to meet IP 67 waterproof level.**
Profile construction makes it durable and sturdy, resistant to standard loads.
For mounting in pavement: driveways, parking garages.
Recommended – SIKA: SIKASIL WS605-S, transparent.
- ES **Diseño para alcanzar un grado de protección IP67.**
La construcción de este perfil, lo hace durable y robusto, resistente a cargas estándar.
Para montaje en pavimentos: calzadas y aparcamientos.
Para el sellado del perfil se recomienda el uso de silicona - SIKA: SIKASIL WS605-S, transparente.

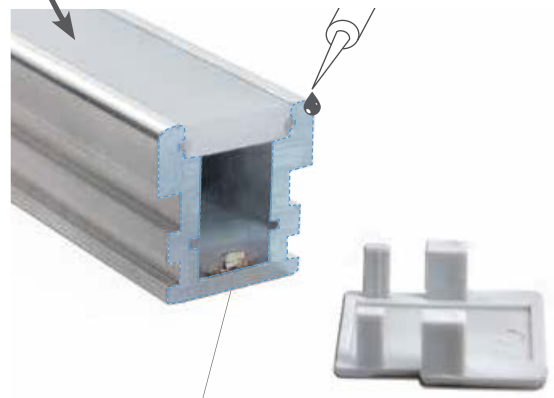
* Foams of custom heights are available by arrangement with the sales department of KLUŠ. /
La altura de la base de espuma puede personalizarse. Disponible bajo petición al departamento de ventas de Klus

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EN HR - LINE KAT is a linear fixture. It includes a power supply connection with a spare wire on one end. The other end **can be cut together with the LEDs to any desired length.**

ES Luminaria HR-LINE KAT. Con salida de cable en uno de los lados de la luminaria, para su conexión. Por el otro extremo, **puede ser cortada con los LEDs en el interior en la longitud deseada.**



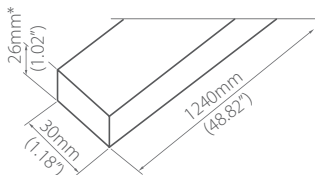


EN FOAM BASE Functions:

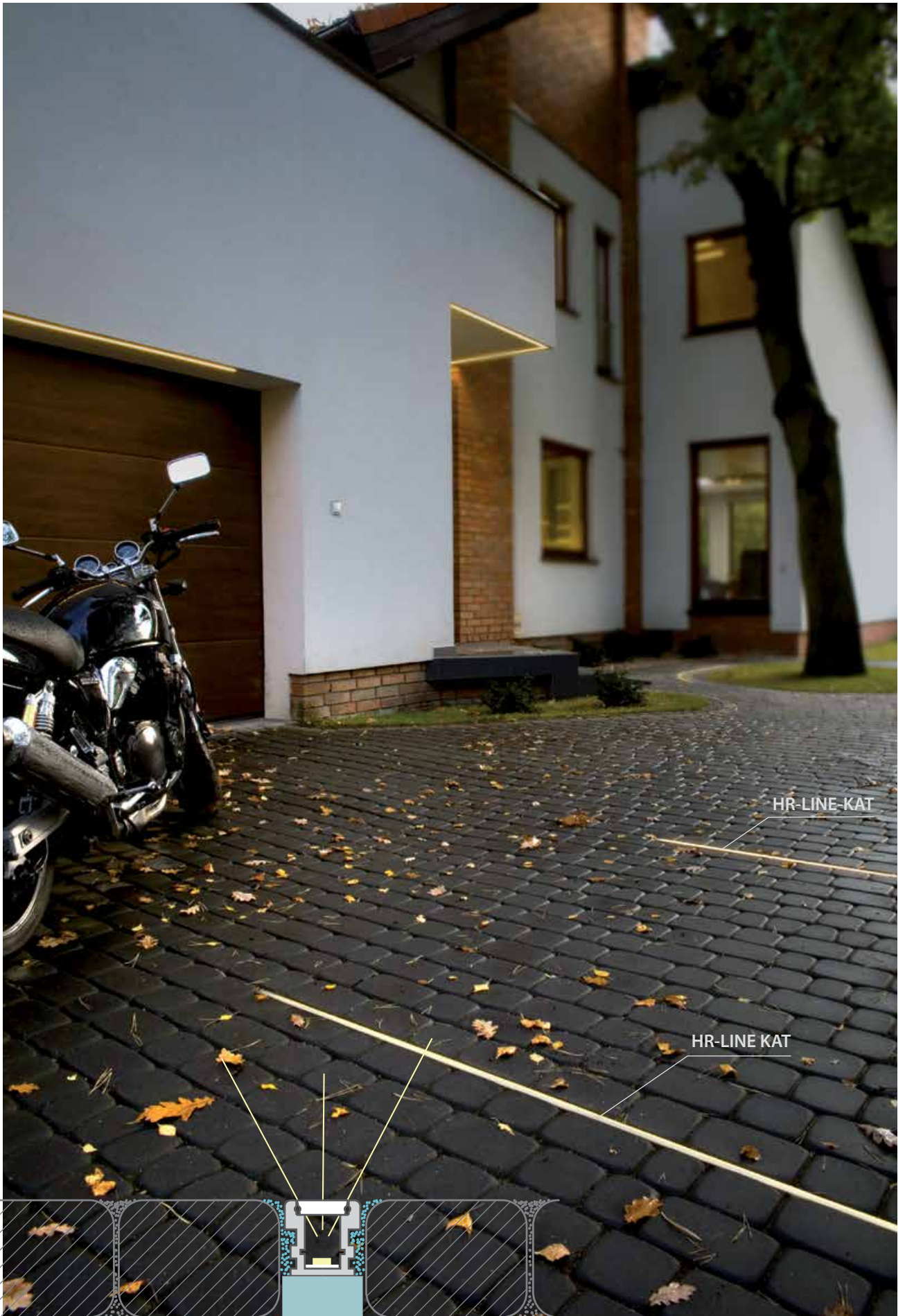
Selection of the right height of the foam base enables to level the HR-LINE KAT Profile with the surface (such as different types of pavers).
 „Foam base“ is elastic – it cushions the loads to which the HR-LINE Profile is exposed.
 „Foam base“ is a template for mounting the HR-LINE Profile, during the paver installation.

ES Funciones de la base de espuma:

La selección de la altura correcta de la base de espuma permite nivelar el perfil HR-LINE con la superficie (por ejemplo, diferentes tipos de adoquines).
 Es elástica - amortiguando las cargas a las que está expuesto el perfil HR-LINE.
 Sirve de plantilla a la hora de montar el perfil HR-LINE, durante la instalación del pavimento.



* Foams of custom heights are available by arrangement with the sales department of KLUŠ.
 Range of heights is: 10 - 100mm.
 La altura de la base de espuma puede personalizarse. Disponible bajo petición al departamento de ventas de Klus. El rango de altura es: 10 - 100mm.



LED Accessories

Accesorios LED



Proximity Switch
Interruptor de proximidad



MICRO switch
MICRO interruptor



Mounting bracket
Grapa de montaje



Fasteners
Soportes



Mounting springs
Resortes de montaje



DP fasteners
Soportes DP



Fastener sets
Kit de soportes



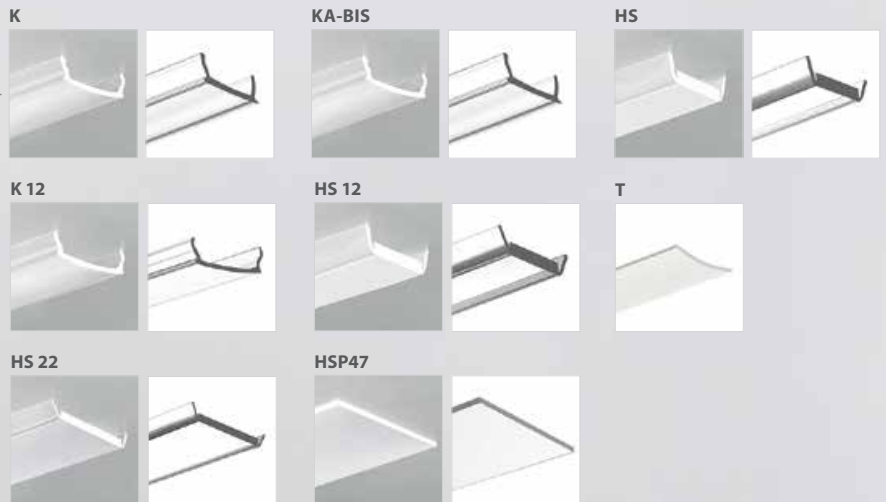
Waterproof boxes
Cajas estancas



Special covers / Difusores especiales



Standard covers / Difusores estándar







End cap with hole
Tapa final con agujero

Electricity conductive end cap
Tapa final electrificada

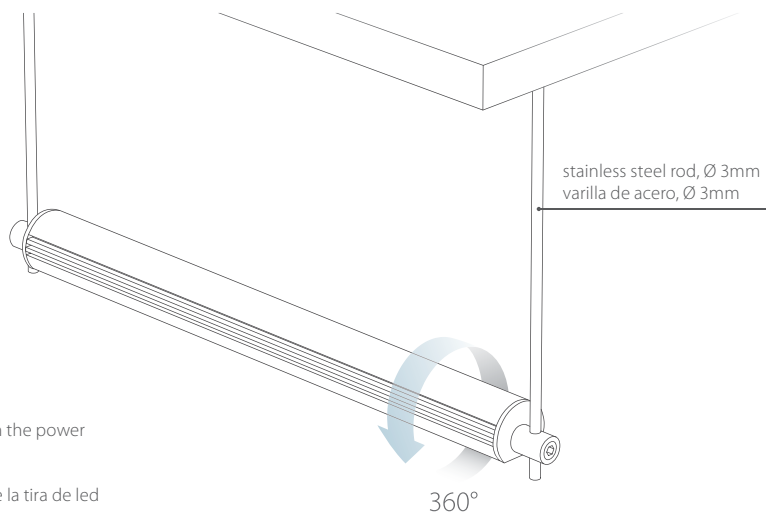
End cap
Tapa final





Electricity conductive end caps Tapas electrificadas	for profile para perfil	acabado de superficie acabado superficie	article number referencia
	PDS 4 - ALU		1407
	PDS - O	plastic, metallic elements – conducting electricity Color: grey (plastic), stainless steel (metallic elements)	1435
	MICRO - ALU	Plástico, partes metálicas - electrificadas y conductoras. Color: gris (plástico), acero inoxidable (partes metálicas)	1443
 MICRO - M3	MICRO - ALU		42601

Certificate / Patent: CE, Patent rights
Certificado CE y derechos de patente



EN Electricity conductive connector between the power source and diodes placed in the fixture.

ES Actúa como conductora de corriente entre la tira de led de la luminaria y la fuente de alimentación.




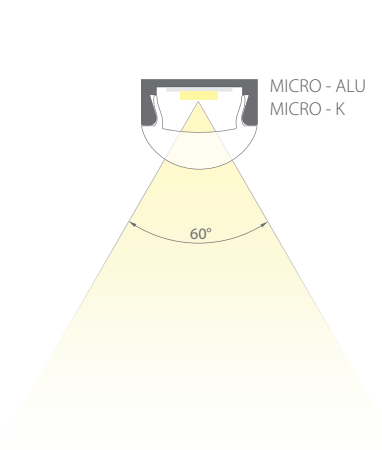
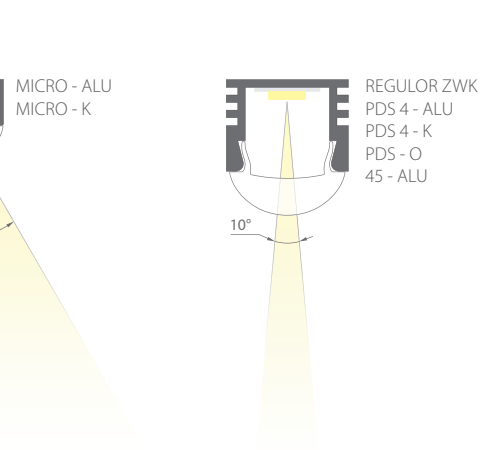




Mounting brackets Grapa de montaje	surface finish acabado de superficie	for profile para perfiles	article number referencia
	Matte chrome cromada mate	PDS 4-ALU, PDS-O, MICRO-ALU, REGULOR ZWK, TAMI	1345
	zinc zinc		1072
	Matte chrome cromada mate	45-ALU	1455
	zinc zinc		1399
	PL-PDM	PDS 4-ALU, PDS-O, MICRO-ALU, REGULOR ZWK TAMI	24041



accessories accesorios

EN The mounting bracket supports both fixtures; the cover runs through the connection spot, uniting them.
ES La grapa de montaje permite la unión de varios perfiles.

			<p>MICRO - ALU MICRO - K</p>	<p>REGULOR ZWK PDS 4 - ALU PDS 4 - K PDS - O 45 - ALU</p>		
S	S-SATYNA	length longitud	cover difusor	for profile para perfil	surface finish acabado de superficie	article number referencia

		<p>1m (standard) 2m (standard) 3m *</p>	<p>clear transparente</p> <hr/> <p>transparent matte transparente mate</p>	<p>REGULOR ZWK</p> <p>(MICRO - ALU, PDS 4 - ALU, MICRO - K, PDS 4 - K, PDS - O, 45 - ALU)</p>	<p>Light Focusing Cover Difusor óptico</p>	<p>00220</p> <hr/> <p>17111</p>
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LINE OF LIGHT
LÍNEA DE LUZ

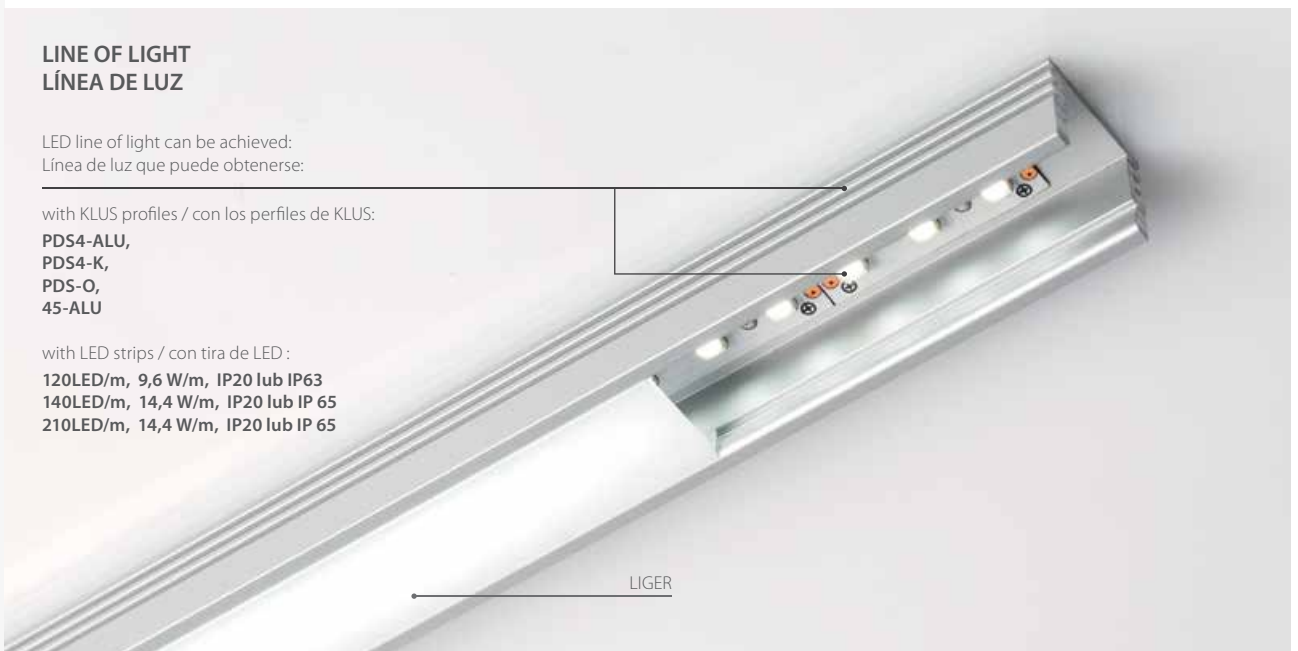
LED line of light can be achieved:
Línea de luz que puede obtenerse:

with KLUS profiles / con los perfiles de KLUS:

PDS4-ALU,
PDS4-K,
PDS-O,
45-ALU

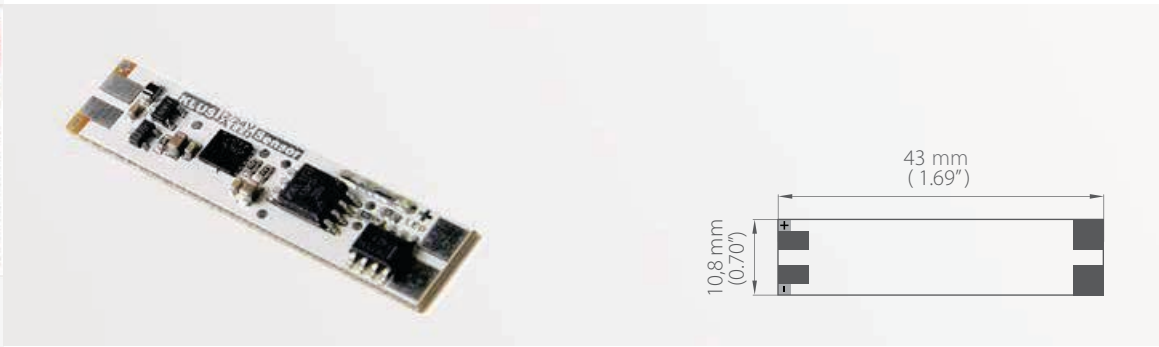
with LED strips / con tira de LED :

120LED/m, 9,6 W/m, IP20 lub IP63
140LED/m, 14,4 W/m, IP20 lub IP 65
210LED/m, 14,4 W/m, IP20 lub IP 65



	<p>length longitud</p> <p>1m (standard) 2m (standard) 3m *</p>	<p>cover difusor</p> <p>frosted matte opal mate</p>	<p>for profile para perfil</p> <p>REGULOR ZWK MICRO - ALU PDS 4 - ALU MICRO - K PDS 4 - K PDS - O 45 - ALU</p>	<p>surface finish acabado de superficie</p> <p>Special optical material with very good dispersing properties. Milky matte surface of excellent quality. Material óptico especial con muy buenas propiedades de dispersión. Excelente calidad en superficie mate.</p>	<p>article number referencia</p> <p>17031</p>
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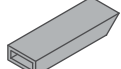
Proximity Switch Interruptor de proximidad	voltage tensión	recommended electrical load carga máxima recomendada	article number referencia
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	DC 12V / DC 24V	4A (48W) / 12V 4A (98W) / 24V	00234
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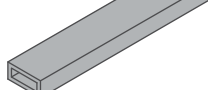
Proximity Switch with cable Interruptor de proximidad con cable	voltage tensión	recommended electrical load carga máxima recomendada	cable length longitud del cable	article number referencia
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	DC 12V / DC 24V	4A (48W) / 12V 4A (98W) / 24V	1,5 m (590.55")	00235
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MW base 11x5 Base elevadora MW 11x5	length longitud	width ancho	height alto	surface finish acabado de superficie	article number referencia
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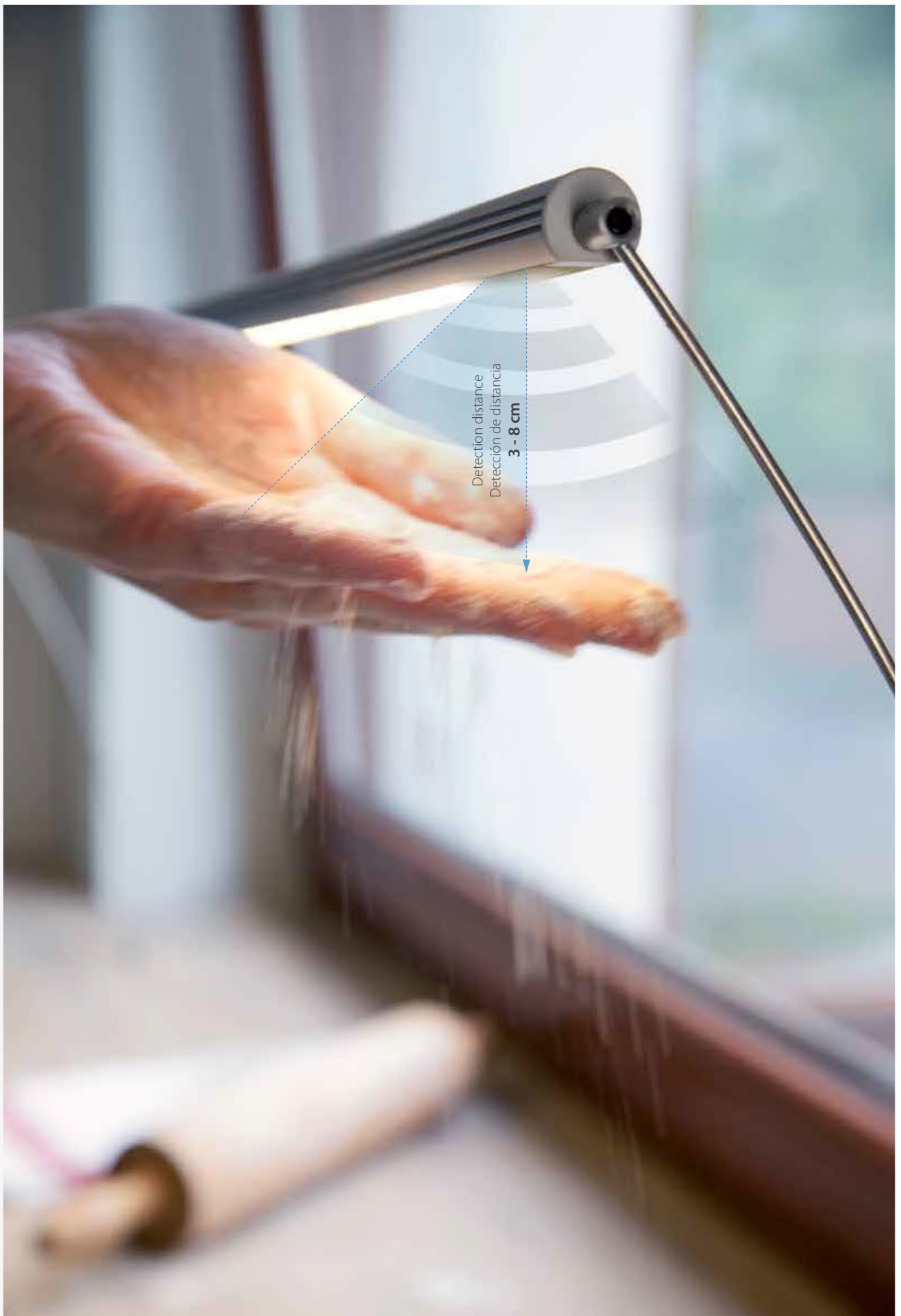
	33 mm (1.29")	11 mm (0.43")	5 mm (0.19")	anodized anodizado	00035
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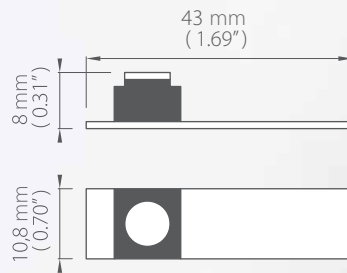
MW Base 11x5 for LED Base elevadora MW 11x5 (LED)	length longitud	width ancho	height alto	surface finish acabado de superficie	article number referencia
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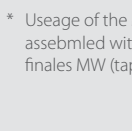
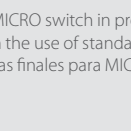
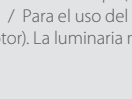
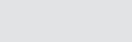
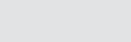
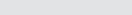
	1m (393.7") 2m (787.4")	11 mm (0.43")	5 mm (0.19")	anodized anodizado	00036
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accessories
accesorios







MICRO switch MICRO interruptor	voltage tensión	recommended electrical load carga máxima recomendada	article number referencia	
	DC 12V / DC 24V	4A (48W) / 12V 4A (98W) / 24V	1576	
MICRO switch with cable MICRO interruptor con cable	voltage tensión	recommended electrical load carga máxima recomendada	cable length longitud del cable	article number referencia
	DC 12V / DC 24V	4A (48W) / 12V 4A (98W) / 24V	1,5 m (590.55")	1491
MW End Caps tapa final MW				article number referencia
		MICRO MW end cap with hole tapa final MICRO MW con agujero		00024
		MICRO - K MW end cap Tapa final MICRO - K MW		00025
		PDS 4 - ALU MW end cap Tapa final PDS 4 - ALU MW		00026
		PDS 4 - ALU MW end cap with hole Tapa final PDS 4 - ALU MW con agujero		00027
		PDS - O MW end cap Tapa final PDS - O MW		00028
		PDS - O MW end cap with hole tapa final PDS - O MW con agujero		00029
		45 - ALU MW end cap tapa final 45 - ALU MW		00030
		45 - ALU MW end cap with hole Tapa final 45 - ALU MW con agujero		00031
		PDS 4 - K MW end cap Tapa final PDS 4 - K MW		00032

accessories

* Usage of the MICRO switch in profiles requires MW end caps (end caps for MICRO switch). The lighting fixture can not be assembled with the use of standard end caps / Para el uso del MICRO interruptor en perfiles, es necesaria la utilización de tapas finales MW (tapas finales para MICRO interruptor). La luminaria no puede ensamblarse con las tapas finales estándar

MW base 11x5
base elevadora W 11x5 para interruptor

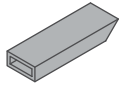
length
longitud

width
ancho

height
alto

surface finish
acabado de superficie

article number
referencia



33 mm
(1.29")

11 mm
(0.43")

5 mm
(0.19")

anodized
anodizado

00035

MW Base 11x5 for LED
base elevadora MW 11x5 para LED

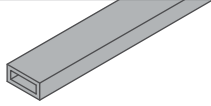
length
longitud

width
ancho

height
alto

surface finish
acabado de superficie

article number
referencia



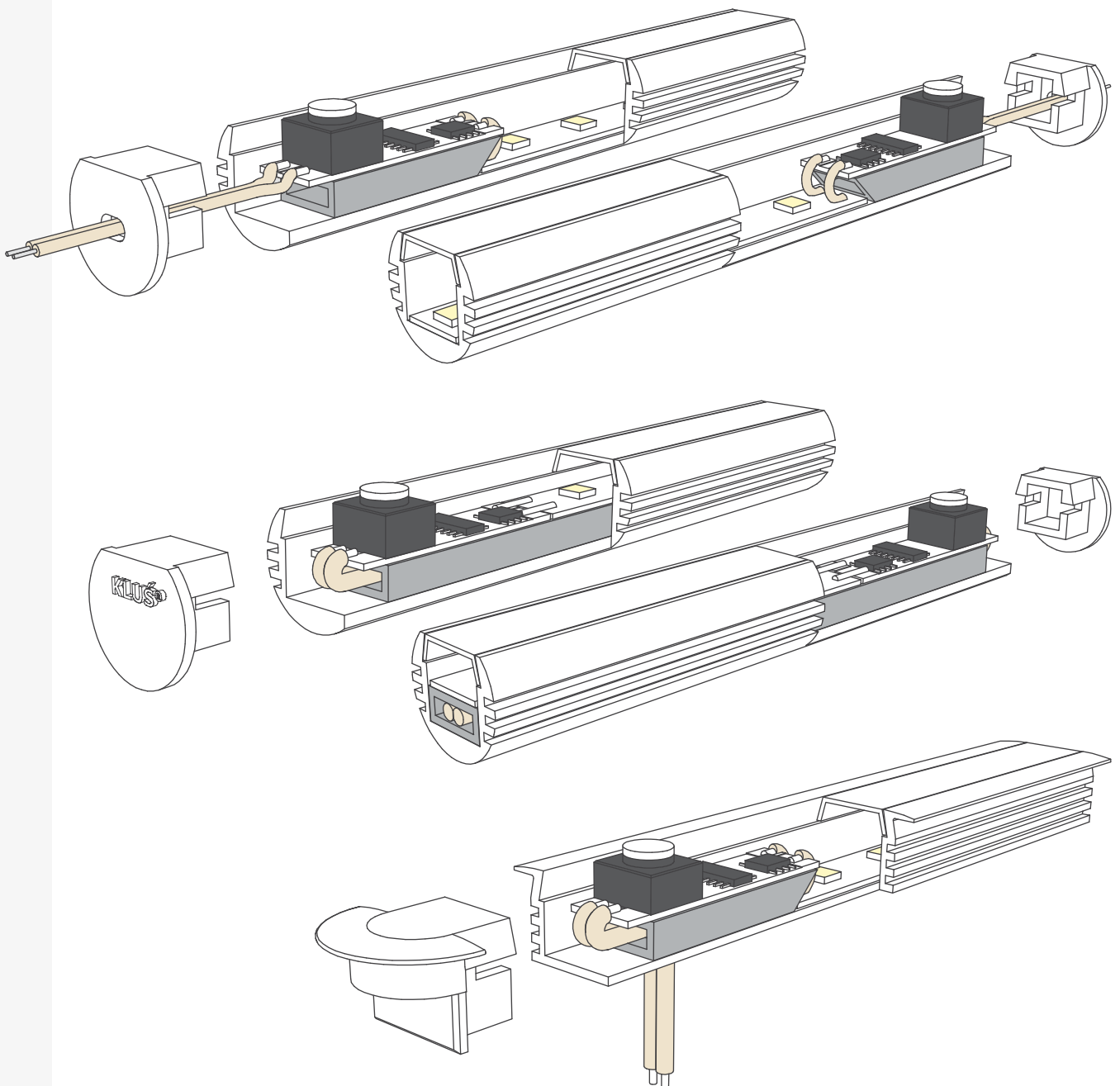
1m (393.7")
2m (787.4")

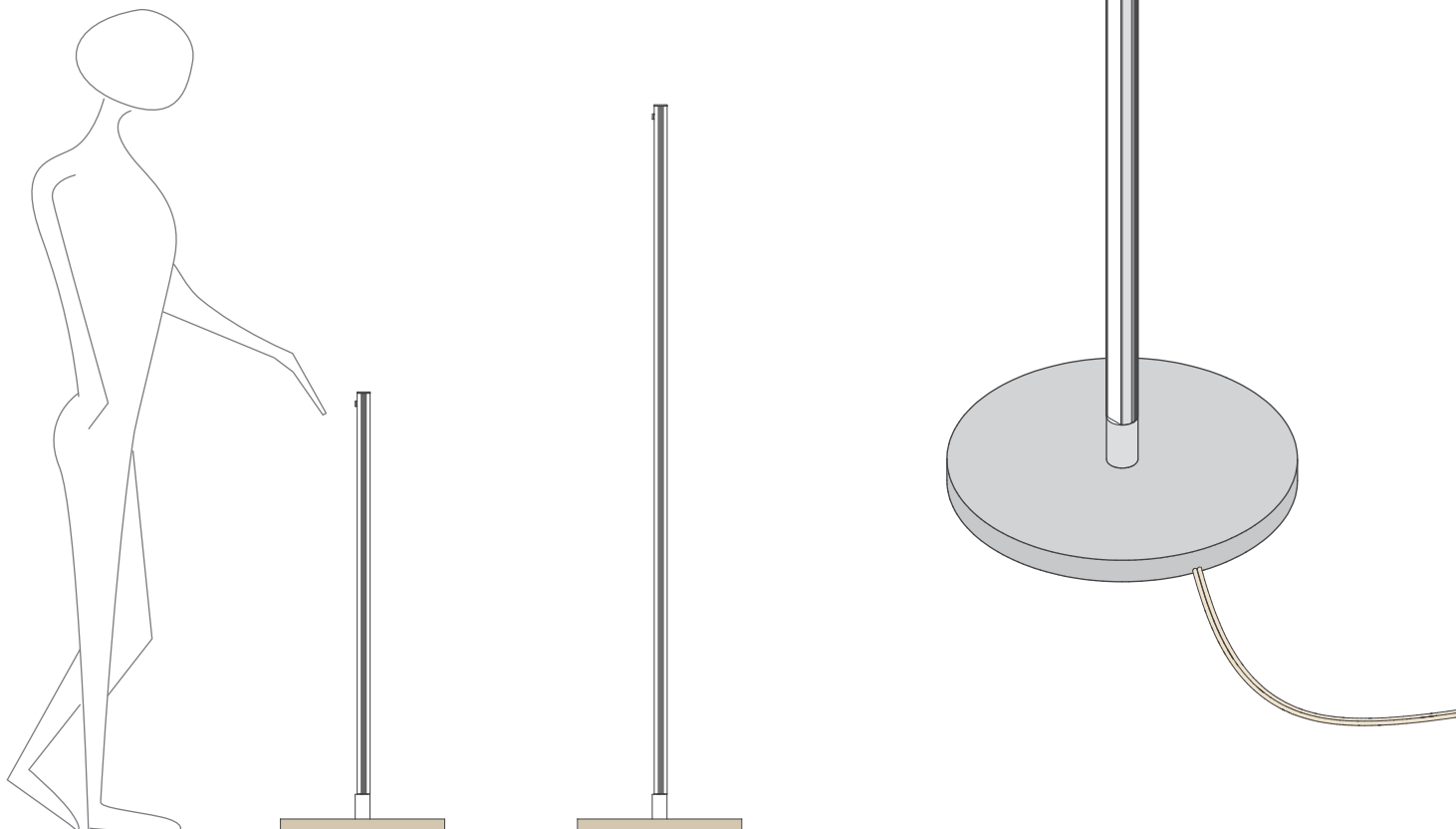
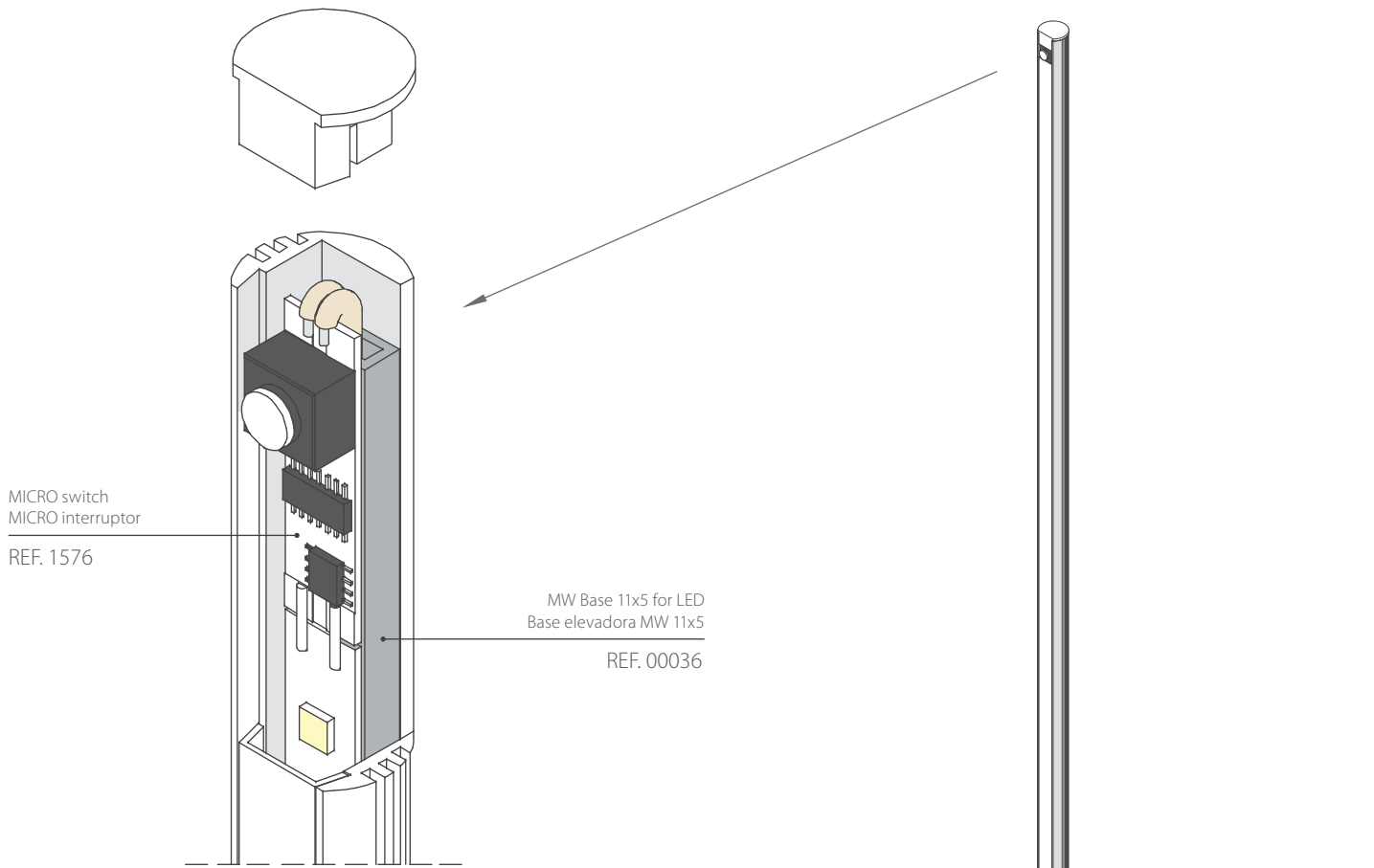
11 mm
(0.43")

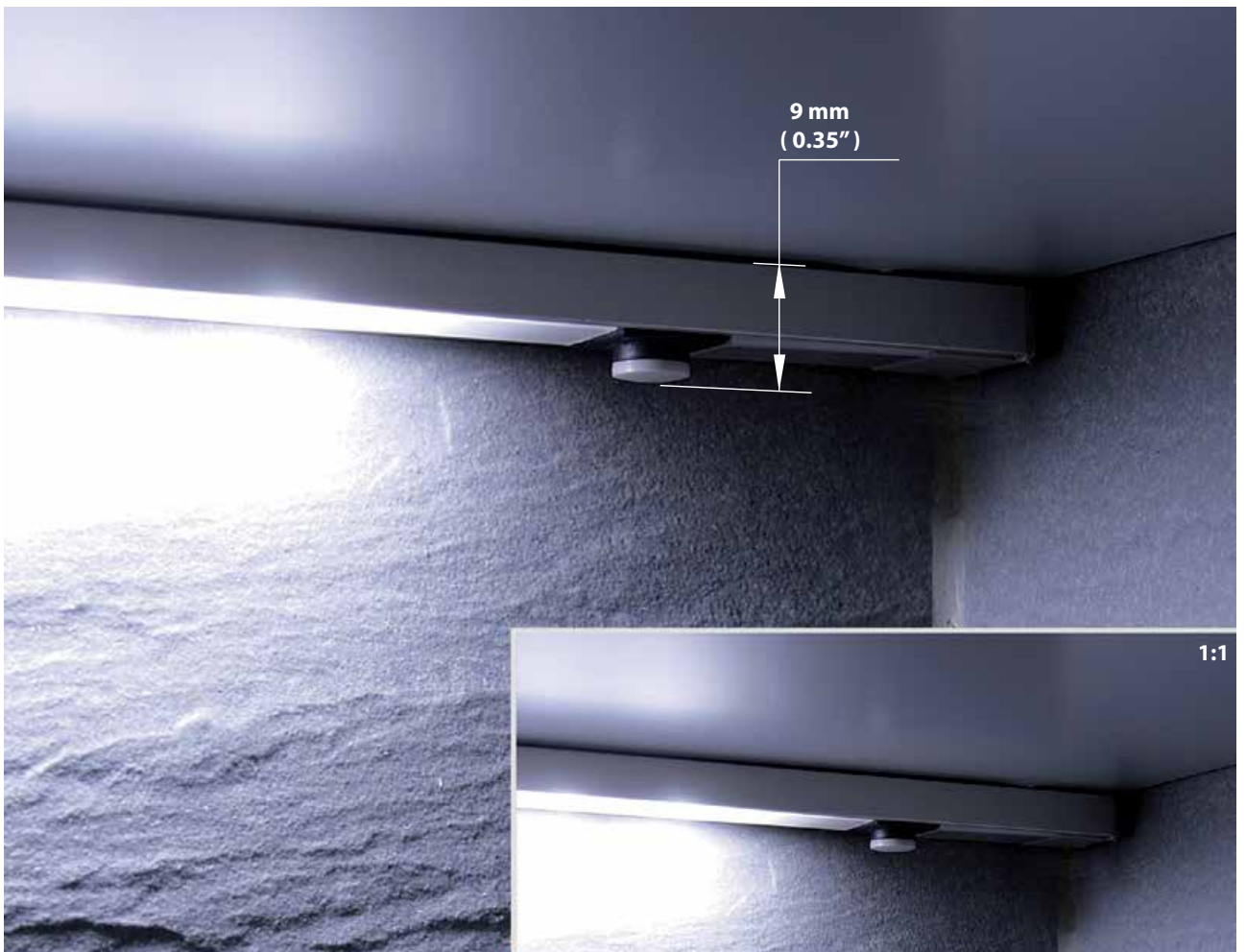
5 mm
(0.19")




anodized
anodizado

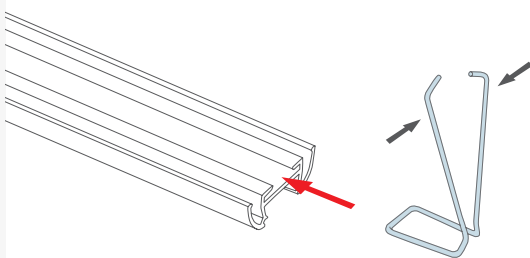
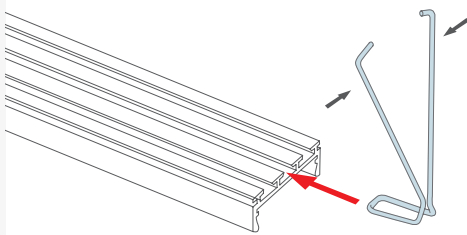
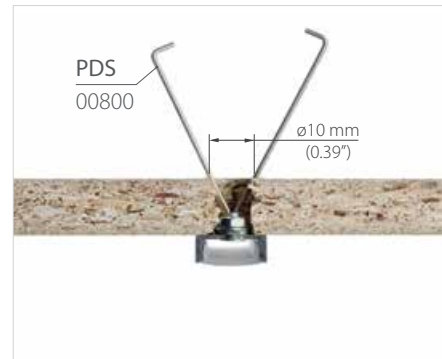
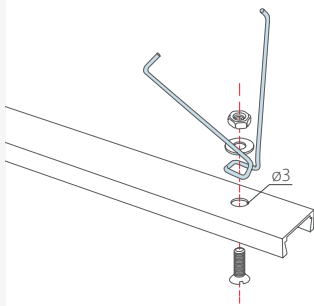
00036



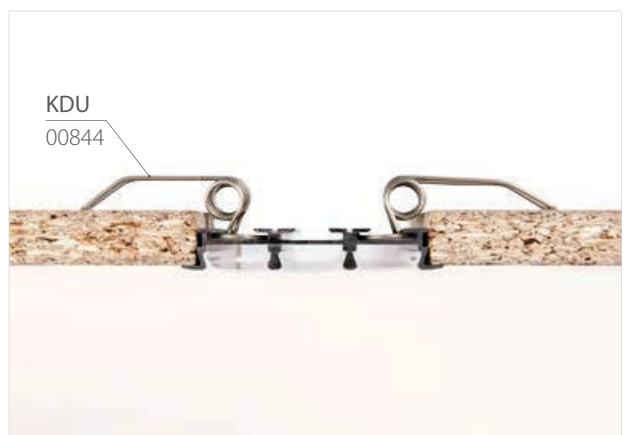
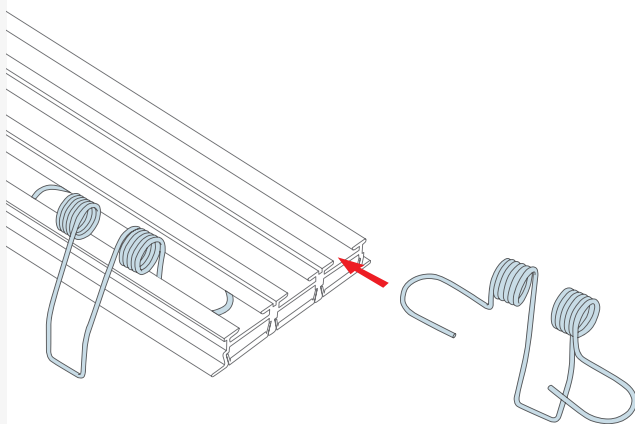
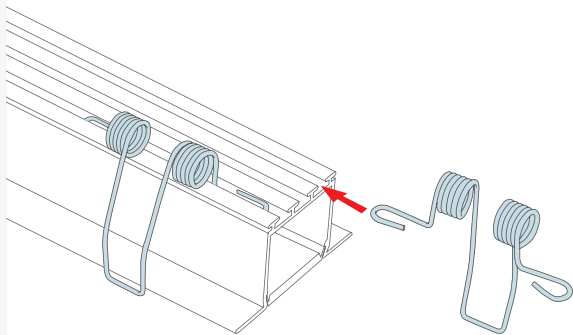










Surface springs Resortes de superficie	for profile para perfil	description descripción	article number referencia
 PDS	PDS 4 - ALU MICRO - ALU TAMI STOS - ALU	Surface springs attach the profiles-fixtures designed for surface mounting (not recessed.) The minimum required thickness of the mounting surface is 10 mm. Resorte de montaje para fijar perfiles en superficie (no empotrados). Es necesario realizar un orificio de mínimo 10mm de diámetro, para su colocación.	00800
 GP	GIZA LIPOD GIP		00293
 TR	TOST TRIADA		00801

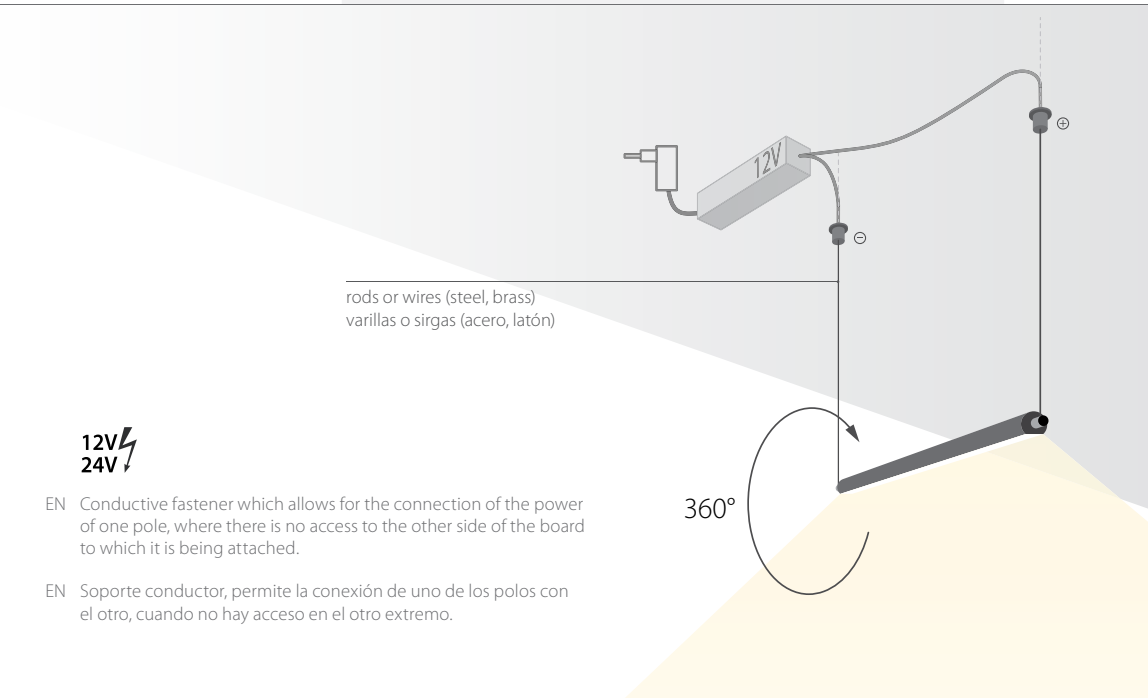


Springs for grooves Resortes para empotrar	for profile para perfil	description descripción	article number referencia
 <p>KMA</p>	<p>LESTO LARKO OPAC-30 SEKODU SEPOD</p>	<p>Springs for grooves – they attach profiles with collars, designed for grooves and slots.</p>	<p>00838</p>
 <p>KDU</p>	<p>TAKO TRIADA - K</p>	<p>Resortes , para montaje, empotrados en techo.</p>	<p>00844</p>



longitudinal fastener soporte longitudinal	description descripción	article number referencia
	longitudinal conductive fastener for drywall ceilings soporte conductor longitudinal para pladur	42552
	longitudinal Fastener for drywall ceilings soporte longitudinal para pladur	1559
	longitudinal conductive fastener for walls soporte conductor longitudinal para paredes	00093
transverse fastener soporte transversal	description descripción	article number referencia
	transverse conductive fastener for drywall ceilings soporte conductor transversal para pladur	42553
	transverse Fastener for drywall ceilings soporte transversal para pladur	42551
	conductive fastener for walls soporte conductor transversal para paredes, muros	00097

accessories accesorios



49 conductive fastener, longitudinal
Soporte conductor longitudinal 49

description
descripción

article number
referencia



longitudinal conductive fastener for drywall ceilings
soporte conductor longitudinal para pladur

42555



longitudinal conductive fastener for walls
soporte conductor longitudinal para paredes

42556

49 conductive fastener, transverse
soporte conductor transversal 49

description
descripción

article number
referencia



transverse conductive fastener for drywall ceilings
soporte conductor transversal para pladur

42557



transverse conductive fastener for walls
soporte conductor transversal para paredes

42558

fastener
soporte

description
descripción

article number
referencia



longitudinal fastener
for countertops
soporte longitudinal
para encimeras

1524

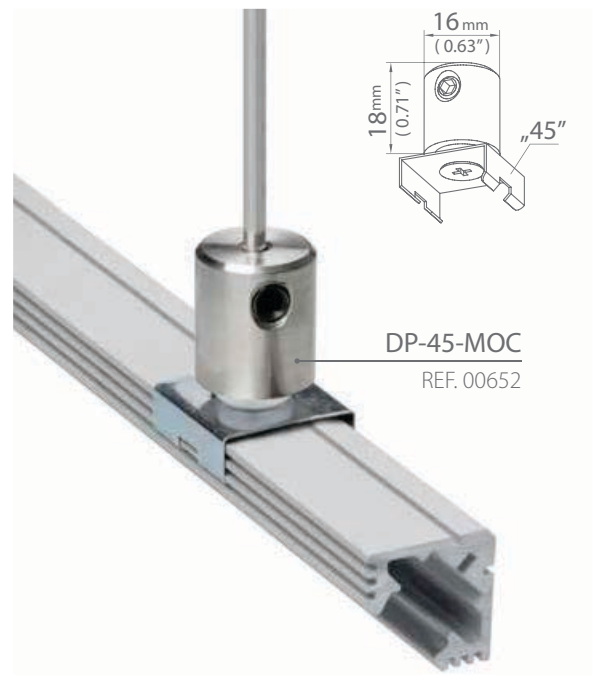
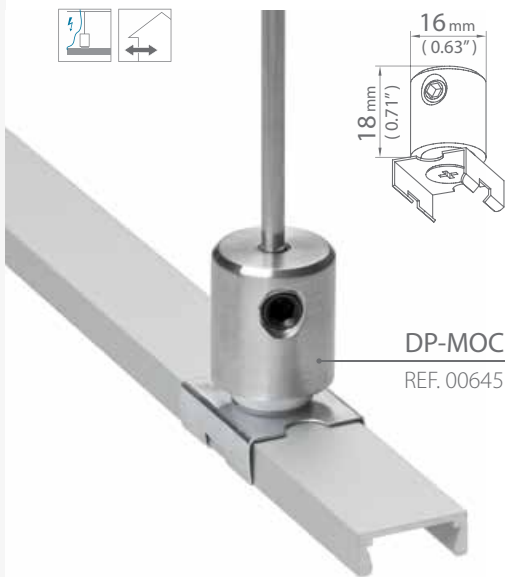


transverse fastener
for countertops
soporte transversal
para encimeras

00037



REF. 1524

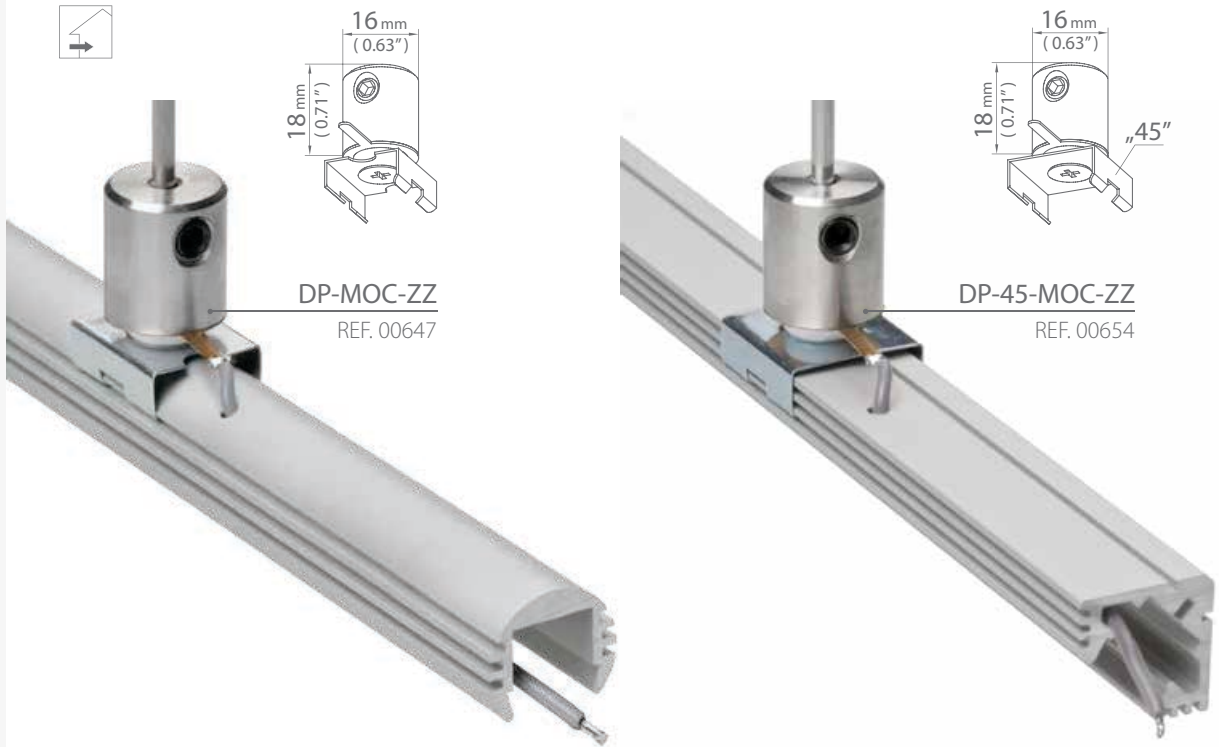


EN Fasteners are used **for the suspension and support of the fixtures**, especially the long ones, in order to get rid of uneven suspension problems. Fasteners are mounted to the profile with a mounting bracket.

ES **Soportes diseñados para la suspensión de perfiles**, especialmente en luminarias largas, con el fin de evitar problemas de suspensión desiguales. Soporte montado sobre perfil mediante grapa.

fastener soporte	for the profile para perfil	description descripción	article number referencia
 <p>DP-MOC</p>	PDS 4-ALU MICRO-ALU TAMI PDS-O REGULOR ZWK	DP fasteners with a mounting bracket Soportes DP con grapa de montaje	00645
 <p>DP-45-MOC</p>	45-ALU TAN-C5		00652





the cable connecting one side of the LED strip with the electrical connection of the fastener is barely visible outside of the fixture
el cable de conexión de la tira de LED con el brazo- varilla, apenas visible



EN Electricity conductive ZZ fasteners are designed **for the suspension and support of the profiles, and also to supply power to the LED strip.** Fasteners are mounted to the profile with a mounting bracket.

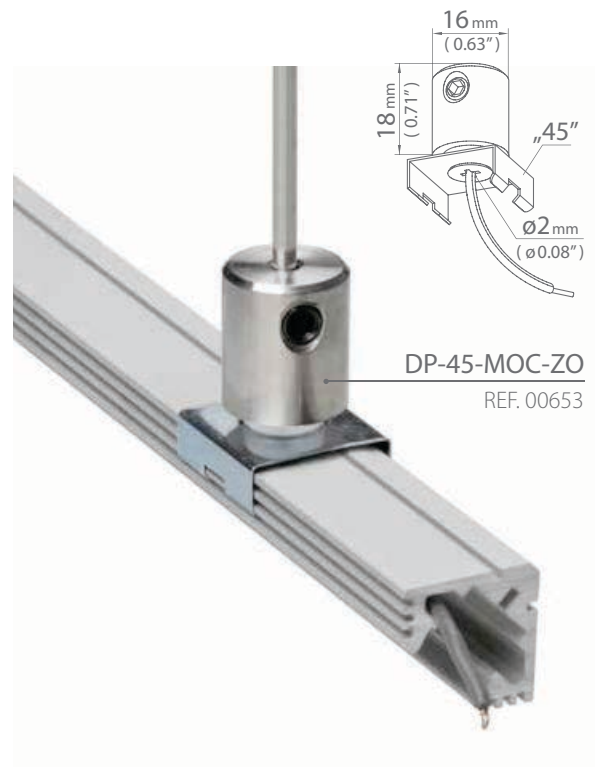
External electricity conductive fasteners are used for the transfer of power voltage of 12 and 24 V. One side of the LED is powered by one fastener. In this case, electricity from one side of the LED flows along one arm.

ES Soporte electrificado ZZ, diseñado para la suspensión, fijación de perfiles y alimentación de la tira de LED.

Soporte montado sobre perfil mediante grapa.

Electrificado externamente para alimentar a 12 y 24V. El led es alimentado por uno de los soportes, en este caso por uno de los brazos o varilla.

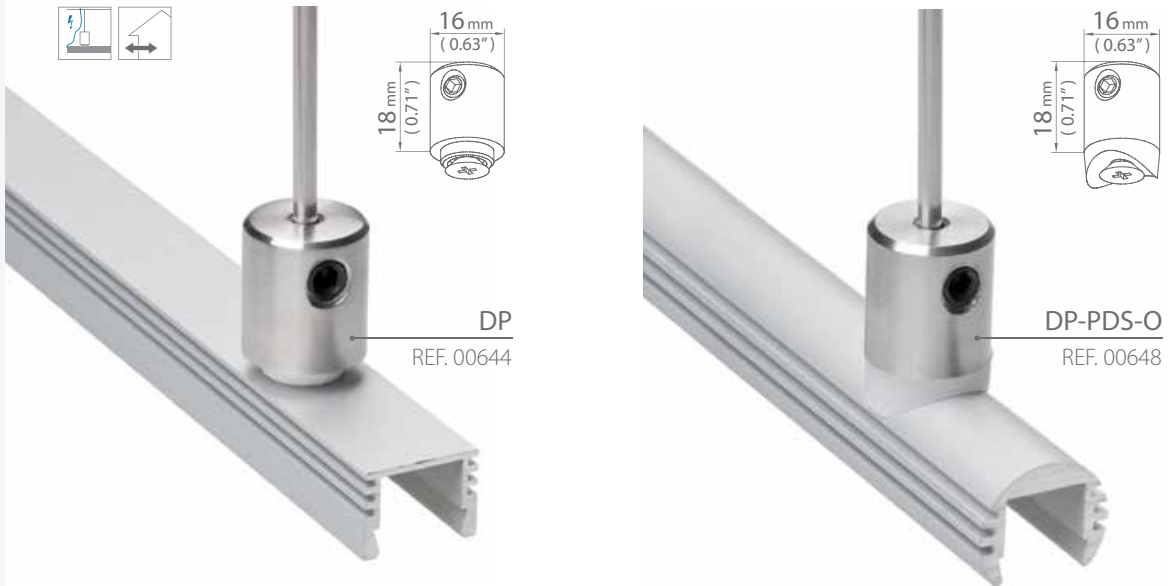
fastener soporte	for the profile para perfil	description descripción	input voltage tensión de entrada	article number referencia
 DP-MOC-ZZ	PDS 4-ALU MICRO-ALU TAMI PDS-O REGULOR ZWK	DP fasteners with a mounting bracket and external supply of power Soportes DP con grapa de montaje, electrificado externamente	12 V	00647
			24 V	
 DP-45-MOC-ZZ	45-ALU TAN-C5		12 V	00654
			24 V	



the cable connecting the LED strip with the arm is out-of-sight
el cable de conexión de la tira de LED con el brazo- varilla, queda oculto



- EN Electricity conductive ZO fasteners are designed for the suspension and support of the profiles, and also to provide a supply of power to the LED strip. Fasteners are mounted to the profile with a mounting bracket. Internal electricity conductive fasteners are used for the transfer of power voltage of 12 and 24 V. One side of the LED is powered by one fastener. In this case, electricity from one side of the LED flows along one arm.
- ES Soporte electrificado ZO, diseñado para la suspensión, fijación de perfiles y alimentación de la tira de LED. Soporte montado sobre perfil mediante grapa. Electrificado internamente para alimentar a 12 y 24V. El led es alimentado por uno de los soportes, en este caso por uno de los brazos o varilla.

fastener soporte	for the profile para perfil	description descripción	input voltage tensión de entrada	article number referencia
 DP-MOC-ZO	PDS 4-ALU MICRO-ALU TAMI PDS-O REGULOR ZWK	DP fasteners with a mounting bracket and internal supply of power Soportes DP con grapa de montaje, electrificado internamente	12 V	00646
			24 V	
 DP-45-MOC-ZO	45-ALU TAN-C5		12 V	00653
			24 V	

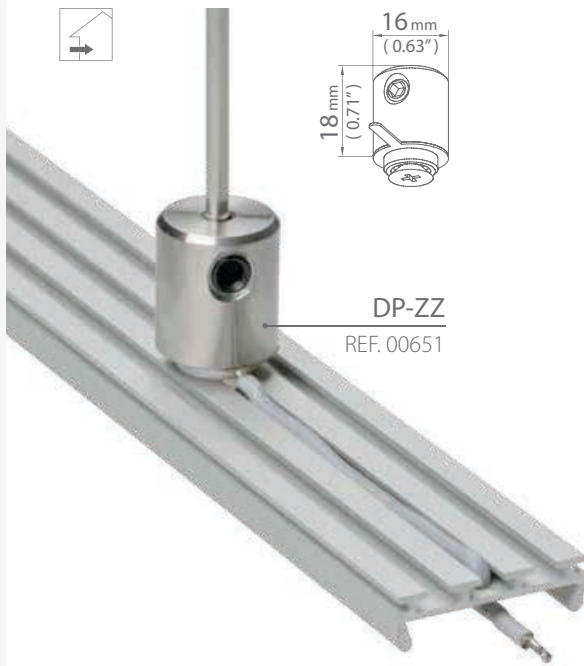


EN Fasteners are used **for the suspension and support of the fixtures**, especially the long ones, in order to get rid of uneven suspension problems. Fasteners are mounted directly to the profile with a countersunk screw.

ES **Soportes diseñados para la suspensión de perfiles**, especialmente en luminarias largas, con el fin de evitar problemas de suspensión desiguales. Soporte montado directamente sobre perfil mediante tornillo avellanado.

fastener soporte	for the profile para perfil	description descripción	article number referencia
 DP	PDS 4-ALU MICRO-ALU TAMI GIZA LIPOD GIP REGULOR ZWK TRIADA SEPOD	DP fasteners without a mounting bracket Soporte DP sin grapa de montaje	00644
 DP-PDS-O	PDS-O		00648





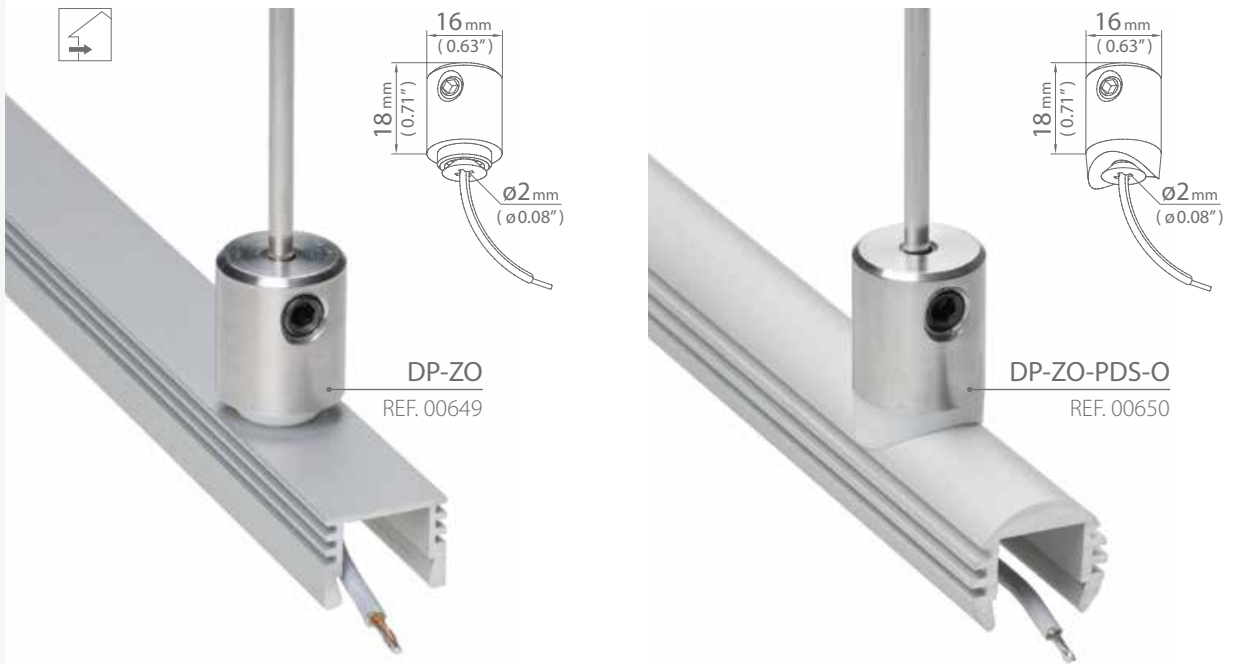


the cable connecting one side of the LED strip with the electrical connection of the fastener was hidden in the profile ribbing
 EL cable de conexión de la tira de LED con el brazo- varilla, queda apenas visible, pudiendo ocultarse entre los surcos del perfil

EN Electricity conductive ZZ fasteners are designed **for the suspension and support of the profiles, and also to provide power to the LED strip.**
 Fasteners are mounted directly to the profile with a countersunk screw.
 External electricity conductive fasteners are used for the transfer of power voltage of 12 and 24 V. One side of the LED strip is powered by one fastener.
 In this case, electricity from one side of the LED flows along one arm.

ES Soporte electrificado ZZ, **diseñado para la suspensión, fijación de perfiles y alimentación de la tira de LED.**
 Soporte montado directamente sobre perfil mediante tronillo avellanado.
 Electrificado externamente para alimentar a 12 y 24V.
 El led es alimentado por uno de los soportes, en este caso por uno de los brazos o varilla.

fastener soporte	for the profile para perfil	description descripción	input voltage tensión de entrada	article number referencia
 DP-ZZ	PDS 4-ALU MICRO-ALU TAMI GIZA LIPOD GIP REGULOR ZWK TRIADA SEPOD	DP fasteners without a mounting bracket with external supply of power Soporte DP sin grapa de montaje, electrificado externamente	12 V	00651
			24 V	
 DP-ZZ-PDS-O	PDS-O		12 V	00655
			24 V	



the cable connecting the LED strip with the arm is out-of-sight
El cable de conexión de la tira de LED con el brazo- varilla, queda oculto

EN Electricity conductive ZO fasteners are designed **for the suspension and support of the profiles, and also to provide power to the LED strip.** Fasteners are mounted directly to the profile with a countersunk screw. Internal electricity conductive fasteners are used for the transfer of power voltage of 12 and 24 V. One side of the LED is powered by one fastener. In this case, electricity from one side of the LED flows along one arm.

ES Soporte electrificado ZO, **diseñado para la suspensión, fijación de perfiles y alimentación de la tira de LED.** Soporte montado directamente sobre perfil mediante tornillo avellanado. Electrificado internamente para alimentar a 12 y 24V. El led es alimentado por uno de los soportes, en este caso por uno de los brazos o varilla.

fastener soporte	for the profile para perfil	description descripción	input voltage tensión de entrada	article number referencia
 DP-ZO	PDS 4-ALU MICRO-ALU TAMI GIZA LIPOD GIP REGULOR ZWK TRIADA SEPOD	DP fasteners without a mounting bracket with internal supply of power Soporte DP sin grapa de montaje, electrificado internamente	12 V	00649
			24 V	
 DP-ZO-PDS-O	PDS-O		12 V	00650
			24 V	

Assembly remarks / Indicaciones de montaje

- EN Fasteners without a mounting bracket require suitable holes for the fitting of the screw. Their position should be accurately calculated beforehand; they depend on the length of the LED strip modules. LED strips for the profiles with such fasteners should be mounted to the extrusion after the mounting screws have been screwed in. Fasteners with a mounting bracket do not need to have the holes drilled in the profile and their position on the profile is free. While applying these fasteners, the LED strip can be fixed within the profile at any time.
- ES El soporte de suspensión sin grapa, requiere la realización de unos orificios en el perfil para su colocación. La posición de éstos, deberá ser calculada con precisión de antemano, dependiendo de la longitud de los módulos de la tira de LED. La colocación de los LEDs, deberá fijarse una vez se hallan realizado los orificios y atornillados los soportes de suspensión. Para el soporte con grapa, no es necesario que el perfil esté perforado, pudiendo colocarse libremente sobre el mismo. La colocación del LED en el interior del perfil, puede realizarse en cualquier momento.



soldered connection of the cable and the fastener connector

soporte DP-ZZ para soldar cable de conexión en arandela de cobre externa



example of the connection of one of the LED strip poles with the use of a ZO fastener

ejemplo de conexión de uno de los polos de la tira de LED, con el soporte de suspensión electrificado internamente DP-ZO

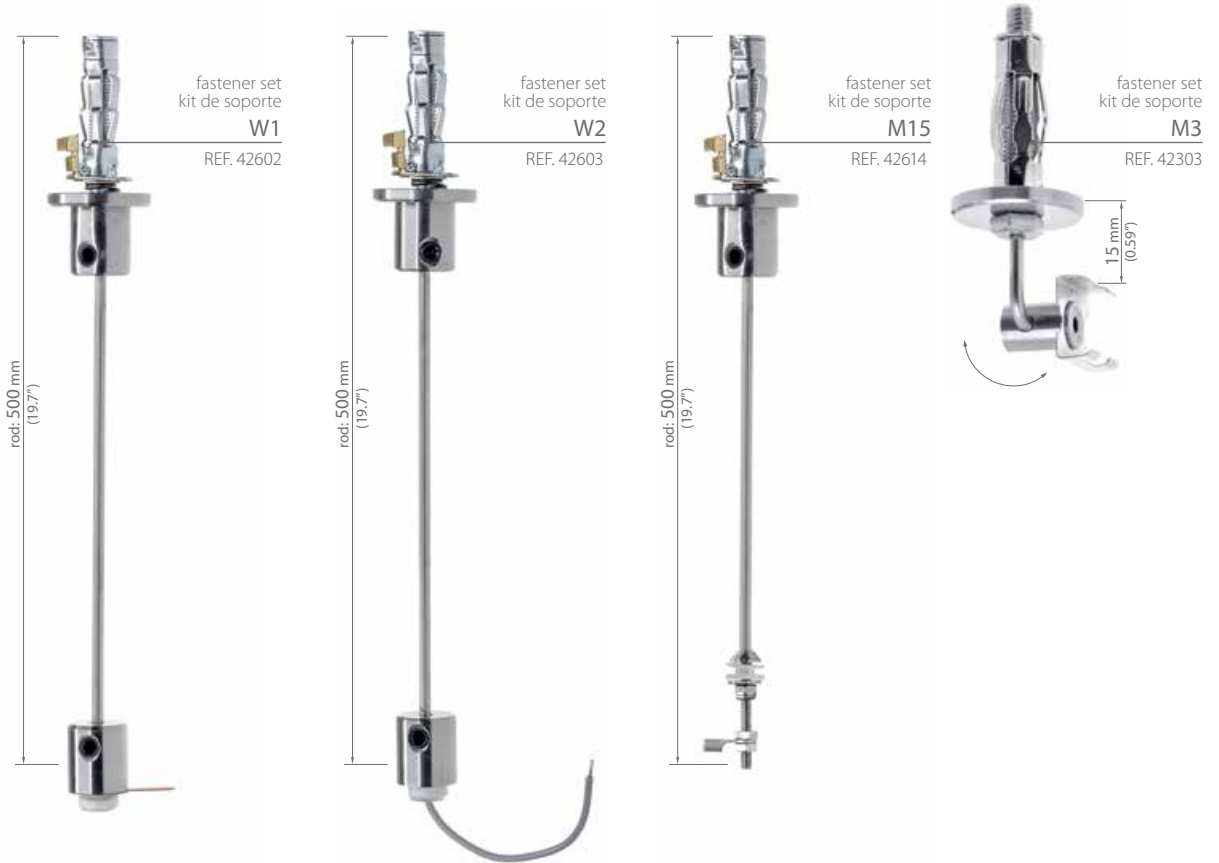


example of connecting fixtures and suspending them with the use of a DP-MOC fastener

ejemplo de conexión en luminarias suspendidas con el soporte DP-MOC con grapa

The mounting bracket of the fastener supports both fixtures; the cover runs across the connection, uniting them. This allows you to connect fixtures in long and unbroken lines of light.

El montaje de soportes con grapas permite la unión de varios perfiles, consiguiendo largas tiradas.



fastener set kit de soporte	head cabezal	input voltage tensión de entrada	surface type tipo de superficie	for profile para perfiles	article number referencia
W1	Head mounted directly to the profile. Cabezal montado directamente sobre el perfil.	external externo		PDS 4-ALU, MICRO-ALU, REGULOR ZWK, GIP, TRIADA, TAMI	42602
W2	Head mounted directly to the profile. Cabezal montado directamente sobre el perfil.	internal interno			42603
M15	-	-	drywall pladur	TESPO KPL.	42614
M3	Standard head with a mounting bracket. Cabezal estándar con grapa de montaje.	-		PDS 4-ALU, PDS-O, MICRO-ALU, REGULOR ZWK, TAMI	42303

accessories accesorios





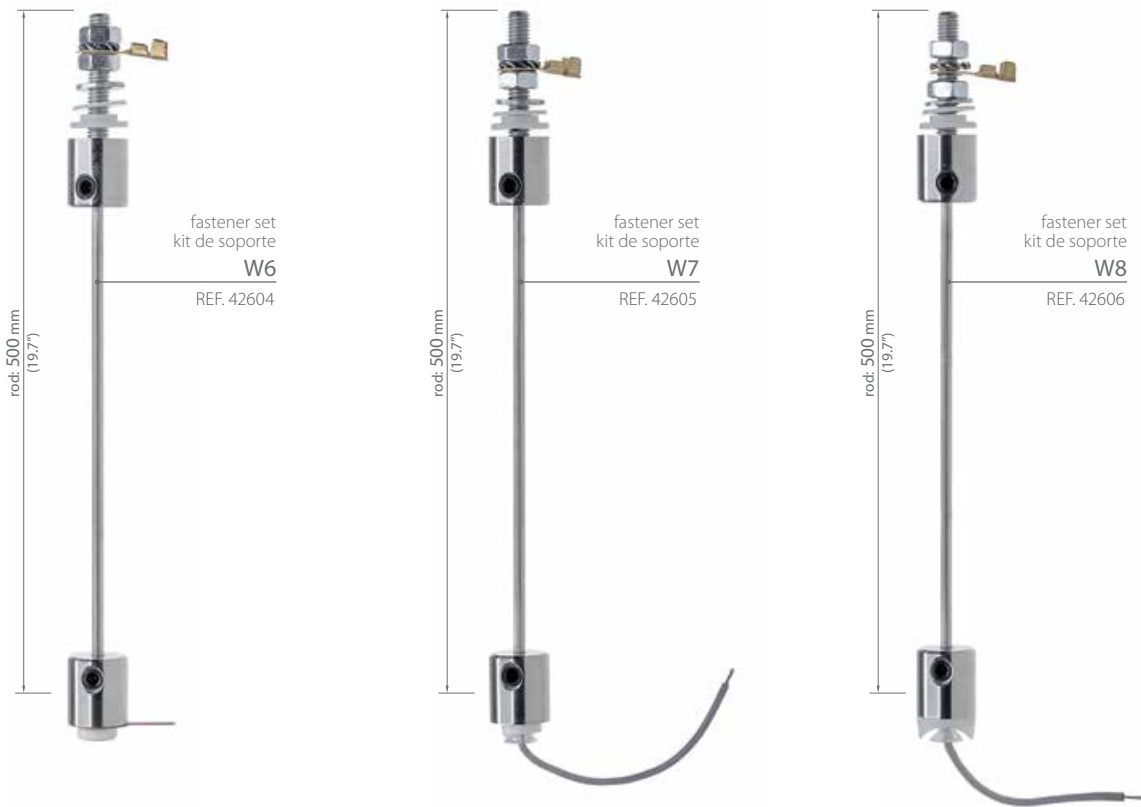
fastener set
 kit de soporte
M4
 REF. 42301



fastener set
 kit de soporte
M5
 REF. 42302

fastener set kit de soporte	head cabezal	surface type tipo de superficie	for profile para perfiles	article number referencia
M4	Standard head with a mounting bracket. Cabezal estándar con grapa de montaje.	wall, stone, concrete pared, piedra, hormigón	PDS 4-ALU, PDS-O, MICRO-ALU, REGULOR ZWK, TAMI, TAN-C5	42301
M5				42302

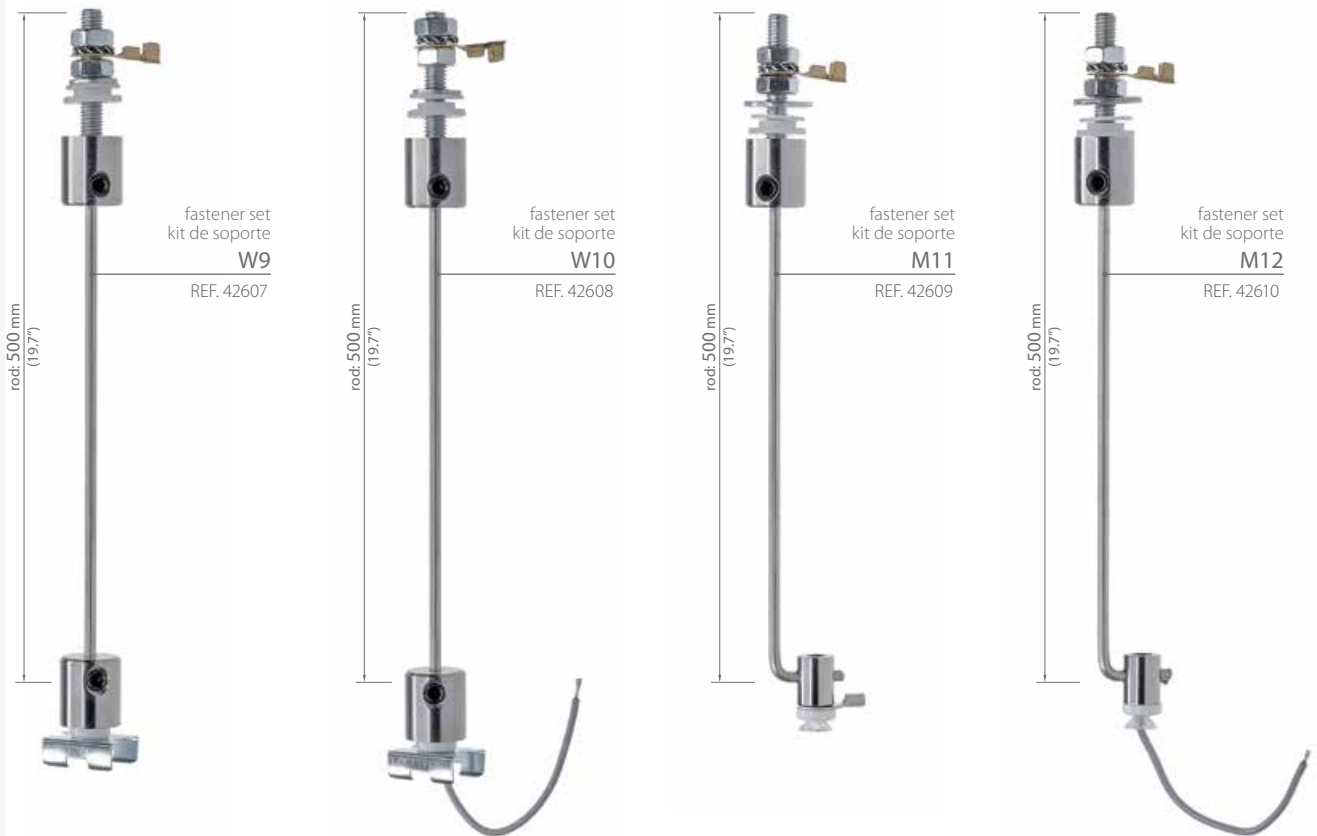




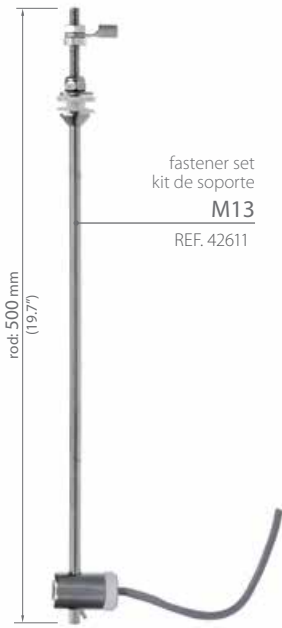
fastener set kit de soporte	head cabezal	input voltage tensión de entrada	surface type tipo de superficie	for profile para perfiles	article number referencia
W6	Head mounted directly to the profile. Cabezal montado directamente en el perfil.	external externo	wood panels, MDF, sheet metal, glass	PDS 4-ALU, MICRO-ALU, REGULOR ZWK, GIP, TRIADA, TAMI, TAN-C5	42604
W7		internal interno			Para placas de madera, acero, MDF, vidrio
W8		internal interno		PDS-O	42606

accessories accesorios

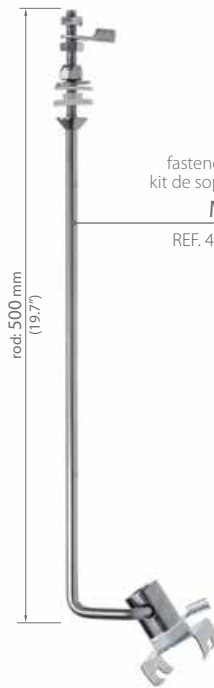




fastener set kit de soporte	head cabezal	input voltage tensión de entrada	surface type tipo de superficie	for profile para perfiles	article number referencia
W9	Standard head with a mounting bracket. Cabezal estándar con grapa de montaje.	-	wood panels, MDF, sheet metal, glass paneles de madera, MDF, metal, cristal	PDS 4-ALU, PDS-O, MICRO-ALU, REGULOR ZWK, TAMI, TAN-C5	42607
W10		internal interno			42608
M11	Head mounted directly to the profile. Cabezales para montaje directamente sobre el perfil.	external externo	wood panels, MDF, sheet metal, glass paneles de madera, MDF, metal, cristal	PDS 4-ALU, MICRO-ALU, REGULOR ZWK, GIP, TRIADA, TAMI, TAN-C5	42609
M12		internal interno			42610



fastener set
 kit de soporte
M13
 REF. 42611



fastener set
 kit de soporte
M14
 REF. 42612

fastener set kit de soporte	head cabezal	input voltage tensión de entrada	surface type tipo de superficie	for profile para perfiles	article number referencia
M13	Head mounted directly to the profile. Cabezal de montaje directamente al perfil	internal interno	wood panels, MDF, sheet metal, glass paneles de madera, MDF, acero, vidrio	PDS 4-ALU, MICRO-ALU, REGULOR ZWK, GIP, TRIADA, TAMI, TAN-C5	42611
M14	Standard head with a mounting bracket. Cabezal estándar con grapa de montaje	external externo		PDS 4-ALU, PDS-O, MICRO-ALU, REGULOR ZWK, TAMI, TAN-C5	42612

accessories accesorios



fastener set
 kit de soporte
M14

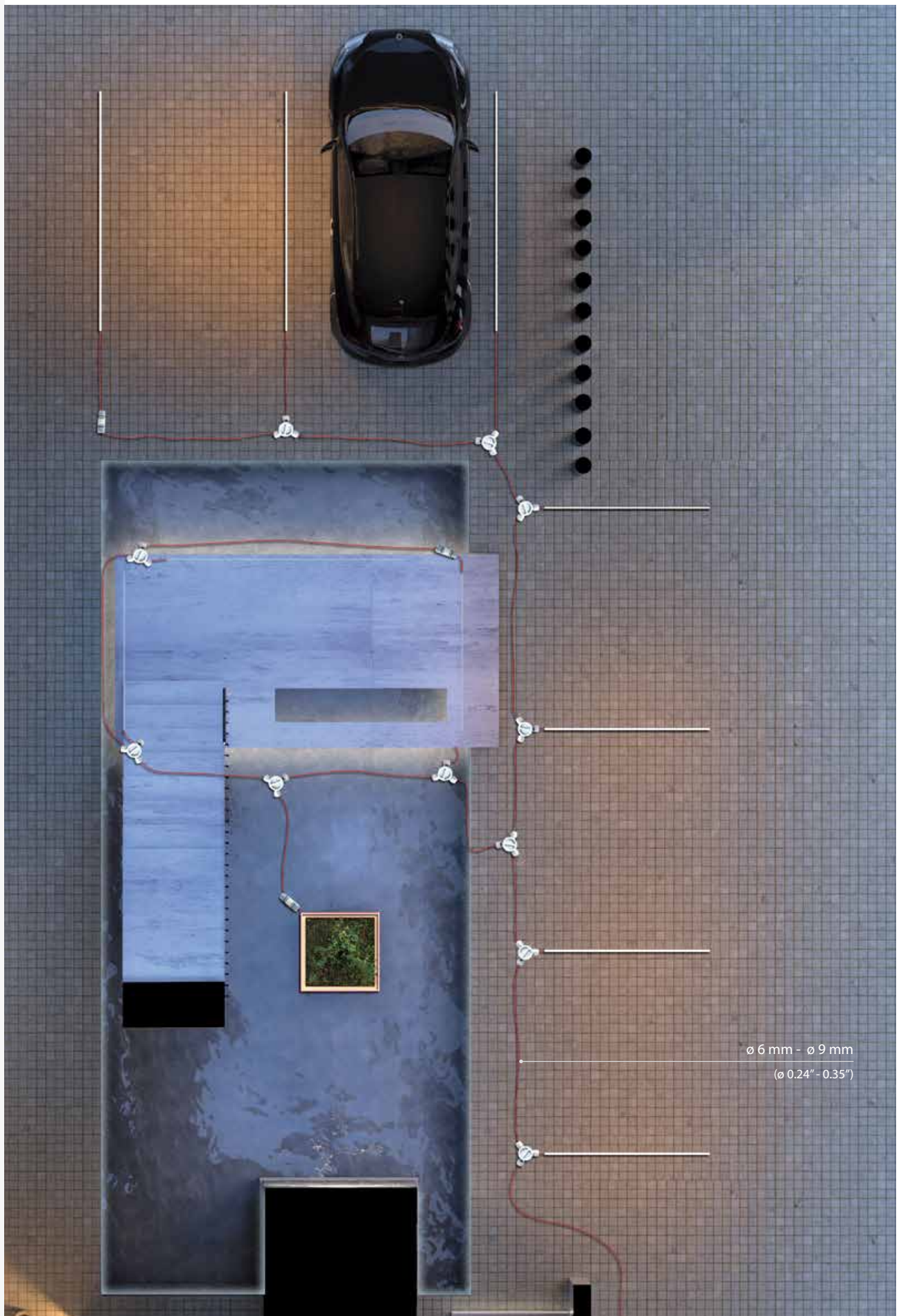






accesorios
 accessories

Waterproof coupler Empalme estanco	description descripción	article number referencia
	KLUŠ hermetic couplers are designed for easy connecting and branching of two power cables (ø 6 mm - 9 mm), giving the connections a waterproof rating. Empalme estanco KLUŠ, diseñado para una fácil conexión entre dos cables (ø 6 mm - 9 mm) para suministrar energía a dispositivos de iluminación, permitiendo alcanzar un grado de protección IP67.	42702
	KLUŠ hermetic boxes are designed for easy connecting and branching of three power cables (ø 6 mm - 9 mm), giving the connections a waterproof rating. Caja estanca KLUŠ, diseñada para una fácil conexión entre tres cables (ø 6 mm - 9 mm), para suministrar energía a dispositivos de iluminación, permitiendo alcanzar un grado de protección IP67.	42703



Assembly remarks / Indicaciones de montaje

EN Installation, using the waterproof splitters or couplers and suitable cables, can be performed in the ground, lawn, under walkways, etc.
Waterproof level of splitters and couplers is ensured by their special design. You can further secure the cable connections from moisture by filling the splitters or couplers with silicone paste after the cables have been assembled.

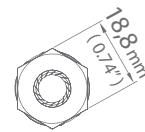
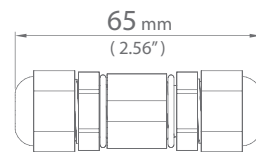
Making connections and branching of cables in KLUŠ hermetic boxes does not require any special tools.

Waterproof splitters and couplers are designed for two-wire cables with insulation of outer diameters from 6 mm to 9 mm. If the above are applied, you can lead power cables with voltage 12V and 24V.

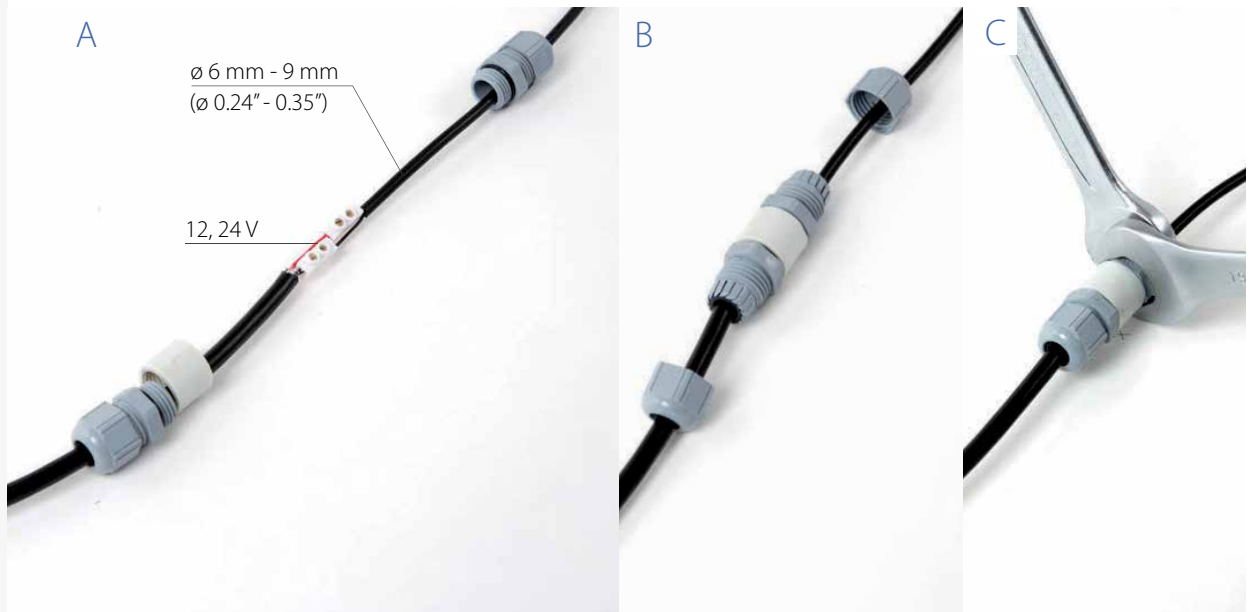
ES El uso del empalme y caja estancos KLUS, puede llevarse a cabo en suelos; cesped, calzadas, adoquines...

Su diseño está pensado para ser estanco, y para aumentar su grado de protección, una vez hecha la instalación se puede sellar con silicona. No se requiere de herramienta especial para su montaje e instalación.

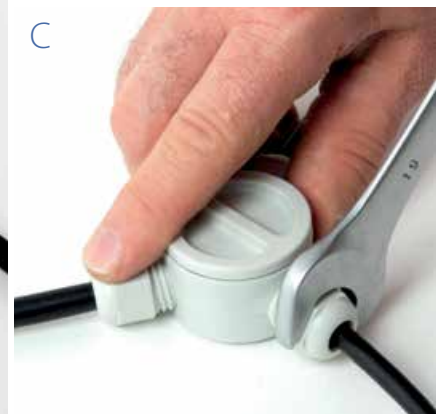
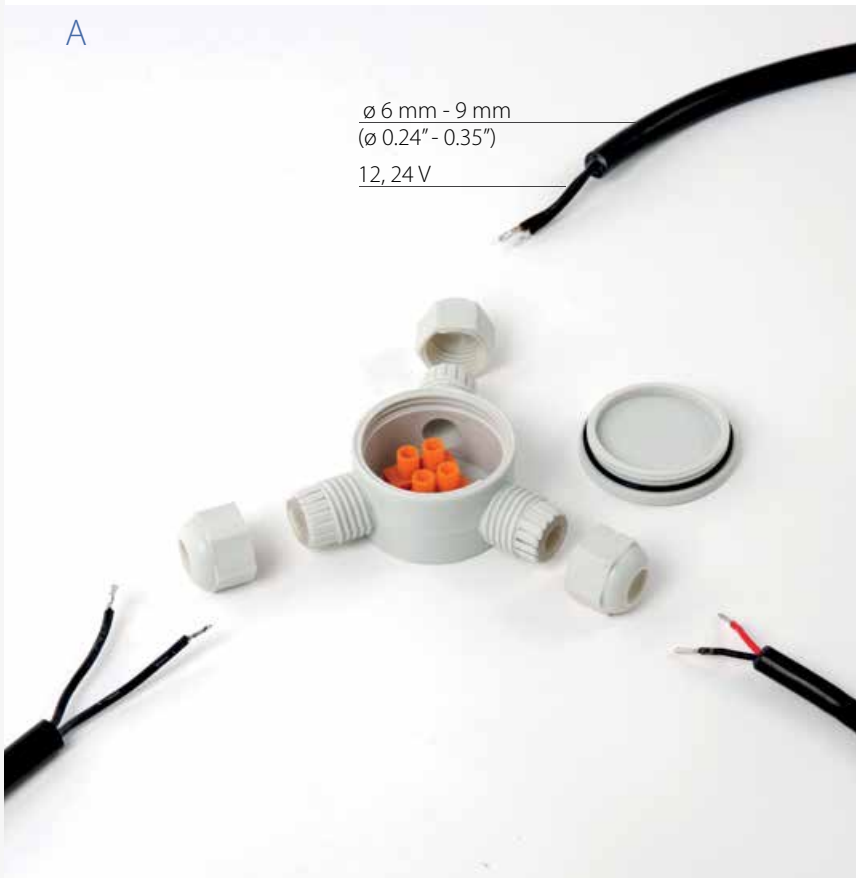
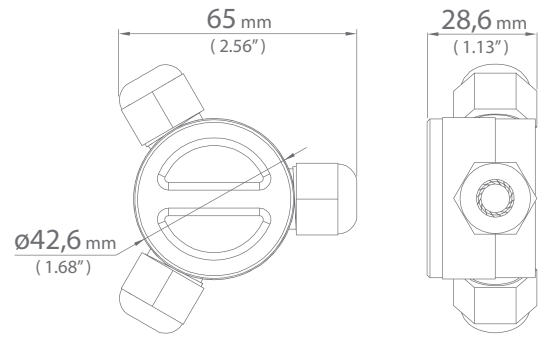
La sección de los cables debe ser de 6 mm a 9 mm. Para aplicaciones a 12V y 24V.



accessories accesorios



Assembly notes / Indicaciones de montaje





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Light is such a common element in our life that we do not notice it until it disappears. Everyday we are exposed to all types of sources of light. LEDs have become a relatively new source that has been added to the list.

Diodes have been introduced to the market since the expansion of modern electronic devices. LED became more and more popular and nowadays are considered to be an important source of light for other industries. LEDs function as a lighting or illumination source. They are very energy efficient. For example we offer diodes that use as little as 0.08 W for each lighting point. Therefore, purchase of LED pays for itself within a very short period of time. Other advantages are their long lifespan and small dimensions.

LED's features distinguish them from other sources of light. We were surprised that they were not used or implemented earlier in a wide range of other industrial applications besides electronics. Commonly used old sources of light are equipped with light fixtures. As a result they can be used in any desired areas. LEDs did not have an easy and universal fixture system that made it difficult to apply this source of lighting anywhere else but electronic devices.

KLUS Company team developed and manufactured since 2006 new LED light fixture systems profiles. The new system will facilitate and popularize a number of applications that require compact lighting solutions. LED profiles are designed to be mounted indoors and outdoors.

Indoor applications: interior design, architecture, furniture, scenography, advertisement, industrial design, exhibits (shop displays, museum exhibits) etc.

Outdoor applications: different types of pavements, sidewalk surfaces, communication routes, bike lanes, driveways, parking lots, construction, landscape architecture (gardens, road line marking, swimming pools, building facades) etc.

La luz es un elemento tan común en nuestro entorno que nos damos cuenta de ella, sólo cuando de repente desaparece. Todos los días inconscientemente convivimos con diferentes fuentes de luz, entre ellas los LEDs.

Estos elementos de iluminación, funcionan en nuestras vidas desde el momento de la expansión en el mercado moderno de los equipos electrónicos. Cada vez se han hecho más y más populares, siendo hoy en día considerados una importante fuente de luz. Los LEDs son la tecnología del futuro para su uso en iluminación y retroiluminación. La sostenibilidad del LED, no sólo se considera por su bajo consumo de energía, sino por la reducción de residuos, el reciclado, el uso de ciertos materiales y recursos y el efecto sobre la construcción. Ofrecemos diodos que consumen únicamente 0.08W por cada punto de luz. Por lo tanto, el coste de la compra de los LEDs, se amortiza en un período muy corto de tiempo. Otras ventajas, son su larga vida útil y su reducido tamaño.

Hasta ahora los LEDs no disponían de un sistema de colocación, pero ahora con la existencia de la perfilera, resulta una solución muy cómoda y universal.

En 2006, la compañía KLUŠ, desarrolló e implantó un sistema de producción de perfiles, con diversidad de diseños, para instalación de LEDs. Este proyecto sin duda, hace más fáciles las aplicaciones que requieren soluciones de iluminación compactas. Los perfiles para LEDs, están diseñados para su uso tanto en interior como en exterior.

Los perfiles fabricados en MDF están indicados para su uso en interior (escaparates de tiendas, museos, ferias, etc...)

Los perfiles de aluminio, además de su utilización en interior, están diseñados para su uso en exterior (jardines, señalización vial, carriles para bicicletas, piscinas, construcción de fachadas, etc...)

KLUŠ Inspiring Solutions

www.KlusDesign.com
KLUS, LLC
2501 27th Ave, Suite F-10
Vero Beach, FL 32960
USA

ENERIMPORT
www.enerimport.com
Pol.Berezao, 16-B
20560 Oñati - Gipuzkoa
SPAIN

Watch our videos
on YouTube channel 

Sales Department:
(Tel.) 772 321 2260
(Tel.) 772 569 6655
sophia@klusdesign.com

Sales Department:
T-F: +34 943 716 758
Mv: +34 655 73 43 11
enerimport@enerimport.com

