



ORGANIC
LIGHTING
**PRO
FILES**

Culture of light...

Individuality, uniqueness, innovation...

These three principles guided the process of creating the new 2019 collection. We believe that the one-of-a-kind design and breaking with stereotypes will allow one to face the mundane tasks and root out the monotony of beaten tracks.

At things lit up, we look from darkness – that is why our solutions bring the comfort of no flashiness and theatrical illumination.

New, minimalistic forms await the brave and open minds finding the essence in breaking up the standards of experience with light.

We hope to meet interesting people on our path. Enjoy your reading!

Organic Team

*www.organiclighting.eu
info@organiclighting.eu*

ceiling build-on
C

suspended
S

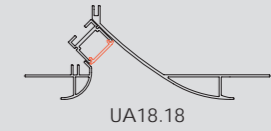
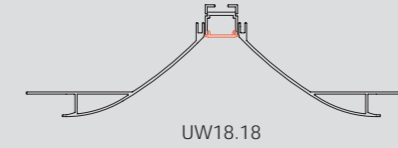
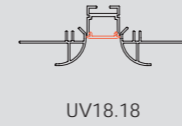
recessed frame
F

recessed trimless
T

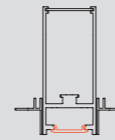
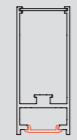
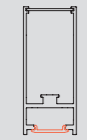
recessed shallow
V

recessed deep
W

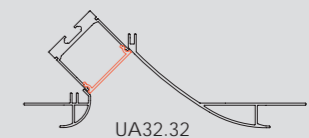
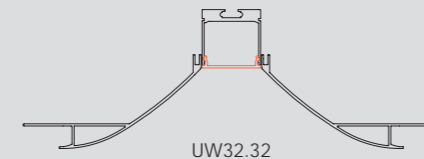
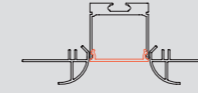
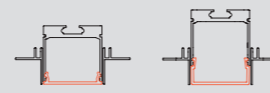
recessed asymmetric
A



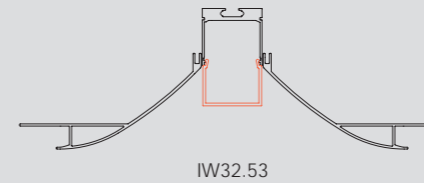
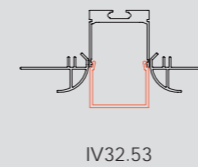
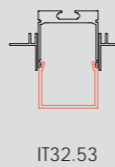
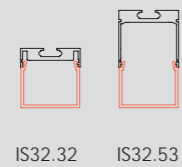
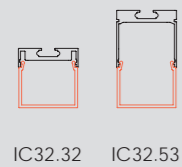
U18.18
U18.32



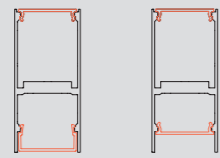
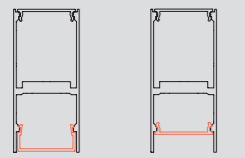
H27.63



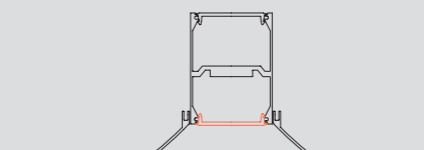
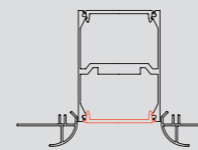
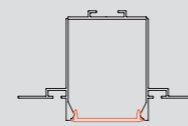
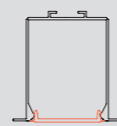
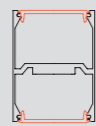
U32.32
U32.41



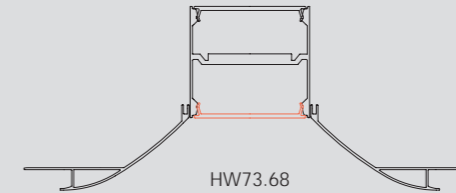
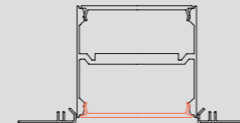
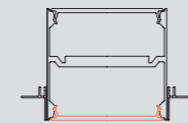
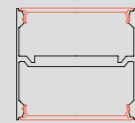
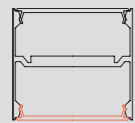
I32.32
I32.53



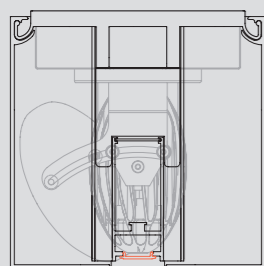
H36.80



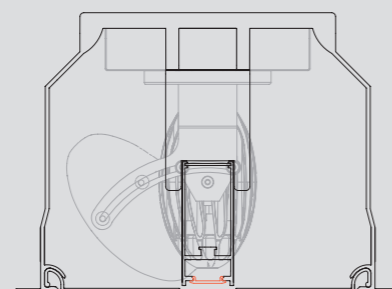
U50.68
H50.68



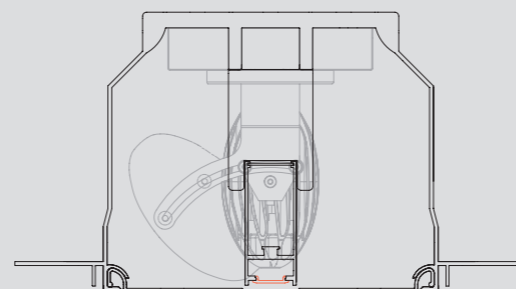
H73.68



GC27.130

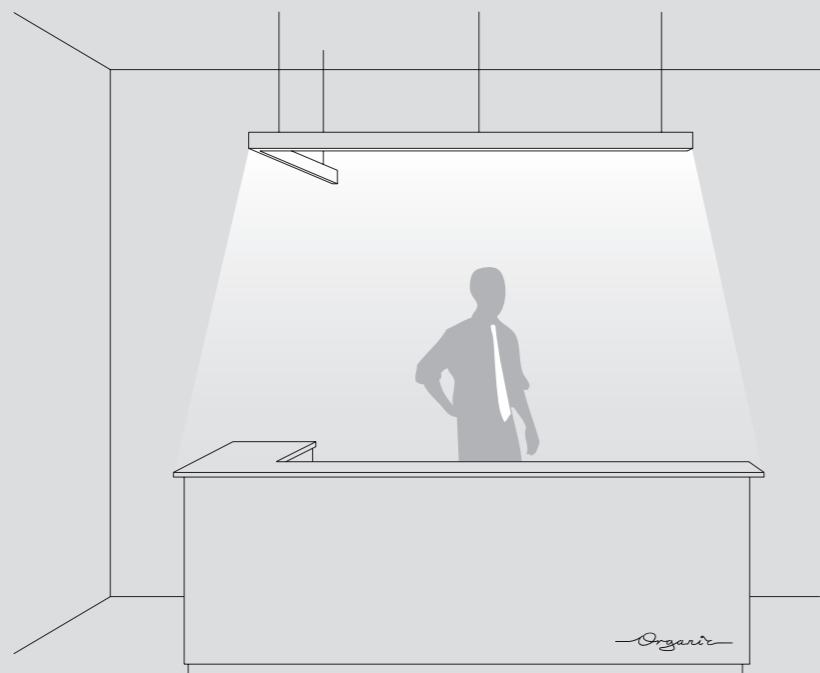


GF27.196

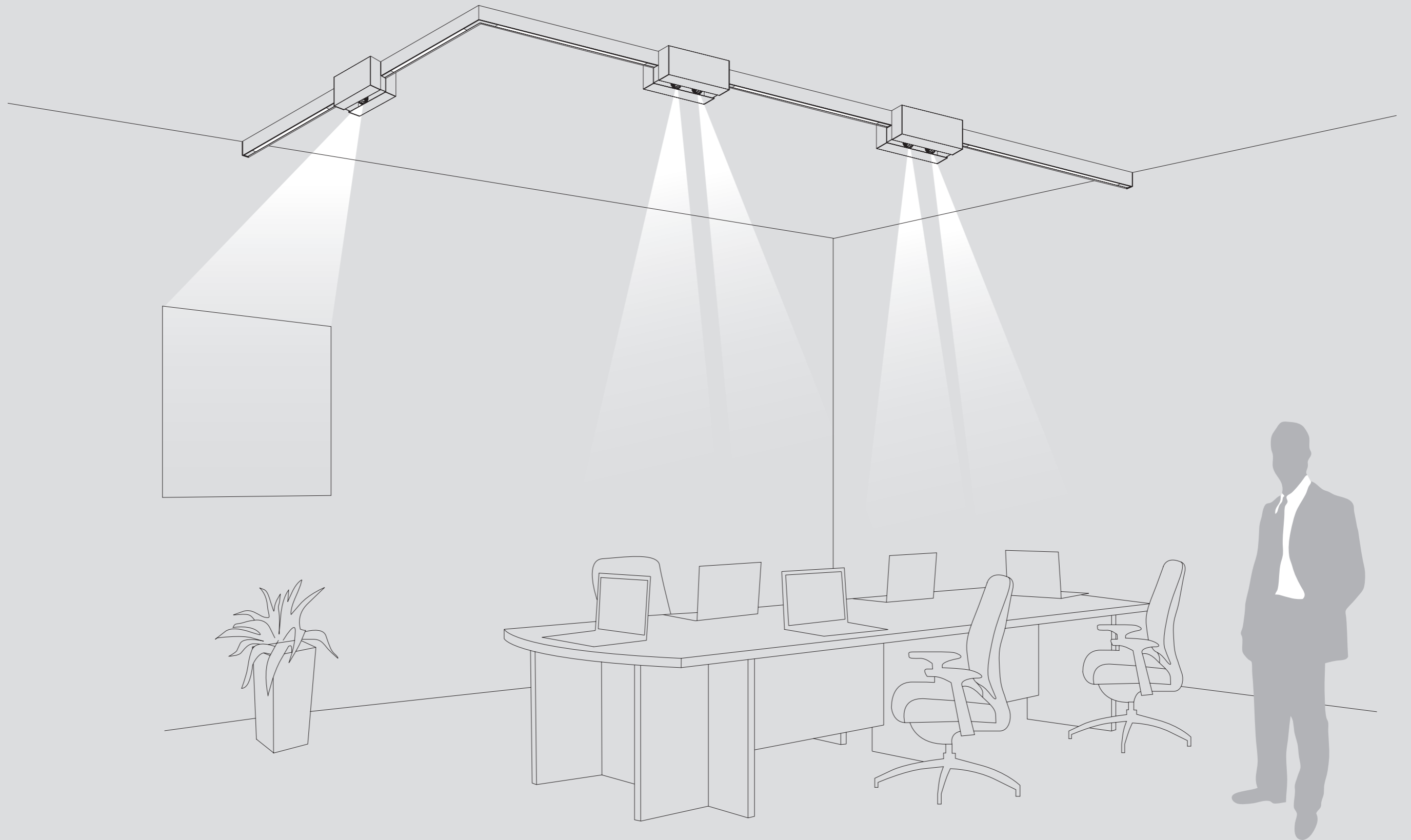


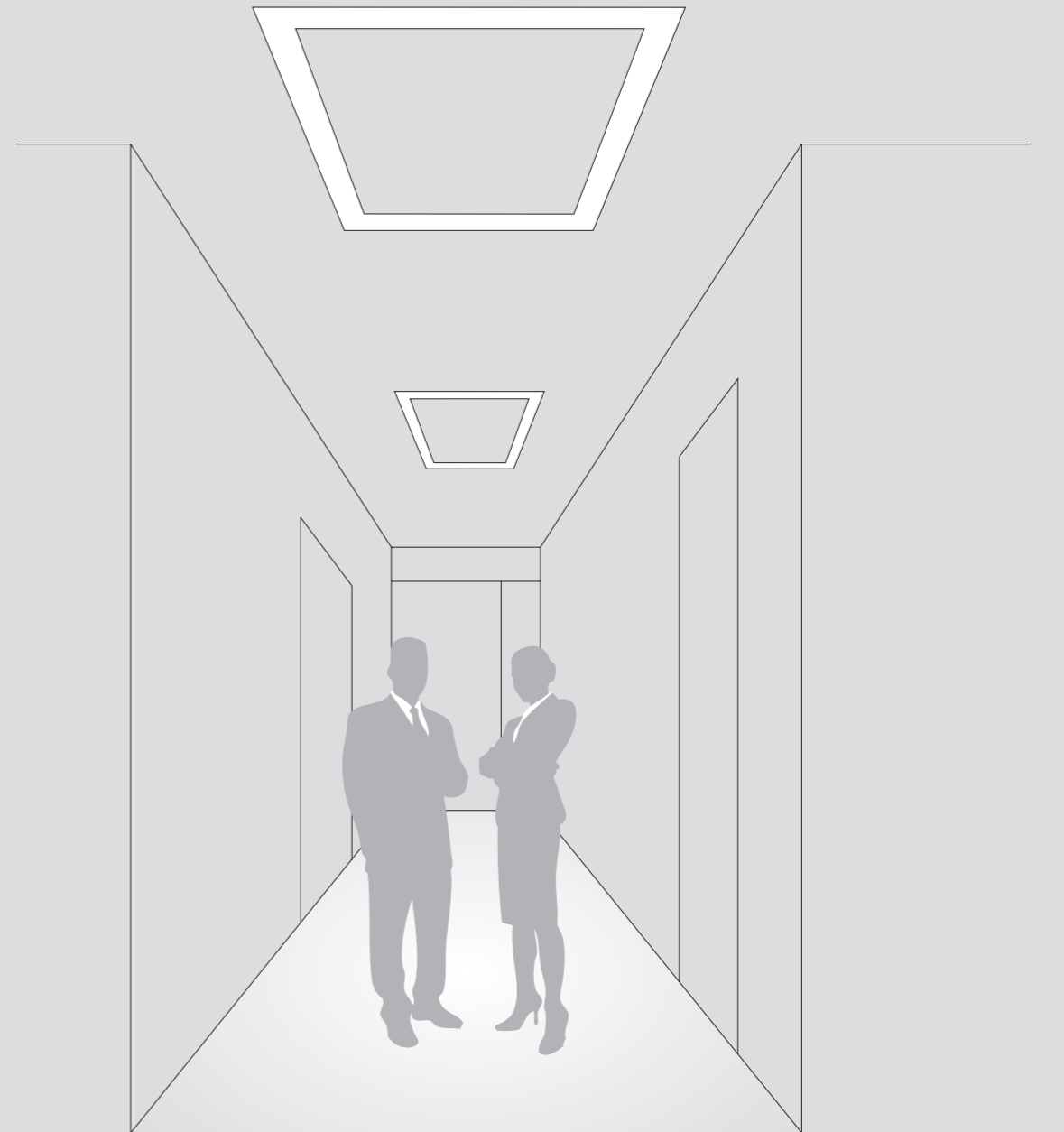
GT27.155

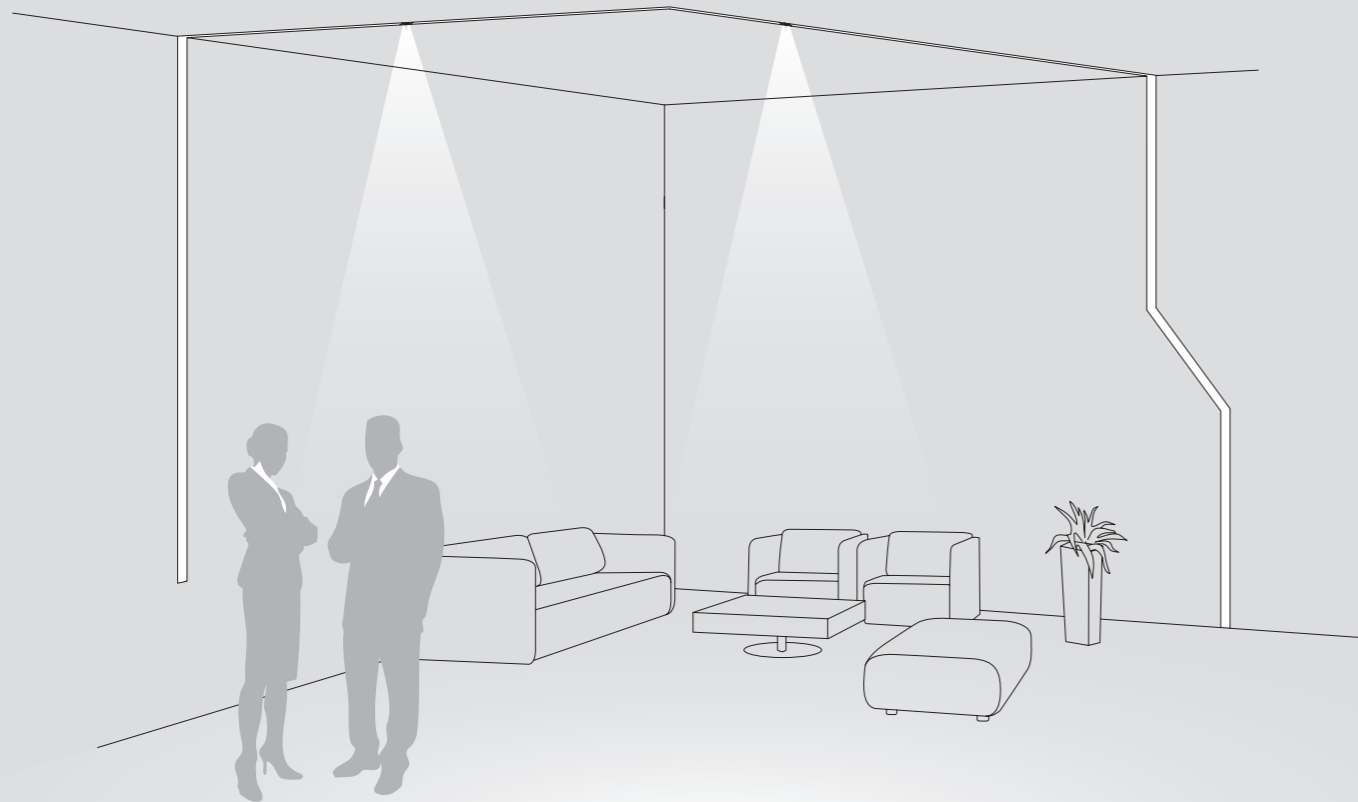
GRAPHIC27



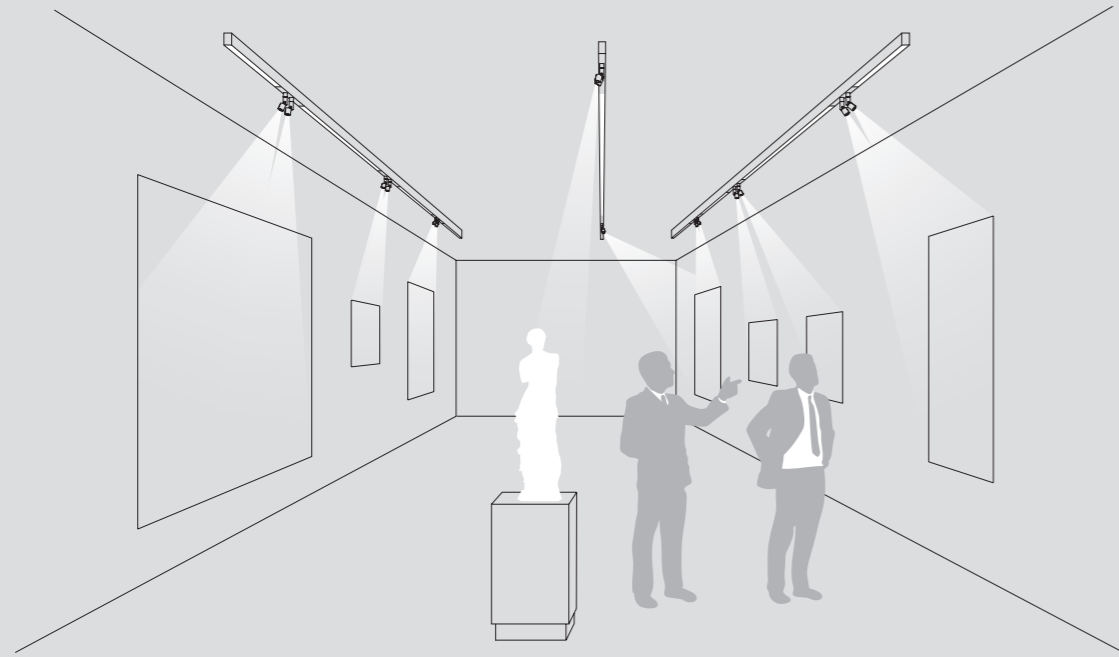


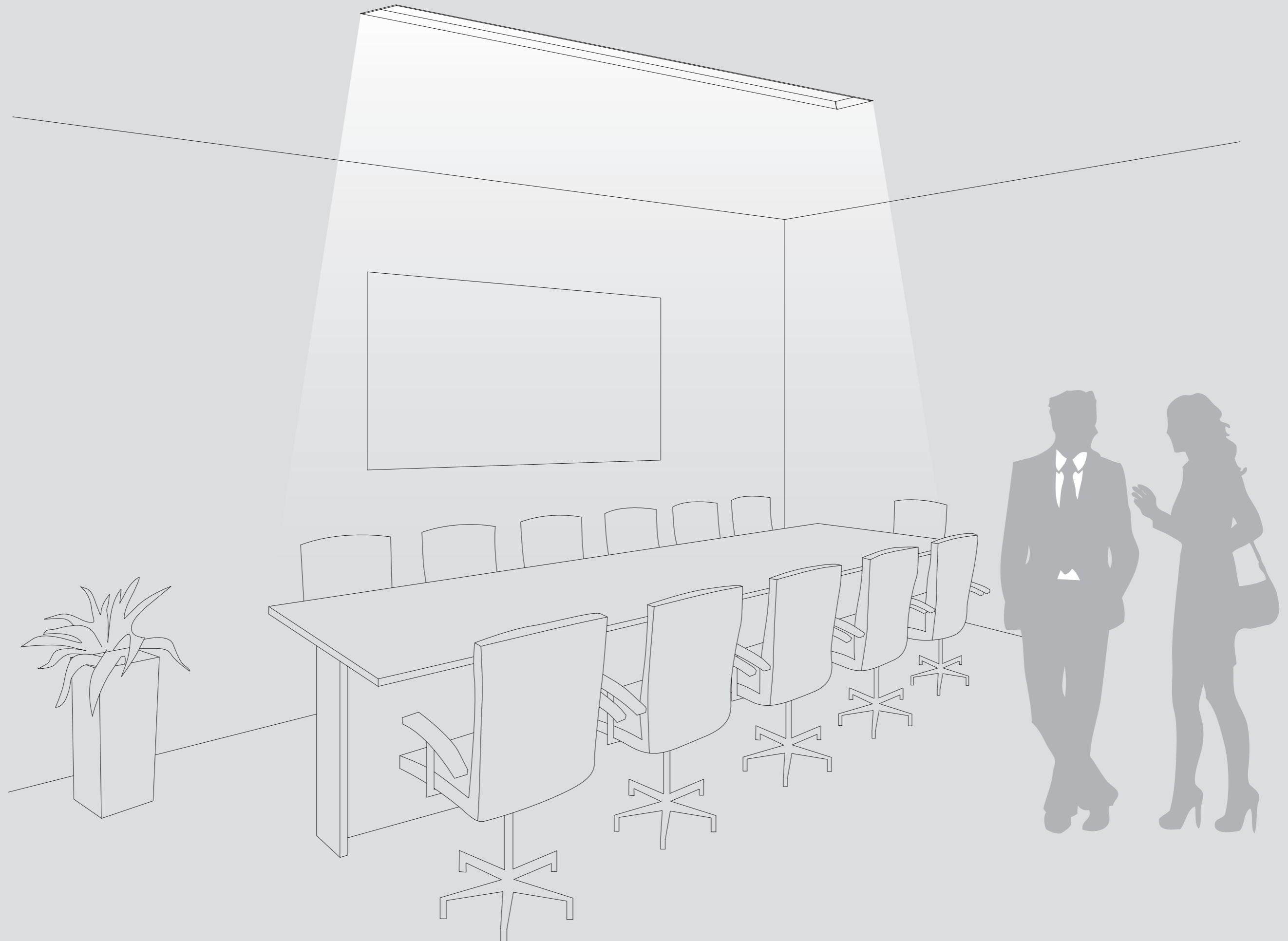


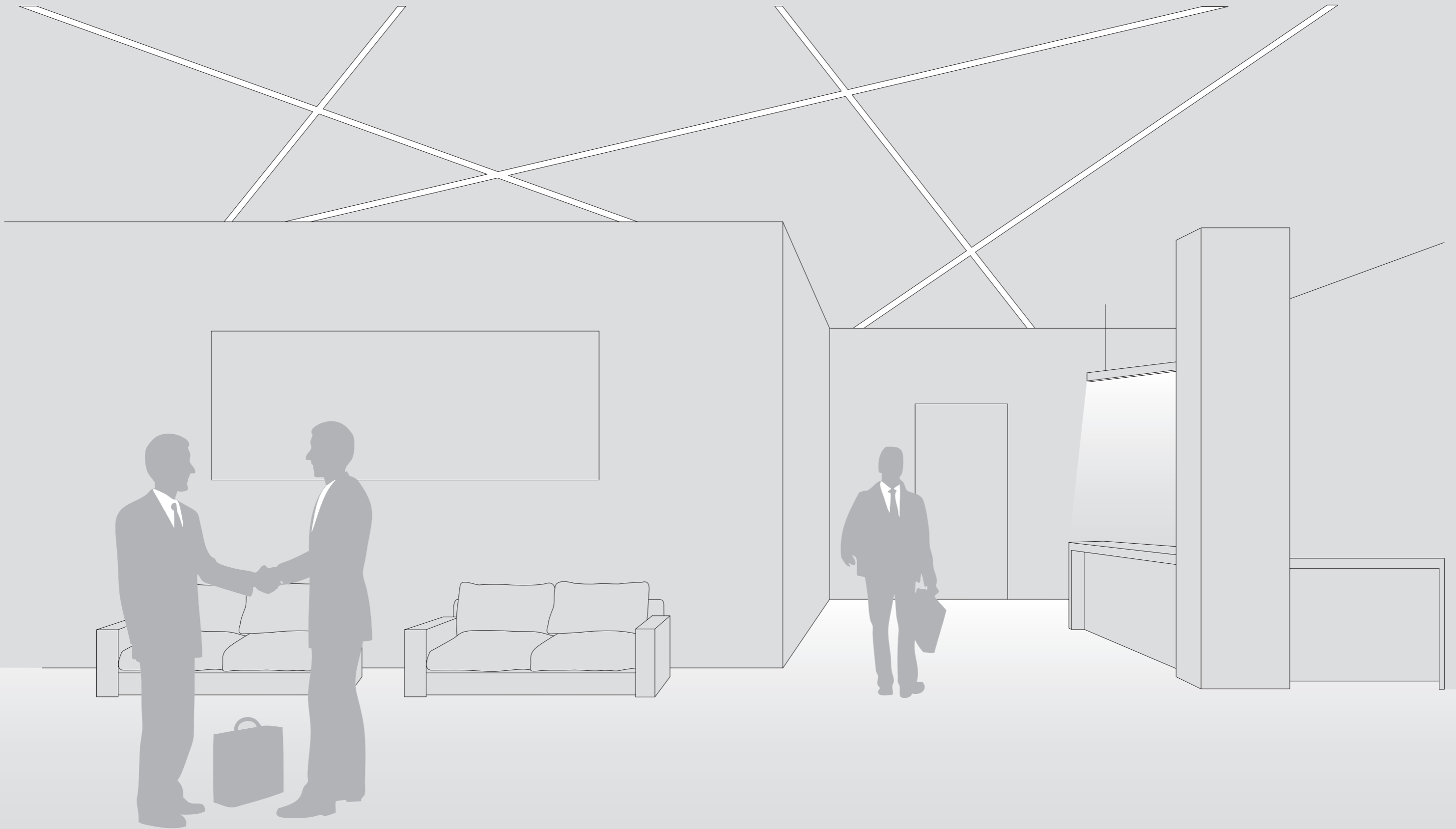














U18

Profiles System

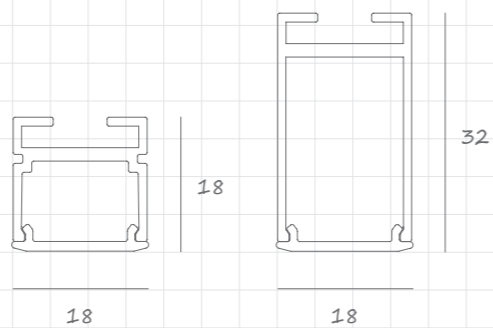


The smallest profile, available in all options. Enables the construction of long light lines, decorative effects and general lighting outlays. The profile ensures unique lighting homogeneity with invisible LED points.

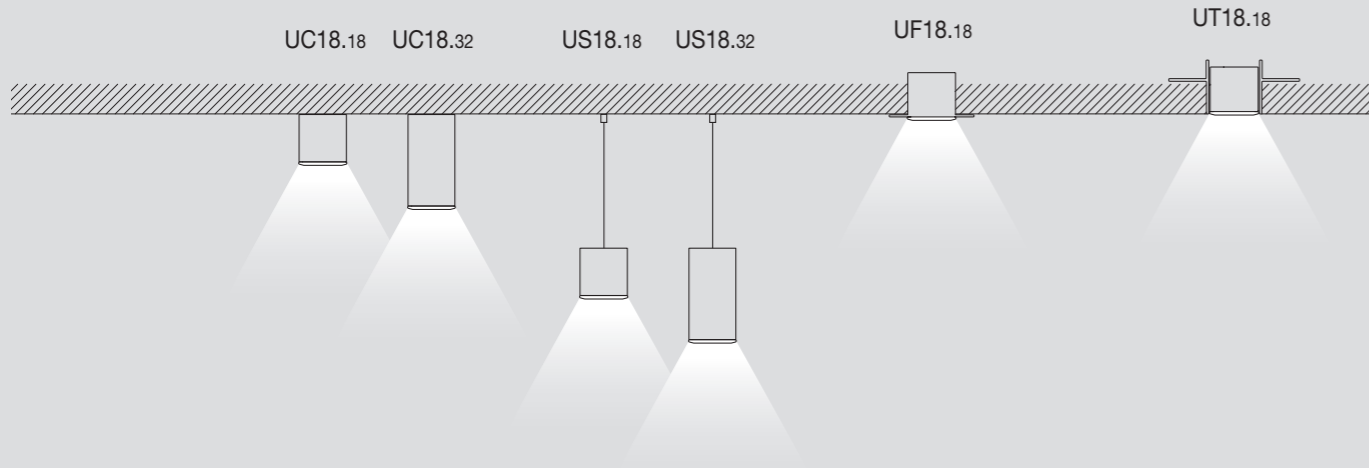
Das kleinste Profil, in allen Versionen verfügbar. Es ermöglicht lange Lichtlinien, Dekorationseffekte und Projekte der Allgemeinbeleuchtung zu bilden. Das Profil bietet eine einzigartige Homogenität der Beleuchtung mit unsichtbaren LED-Punkten.

Najmniejszy profil, dostępny we wszystkich wersjach. Umożliwia budowanie długich linii świetlnych, efektów dekoracyjnych i projektów oświetlenia ogólnego. Profil zapewnia unikatową homogeniczność świecenia przy niewidocznych punktach LED.

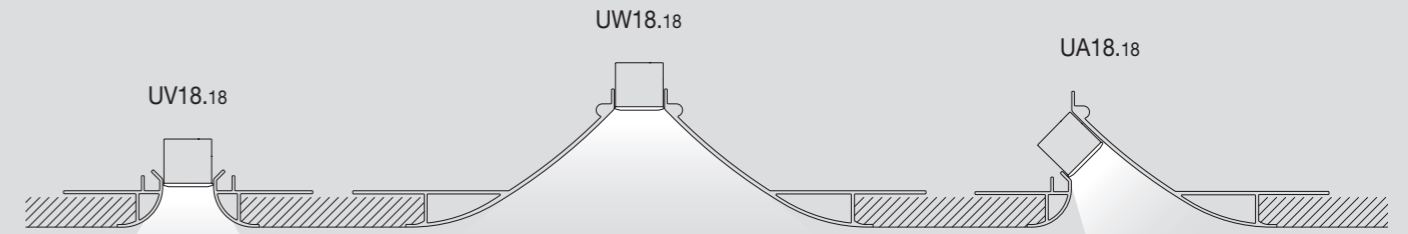
Scale 1:1



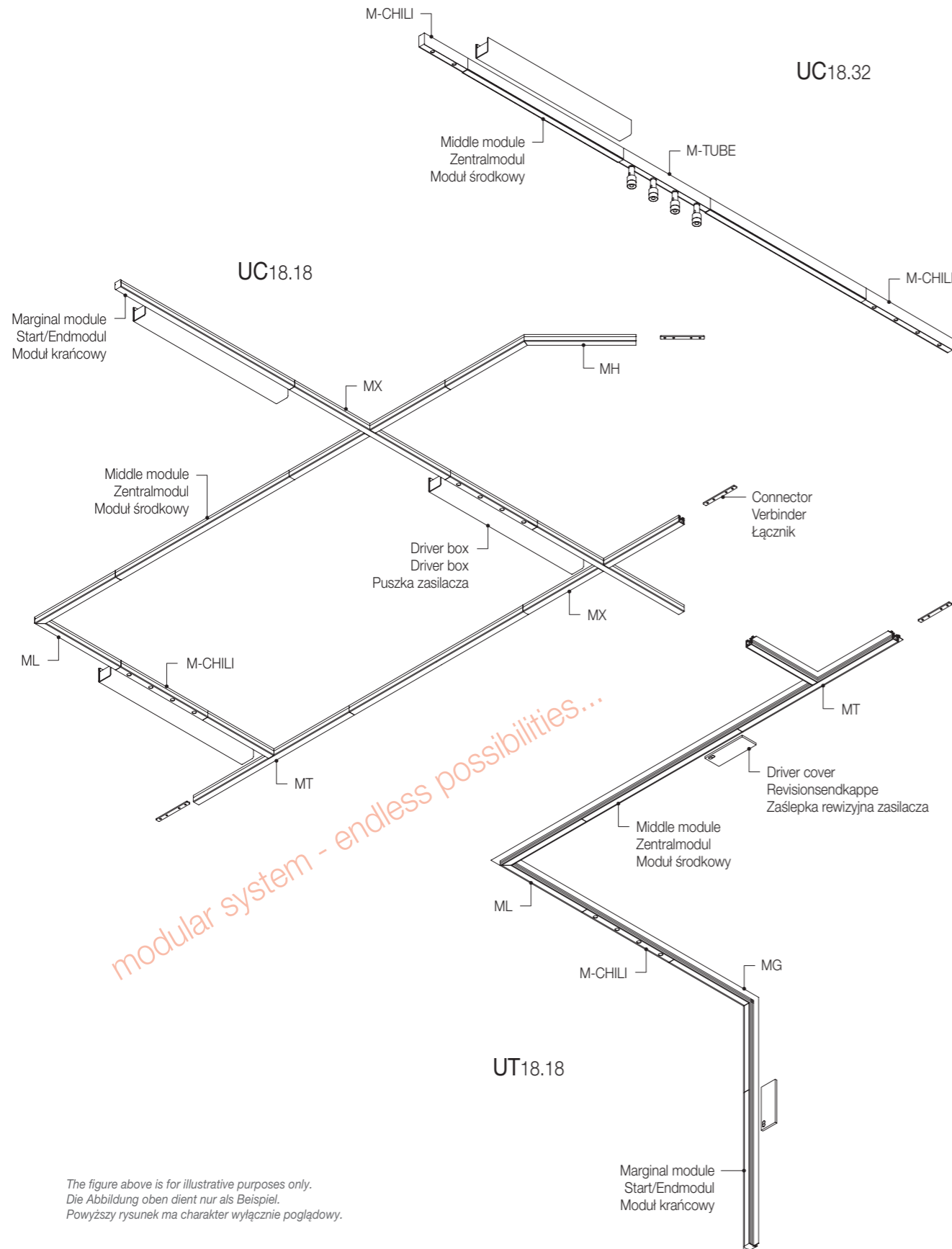
Cedrob Office, Poland, arch. Jerzy Heymer



Version	Ceiling Anbau Nabudowany page 32 36	Suspended Abgependelt Zwieszany page 42 48	Frame Einbau mit Rahmen Wbudowany z ramką page 52	Trimless Einbau Rahmenlos Wbudowany bezramkowy page 58
Type	linear M-Chili M-Tube (U18.32) connectors (U18.18)	linear M-Chili M-Tube (U18.32) connectors (U18.18)	linear M-Chili connectors	linear M-Chili connectors
Diffuser	satine microprism	satine microprism	satine microprism	satine microprism
Light output	LED CC HE LED CC HO	up to 1295 lm/m up to 2595 lm/m	up to 1295 lm/m up to 2595 lm/m	up to 1295 lm/m up to 2595 lm/m
	LED CV HE LED CV HO	up to 565 lm/m up to 1095 lm/m	up to 565 lm/m up to 1095 lm/m	up to 565 lm/m up to 1095 lm/m
	Power LED	up to 111 lm/pc.	up to 111 lm/pc.	up to 111 lm/pc.
Efficacy	LED CC LED CV Power LED	up to 121 lm/W up to 97 lm/W up to 101 lm/W	up to 121 lm/W up to 97 lm/W up to 101 lm/W	up to 121 lm/W up to 97 lm/W up to 101 lm/W
	CCT	3000K / 4000K	3000K / 4000K	3000K / 4000K
	CRI	≥80	≥80	≥80
Control	on/off, DALI, Corridor System	on/off, DALI, Corridor System	on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing	● ● ●	● ● ●	● ●	○

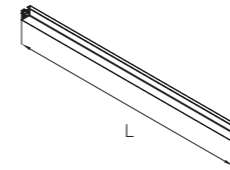


Version	Shallow Einbau flach zurückgesetzt Wbudowany płytko cofnięty page 64	Deep Einbau tief zurückgesetzt Wbudowany głęboko cofnięty page 68	Asymmetric Einbau asymmetrisch Wbudowany asymetryczny page 72
Type	linear M-Chili	linear M-Chili	linear
Diffuser	satine microprism	satine microprism	satine
Light output	up to 1125 lm/m up to 2250 lm/m	up to 950 lm/m up to 1900 lm/m	up to 775 lm/m up to 1555 lm/m
	up to 490 lm/m up to 950 lm/m	up to 415 lm/m up to 800 lm/m	up to 335 lm/m up to 655 lm/m
	up to 111 lm/pc.	up to 111 lm/pc.	
Efficacy	up to 104 lm/W up to 82 lm/W up to 101 lm/W	up to 88 lm/W up to 71 lm/W up to 101 lm/W	up to 72lm/W up to 58 lm/W
	CCT	3000K / 4000K	3000K / 4000K
	CRI	≥80	≥80
Control	on/off, DALI, Corridor System	on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing	○	○	○



The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

Linear modules

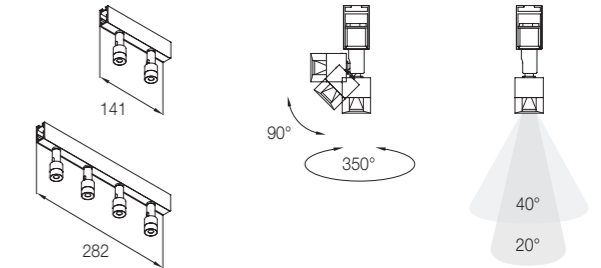


Available lengths:

- 1132mm - 2420mm (set)
- 566mm - 2338mm (marginal)
- 564mm - 2256mm (middle)

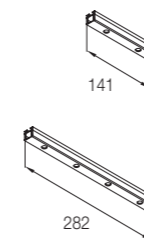
Customized lengths on demand.

M-TUBE modules*

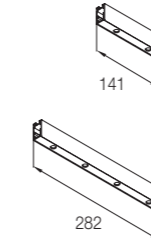


M-CHILI modules**

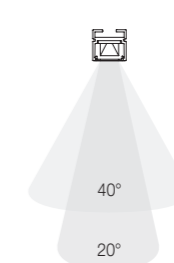
U18.18



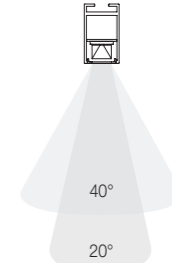
U18.32



U18.18

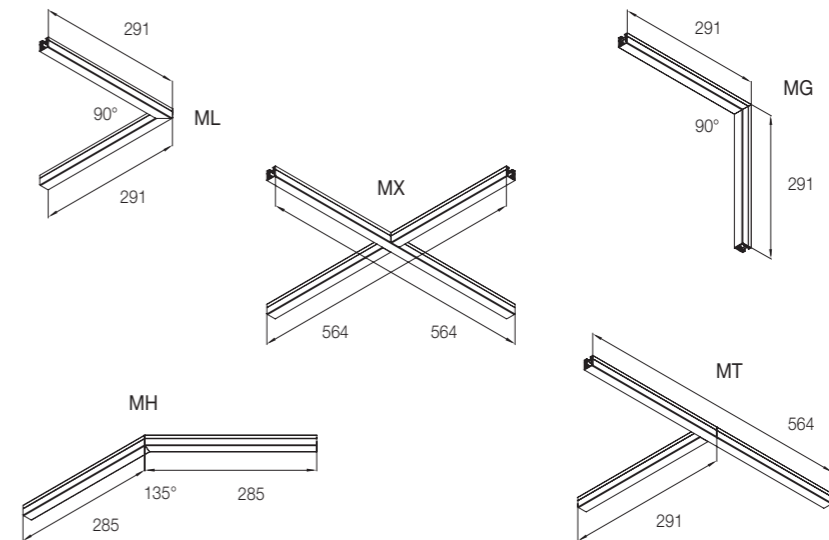


U18.32



Optics based on the micro lens technology.

Connectors modules***



* Available only for U18.32 series of profiles.

** Not available for UA version of profile.

*** Available only for U18.18 series of profiles in versions: C, S, F, T.

All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

* Erhältlich bei der Serie U18.32.

** Nicht erhältlich bei der UA Version.

*** Erhältlich nur bei der Serie U18.18 C, S, F, T.

Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

* Dostępne dla serii profili U18.32.

** Niedostępne dla wersji profili UA.

*** Dostępne dla serii profili U18.18 w wersjach: C, S, F, T.

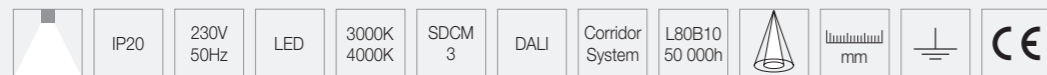
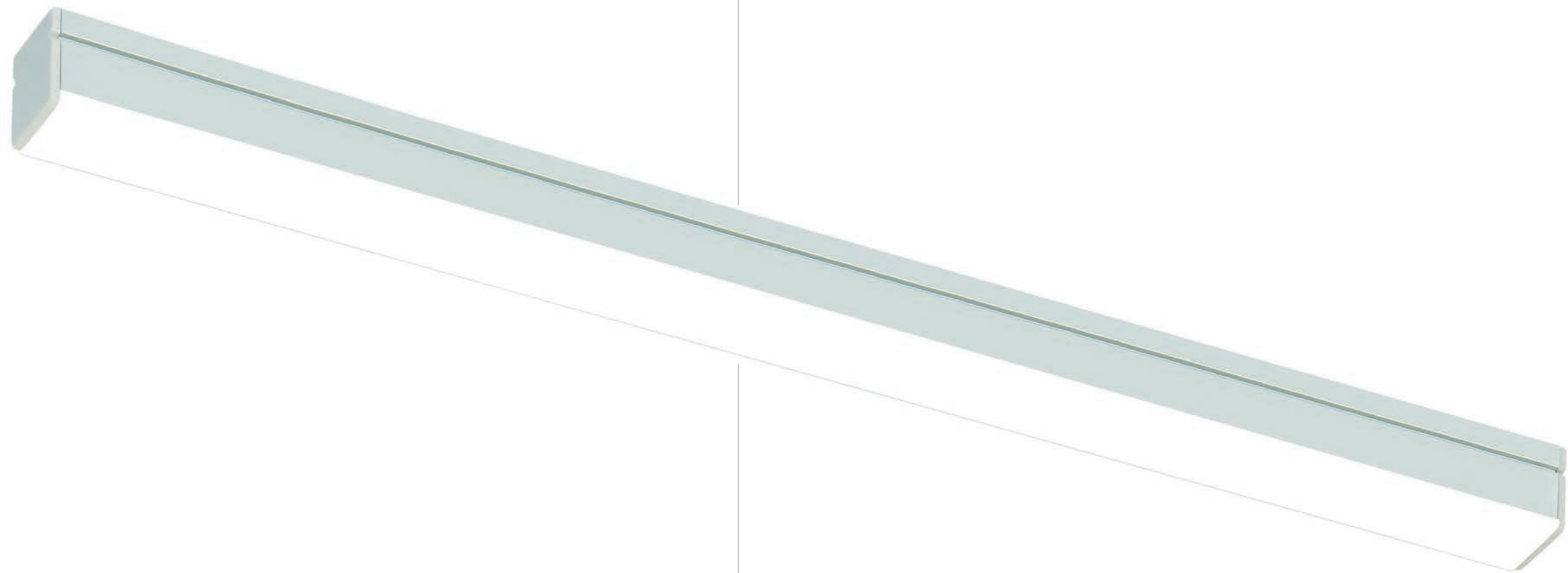
Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



Hala Koszyki, Poland, Medusa Group

UC18.18

Profiles System



Typology:
Surface mounted aluminium profiles with direct light.

Material and finishing:
Anodised or white/black painted aluminium.

Diffuser:
satine, mikroprisma.

Feeding:
Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:
Aufbauprofil direkt strahlend.

Material und Ausführung:
Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:
satine, mikroprisma.

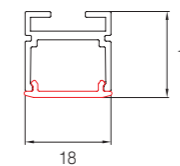
Einspeisung:
Vorschaltgerät und driver box – 230V/50Hz, I Schutzklasse. Profile – III Schutzklasse.

Typologia:
Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:
Aluminium anodowane lub malowane na kolor biały/czarny.

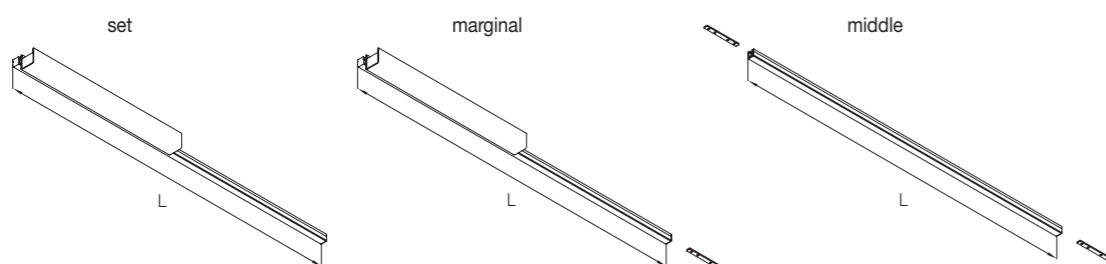
Dyfuzor:
satyna, mikropryzma.

Zasilanie:
Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6W	555 585lm	695 730lm	2 000b 4d1f 01/2ij
	—	848mm	846mm	9.1W	835 875lm	1045 1095lm	2 000b 4d1f 02/2ij
	1132mm	1130mm	1128mm	12.1W	1115 1170lm	1390 1465lm	2 000b 4d1f 03/2ij
	1696mm	1694mm	1692mm	18.1W	1670 1757lm	2085 2195lm	2 000b 4d1f 04/2ij
	2260mm	2258mm	2256mm	24.2W	2225 2340lm	2785 2930lm	2 000b 4d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	12.1W	1115 1170lm	1390 1465lm	2 000b 4d2f 01/2ij
	—	848mm	846mm	18.1W	1670 1755lm	2085 2195lm	2 000b 4d2f 02/2ij
	1132mm	1130mm	1128mm	24.2W	2225 2340lm	2785 2930lm	2 000b 4d2f 03/2ij
	1696mm	1694mm	1692mm	36.3W	3340 3515lm	4175 4390lm	2 000b 4d2f 04/2ij
	2260mm	2258mm	2256mm	48.4W	4455 4685lm	5565 5855lm	2 000b 4d2f 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	3.2W	250 255lm	310 320lm	2 000b 454f 01/2ij
	—	848mm	846mm	4.8W	375 380lm	465 475lm	2 000b 454f 02/2ij
	1132mm	1130mm	1128mm	6.5W	500 510lm	625 635lm	2 000b 454f 03/2ij
	1696mm	1694mm	1692mm	9.7W	750 765lm	935 955lm	2 000b 454f 04/2ij
	2260mm	2258mm	2256mm	12.9W	995 1015lm	1245 1270lm	2 000b 454f 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6.5W	470 495lm	585 620lm	2 000b 455f 01/2ij
	—	848mm	846mm	9.7W	705 740lm	880 925lm	2 000b 455f 02/2ij
	1132mm	1130mm	1128mm	12.9W	940 990lm	1175 1235lm	2 000b 455f 03/2ij
	1696mm	1694mm	1692mm	19.4W	1410 1480lm	1765 1855lm	2 000b 455f 04/2ij
	2260mm	2258mm	2256mm	25.8W	1880 1975lm	2350 2470lm	2 000b 455f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System****	C	anodise	6				

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.
 **** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUCH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

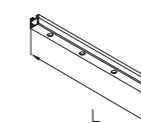
Spots

	length	length	power	micro lens	beam angle	code
M-CHILI	marginal	middle		3000 4000K		
M-CHILI S	143mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 001b 4d9f 01/h0j
M-CHILI L	284mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 001b 4d9f 02/h0j

M-CHILI S



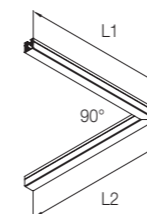
M-CHILI L



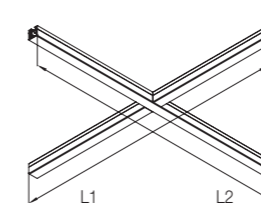
Connectors

	dimensions	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K	
ML	291x291mm	6W	555 585lm	695 730lm	2 0032 4d1f 00/2ij
MG	291x291mm	6W	555 585lm	695 730lm	2 0042 4d1f 00/2ij
MH	285x285mm	6W	555 585lm	695 730lm	2 0052 4d1f 00/2ij
MT	564x291mm	9.1W	835 875lm	1045 1095lm	2 0062 4d1f 00/2ij
MX	564x564mm	12.1W	1115 1170lm	1390 1465lm	2 0072 4d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K	
ML	291x291mm	12.1W	1115 1170lm	1390 1465lm	2 0032 4d2f 00/2ij
MG	291x291mm	12.1W	1115 1170lm	1390 1465lm	2 0042 4d2f 00/2ij
MH	285x285mm	12.1W	1115 1170lm	1390 1465lm	2 0052 4d2f 00/2ij
MT	564x291mm	18.1W	1670 1755lm	2085 2195lm	2 0062 4d2f 00/2ij
MX	564x564mm	24.2W	2225 2340lm	2785 2930lm	2 0072 4d2f 00/2ij

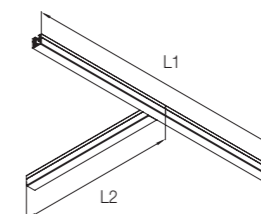
ML



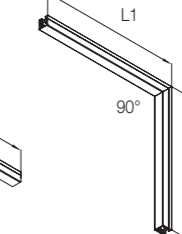
MX



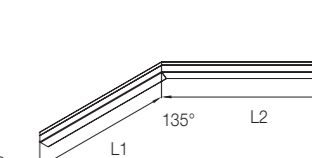
MT



MG



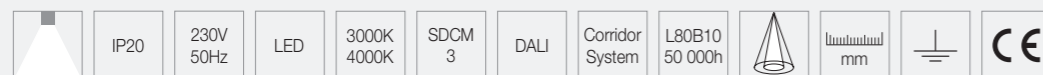
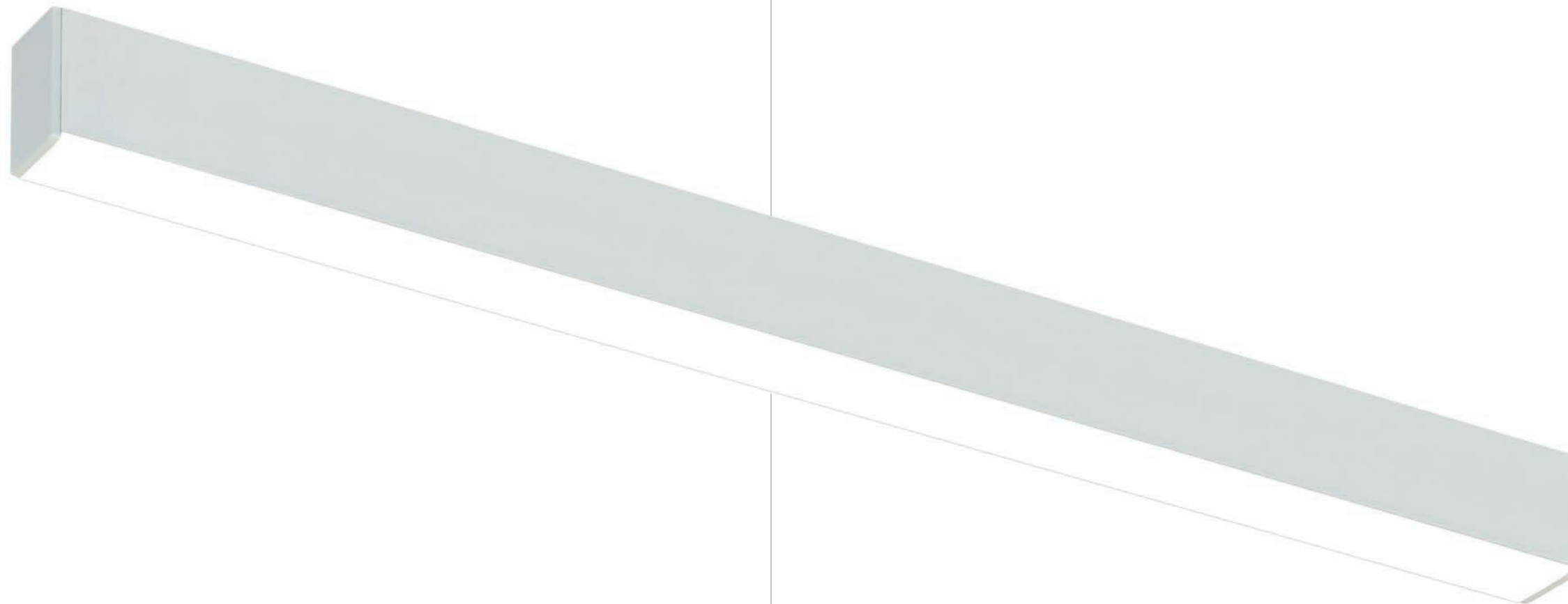
MH



Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI***	4	white	4	20°	5	satine	3	3000K	WW
middle	2	on/off	5	black	5	40°	6	microprism	4	4000K	W
		Corridor System****	C	anodise	6						

UC18.32

Profiles System



Typology:

Surface mounted aluminium profiles with direct light.

Material and finishing:

Anodised or white/black painted aluminium.

Diffuser:

satine, microprism.

Feeding:

Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Aufbauprofil direkt strahlend.

Material und Ausführung:

Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät und driver box – 230V/50Hz, I Schutzklasse. Profile – III Schutzklasse.

Typologia:

Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

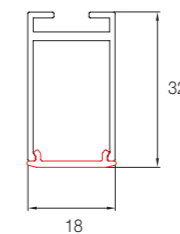
Aluminium anodowane lub malowane na kolor biały/czarny.

Dyfuzor:








satyna, mikropryzma.

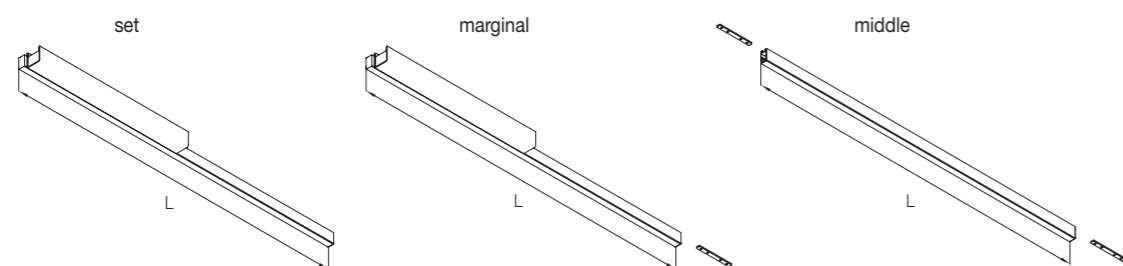
Zasilanie:

Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.









Linear

	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6W	555 585lm	695 730lm	2 100b 4d1f 01/2ij
	—	848mm	846mm	9.1W	835 875lm	1045 1095lm	2 100b 4d1f 02/2ij
	1132mm	1130mm	1128mm	12.1W	1115 1170lm	1390 1465lm	2 100b 4d1f 03/2ij
	1696mm	1694mm	1692mm	18.1W	1670 1757lm	2085 2195lm	2 100b 4d1f 04/2ij
	2260mm	2258mm	2256mm	24.2W	2225 2340lm	2785 2930lm	2 100b 4d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	12.1W	1115 1170lm	1390 1465lm	2 100b 4d2f 01/2ij
	—	848mm	846mm	18.1W	1670 1755lm	2085 2195lm	2 100b 4d2f 02/2ij
	1132mm	1130mm	1128mm	24.2W	2225 2340lm	2785 2930lm	2 100b 4d2f 03/2ij
	1696mm	1694mm	1692mm	36.3W	3340 3515lm	4175 4390lm	2 100b 4d2f 04/2ij
	2260mm	2258mm	2256mm	48.4W	4455 4685lm	5565 5855lm	2 100b 4d2f 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	3.2W	250 255lm	310 320lm	2 100b 454f 01/2ij
	—	848mm	846mm	4.8W	375 380lm	465 475lm	2 100b 454f 02/2ij
	1132mm	1130mm	1128mm	6.5W	500 510lm	625 635lm	2 100b 454f 03/2ij
	1696mm	1694mm	1692mm	9.7W	750 765lm	935 955lm	2 100b 454f 04/2ij
	2260mm	2258mm	2256mm	12.9W	995 1015lm	1245 1270lm	2 100b 454f 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6.5W	470 495lm	585 620lm	2 100b 455f 01/2ij
	—	848mm	846mm	9.7W	705 740lm	880 925lm	2 100b 455f 02/2ij
	1132mm	1130mm	1128mm	12.9W	940 990lm	1175 1235lm	2 100b 455f 03/2ij
	1696mm	1694mm	1692mm	19.4W	1410 1480lm	1765 1855lm	2 100b 455f 04/2ij
	2260mm	2258mm	2256mm	25.8W	1880 1975lm	2350 2470lm	2 100b 455f 05/2ij

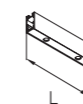


Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System****	C	anodise	6				

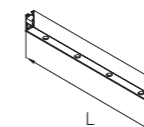
Spots

	 length	 length	 power	 micro lens	 beam angle	 code
M-CHILI	marginal	middle		3000 4000K		
M-CHILI S	143mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 101b 4d9f 01/h0j
M-CHILI L	284mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 101b 4d9f 02/h0j
M-TUBE	marginal	middle		3000 4000K		
M-TUBE S	143mm	141mm	2.3W (2xPower LED)	200-215 215-225lm	20°, 40°	2 102b 4d9f 01/h0j
M-TUBE L	284mm	282mm	4.6W (4xPower LED)	405-430 425-455lm	20°, 40°	2 102b 4d9f 02/h0j

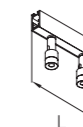
M-CHILI S



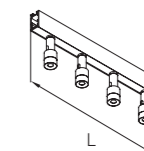
M-CHILI L



M-TUBE S



M-TUBE L



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI***	4	white	4	20°	5	3000K	WW
middle	2	on/off	5	black anodise	5 6	40°	6	4000K	W

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUCH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



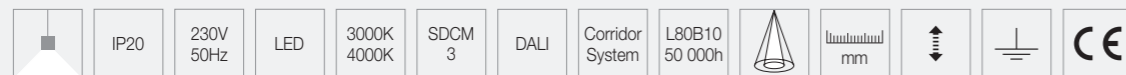
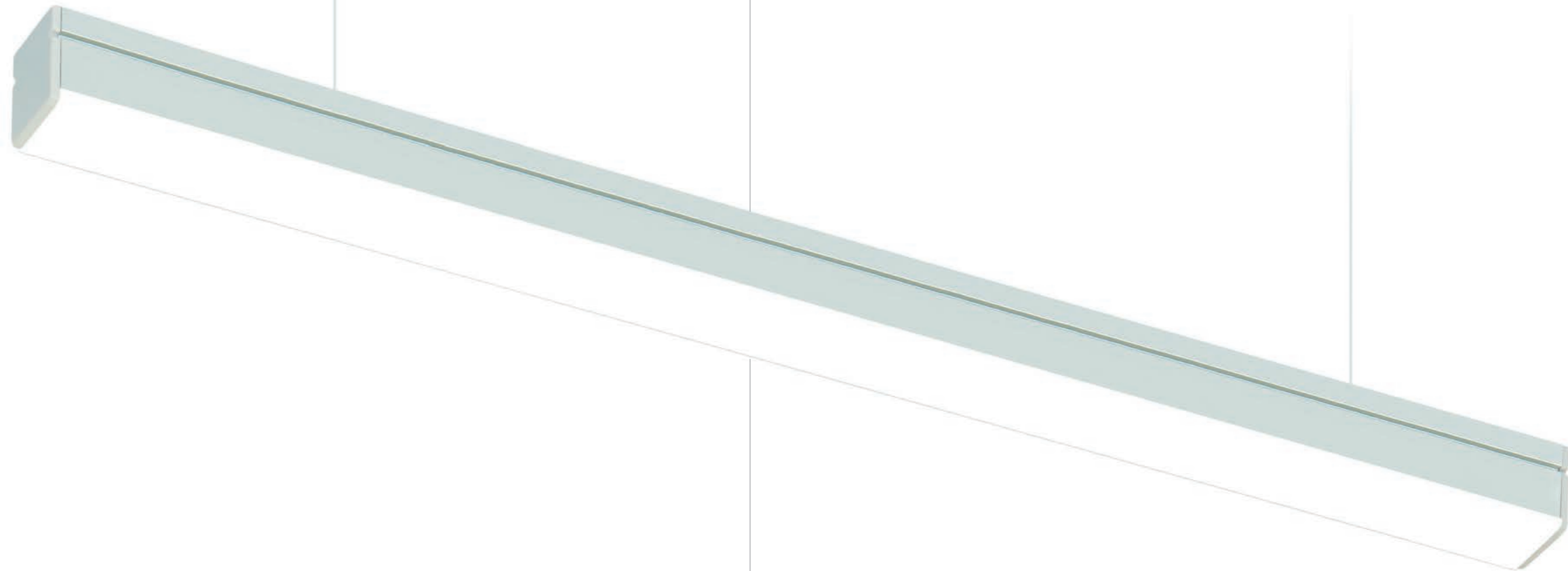
Mercure Hotel, Poland, Kaczmarek Studio S.C., arch. Iwona Kaczmarek, arch. Mirosław Kaczmarek



Filharmonia Świętokrzyska, Poland, arch. Marcin Piwoński, arch. Robert Brodziński, arch. Artur Stachura

US18.18

Profiles System



Typology:
Suspended mounted aluminium profiles with direct light.

Material and finishing:
Anodised or white/black painted aluminium.

Diffuser:
satine, microprism.

Feeding:
Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:
Abgependelte Aluminium Profile direkt strahlend.

Material und Ausführung:
Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:
satine, mikroprisma.

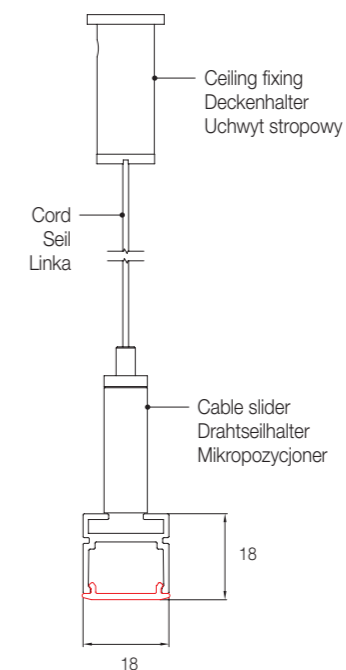
Einspeisung:
Vorschaltgerät und driver box – 230V/50Hz, I Schutzklasse. Profile – III Schutzklasse.

Typologia:
Zwieszany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:
Aluminium anodowane lub malowane na kolor biały/czarny.

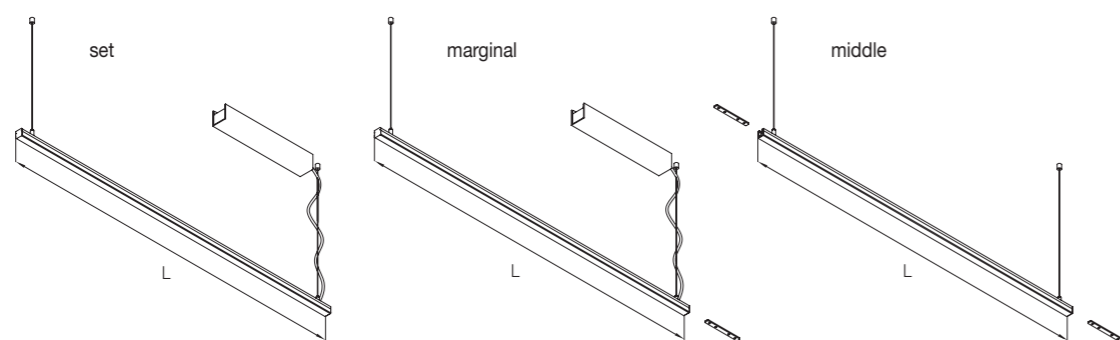
Dyfuzor:
satyna, mikropryzma.

Zasilanie:
Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6W	555 585lm	695 730lm	2 010b 0d1f 01/2ij
	—	848mm	846mm	9.1W	835 875lm	1045 1095lm	2 010b 0d1f 02/2ij
	1132mm	1130mm	1128mm	12.1W	1115 1170lm	1390 1465lm	2 010b 0d1f 03/2ij
	1696mm	1694mm	1692mm	18.1W	1670 1757lm	2085 2195lm	2 010b 0d1f 04/2ij
	2260mm	2258mm	2256mm	24.2W	2225 2340lm	2785 2930lm	2 010b 0d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	12.1W	1115 1170lm	1390 1465lm	2 010b 0d2f 01/2ij
	—	848mm	846mm	18.1W	1670 1755lm	2085 2195lm	2 010b 0d2f 02/2ij
	1132mm	1130mm	1128mm	24.2W	2225 2340lm	2785 2930lm	2 010b 0d2f 03/2ij
	1696mm	1694mm	1692mm	36.3W	3340 3515lm	4175 4390lm	2 010b 0d2f 04/2ij
	2260mm	2258mm	2256mm	48.4W	4455 4685lm	5565 5855lm	2 010b 0d2f 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	3.2W	250 255lm	310 320lm	2 010b 054f 01/2ij
	—	848mm	846mm	4.8W	375 380lm	465 475lm	2 010b 054f 02/2ij
	1132mm	1130mm	1128mm	6.5W	500 510lm	625 635lm	2 010b 054f 03/2ij
	1696mm	1694mm	1692mm	9.7W	750 765lm	935 955lm	2 010b 054f 04/2ij
	2260mm	2258mm	2256mm	12.9W	995 1015lm	1245 1270lm	2 010b 054f 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6.5W	470 495lm	585 620lm	2 010b 055f 01/2ij
	—	848mm	846mm	9.7W	705 740lm	880 925lm	2 010b 055f 02/2ij
	1132mm	1130mm	1128mm	12.9W	940 990lm	1175 1235lm	2 010b 055f 03/2ij
	1696mm	1694mm	1692mm	19.4W	1410 1480lm	1765 1855lm	2 010b 055f 04/2ij
	2260mm	2258mm	2256mm	25.8W	1880 1975lm	2350 2470lm	2 010b 055f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System****	C	anodise	6				

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.
 **** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUCH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

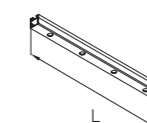
Spots

	length	length	power	micro lens	beam angle	code
M-CHILI	marginal	middle		3000 4000K		
M-CHILI S	143mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 011b 0d9f 01/h0j
M-CHILI L	284mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 011b 0d9f 02/h0j

M-CHILI S

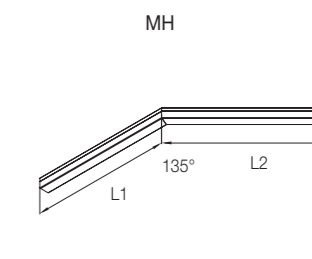
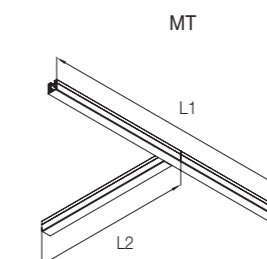
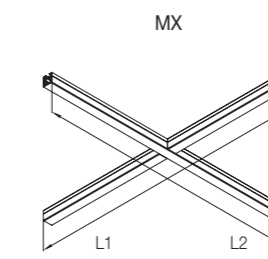
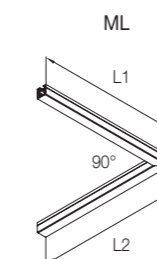


M-CHILI L



Connectors

	dimensions	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K	
ML	291x291mm	6W	555 585lm	695 730lm	2 0132 0d1f 00/2ij
MH	285x285mm	6W	555 585lm	695 730lm	2 0152 0d1f 00/2ij
MT	564x291mm	9.1W	835 875lm	1045 1095lm	2 0162 0d1f 00/2ij
MX	564x564mm	12.1W	1115 1170lm	1390 1465lm	2 0172 0d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K	
ML	291x291mm	12.1W	1115 1170lm	1390 1465lm	2 0132 0d2f 00/2ij
MH	285x285mm	12.1W	1115 1170lm	1390 1465lm	2 0152 0d2f 00/2ij
MT	564x291mm	18.1W	1670 1755lm	2085 2195lm	2 0162 0d2f 00/2ij
MX	564x564mm	24.2W	2225 2340lm	2785 2930lm	2 0172 0d2f 00/2ij



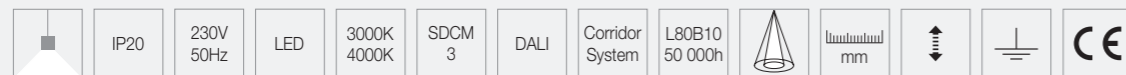
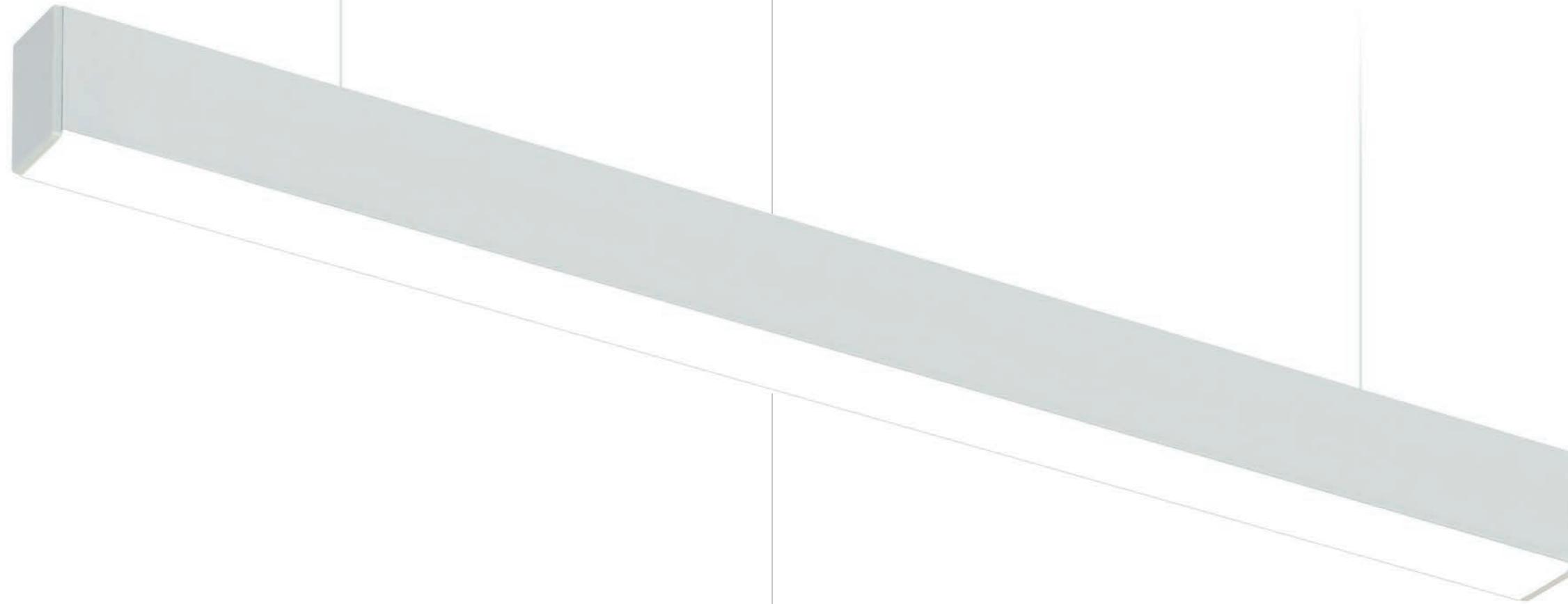
Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI***	4	white	4	20°	5	satine	3	3000K	WW
middle	2	on/off	5	black	5	40°	6	microprism	4	4000K	W
		Corridor System****	C	anodise	6						



Norma, Germany, PCL Thurner Licht, Roman Zeisberg

US18.32

Profiles System



Typology:

Suspended mounted aluminium profiles with direct light.

Material and finishing:

Anodised or white/black painted aluminium.

Diffuser:

satine, microprism.

Feeding:

Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Abgependelte Aluminium Profile direkt strahlend.

Material und Ausführung:

Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät und driver box - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Zwieszany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

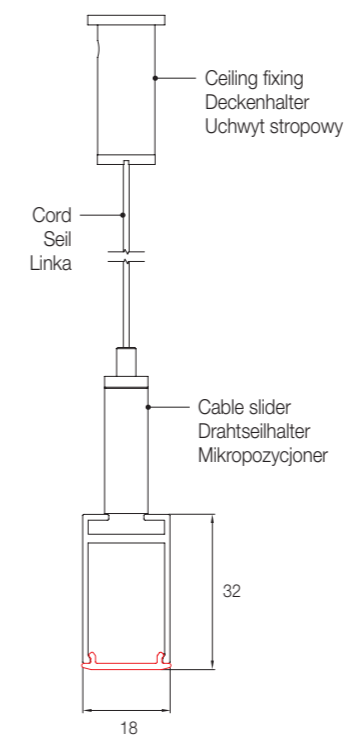
Aluminium anodowane lub malowane na kolor biały/czarny.

Dyfuzor:

satyna, mikropryzma.

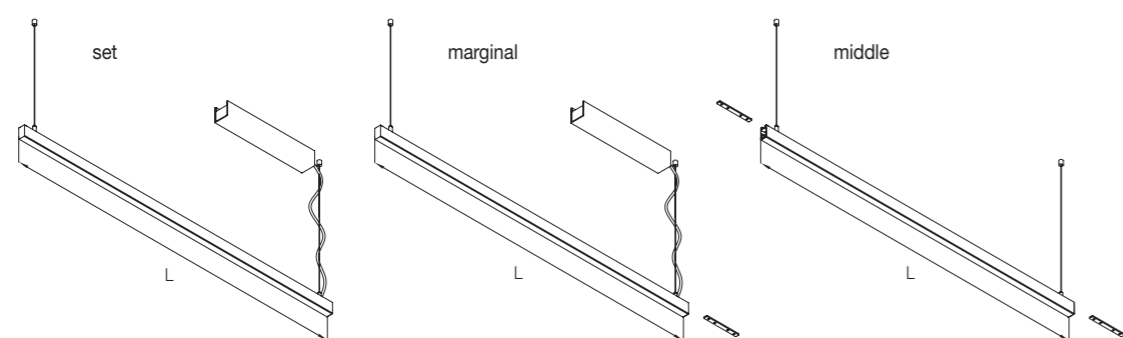
Zasilanie:

Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6W	555 585lm	695 730lm	2 110b 0d1f 01/2ij
	—	848mm	846mm	9.1W	835 875lm	1045 1095lm	2 110b 0d1f 02/2ij
	1132mm	1130mm	1128mm	12.1W	1115 1170lm	1390 1465lm	2 110b 0d1f 03/2ij
	1696mm	1694mm	1692mm	18.1W	1670 1757lm	2085 2195lm	2 110b 0d1f 04/2ij
	2260mm	2258mm	2256mm	24.2W	2225 2340lm	2785 2930lm	2 110b 0d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	12.1W	1115 1170lm	1390 1465lm	2 110b 0d2f 01/2ij
	—	848mm	846mm	18.1W	1670 1755lm	2085 2195lm	2 110b 0d2f 02/2ij
	1132mm	1130mm	1128mm	24.2W	2225 2340lm	2785 2930lm	2 110b 0d2f 03/2ij
	1696mm	1694mm	1692mm	36.3W	3340 3515lm	4175 4390lm	2 110b 0d2f 04/2ij
	2260mm	2258mm	2256mm	48.4W	4455 4685lm	5565 5855lm	2 110b 0d2f 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	3.2W	250 255lm	310 320lm	2 110b 054f 01/2ij
	—	848mm	846mm	4.8W	375 380lm	465 475lm	2 110b 054f 02/2ij
	1132mm	1130mm	1128mm	6.5W	500 510lm	625 635lm	2 110b 054f 03/2ij
	1696mm	1694mm	1692mm	9.7W	750 765lm	935 955lm	2 110b 054f 04/2ij
	2260mm	2258mm	2256mm	12.9W	995 1015lm	1245 1270lm	2 110b 054f 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	566mm	564mm	6.5W	470 495lm	585 620lm	2 110b 055f 01/2ij
	—	848mm	846mm	9.7W	705 740lm	880 925lm	2 110b 055f 02/2ij
	1132mm	1130mm	1128mm	12.9W	940 990lm	1175 1235lm	2 110b 055f 03/2ij
	1696mm	1694mm	1692mm	19.4W	1410 1480lm	1765 1855lm	2 110b 055f 04/2ij
	2260mm	2258mm	2256mm	25.8W	1880 1975lm	2350 2470lm	2 110b 055f 05/2ij

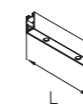


Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System****	C	anodise	6				

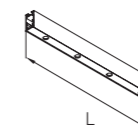
Spots

	length	length	power	micro lens	beam angle	code	
M-CHILI	marginal	middle		3000 4000K			
	M-CHILI S	143mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 111b 0d9f 01/h0j
	M-CHILI L	284mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 111b 0d9f 02/h0j
M-TUBE	marginal	middle		3000 4000K			
	M-TUBE S	143mm	141mm	2.3W (2xPower LED)	200-215 215-225lm	20°, 40°	2 112b 0d9f 01/h0j
	M-TUBE L	284mm	282mm	4.6W (4xPower LED)	405-430 425-455lm	20°, 40°	2 112b 0d9f 02/h0j

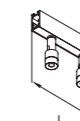
M-CHILI S



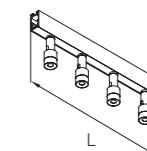
M-CHILI L



M-TUBE S



M-TUBE L



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI***	4	white	4	20°	5	3000K	WW
middle	2	on/off	5	black	5	40°	6	4000K	W
		anodise			6				

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.
 **** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUCH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

UF18.18

Profiles System



Typology:

Recessed mounted (frame) aluminium profiles with direct light.

Material and finishing:

Anodised or white painted aluminium.

Diffuser:

satine, mikroprisma.

Feeding:

Driver - 230V/50Hz, I class protection.
Profiles - III class protection.

Typologie:

Einbauprofil mit Rahmen direkt strahlend.

Material und Ausführung:

Eloxiert oder lackiert in weiß.

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse.
Profile - III Schutzklasse.

Typologia:

Wbudowany (z ramką), aluminiowy profil świecący światłem bezpośrednim.

Material i wykończenie:

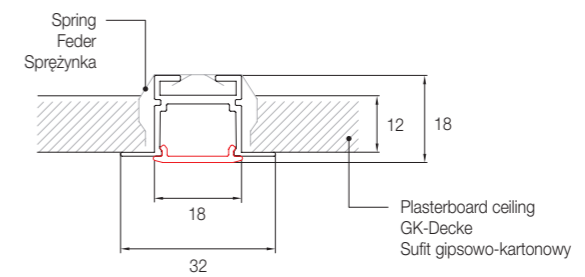
Aluminium anodowane lub malowane na kolor biały.

Dyfuzor:

satyna, mikropryzma.

Zasilanie:

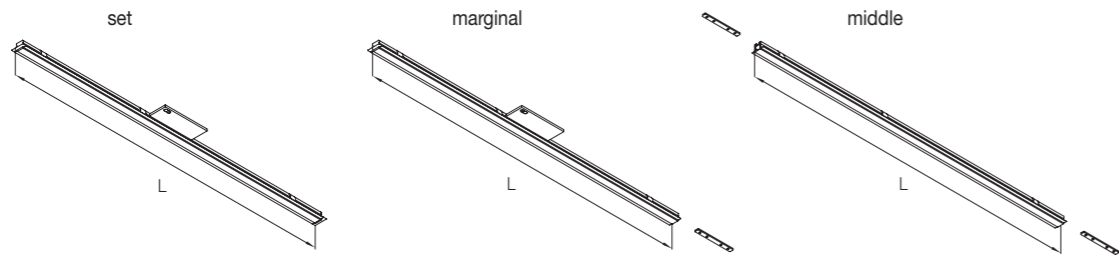
Zasilacz - 230V/50Hz, I klasa ochronności.
Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	573mm	564mm	6W	555 585lm	695 730lm	2 020b 2d1f 01/2ij
	—	855mm	846mm	9.1W	835 875lm	1045 1095lm	2 020b 2d1f 02/2ij
	1146mm	1137mm	1128mm	12.1W	1115 1170lm	1390 1465lm	2 020b 2d1f 03/2ij
	1710mm	1701mm	1692mm	18.1W	1670 1757lm	2085 2195lm	2 020b 2d1f 04/2ij
	2274mm	2265mm	2256mm	24.2W	2225 2340lm	2785 2930lm	2 020b 2d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	573mm	564mm	12.1W	1115 1170lm	1390 1465lm	2 020b 2d2f 01/2ij
	—	855mm	846mm	18.1W	1670 1755lm	2085 2195lm	2 020b 2d2f 02/2ij
	1146mm	1137mm	1128mm	24.2W	2225 2340lm	2785 2930lm	2 020b 2d2f 03/2ij
	1710mm	1701mm	1692mm	36.3W	3340 3515lm	4175 4390lm	2 020b 2d2f 04/2ij
	2274mm	2265mm	2256mm	48.4W	4455 4685lm	5565 5855lm	2 020b 2d2f 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	573mm	564mm	3.2W	250 255lm	310 320lm	2 020b 254f 01/2ij
	—	855mm	846mm	4.8W	375 380lm	465 475lm	2 020b 254f 02/2ij
	1146mm	1137mm	1128mm	6.5W	500 510lm	625 635lm	2 020b 254f 03/2ij
	1710mm	1701mm	1692mm	9.7W	750 765lm	935 955lm	2 020b 254f 04/2ij
	2274mm	2265mm	2256mm	12.9W	995 1015lm	1245 1270lm	2 020b 254f 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	573mm	564mm	6.5W	470 495lm	585 620lm	2 020b 255f 01/2ij
	—	855mm	846mm	9.7W	705 740lm	880 925lm	2 020b 255f 02/2ij
	1146mm	1137mm	1128mm	12.9W	940 990lm	1175 1235lm	2 020b 255f 03/2ij
	1710mm	1701mm	1692mm	19.4W	1410 1480lm	1765 1855lm	2 020b 255f 04/2ij
	2274mm	2265mm	2256mm	25.8W	1880 1975lm	2350 2470lm	2 020b 255f 05/2ij

set (L-10mm) x 22mm
marginal (L-5mm) x 22mm
middle L x 22mm
Hmin = 100mm (for driver)



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	anodise	6	microprism	4	4000K	W
middle	2	Corridor System****	C						

* LED modules supplied with Constant Current, external driver included.
** LED modules supplied with Constant Voltage, external driver included.
*** Available option only for LED CC and Power LED.
**** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
*** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
**** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
*** Dostępna opcja tylko dla modułów LED CC i Power LED.
**** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUICH.

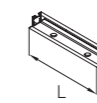
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

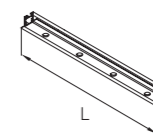
	length	length	power	micro lens	beam angle	code
M-CHILI	marginal	middle		3000 4000K		
M-CHILI S	150mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 021b 2d9f 01/h0j
M-CHILI L	291mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 021b 2d9f 02/h0j

marginal (L-5mm) x 22mm
middle L x 22mm
Hmin = 100mm (for driver)

M-CHILI S



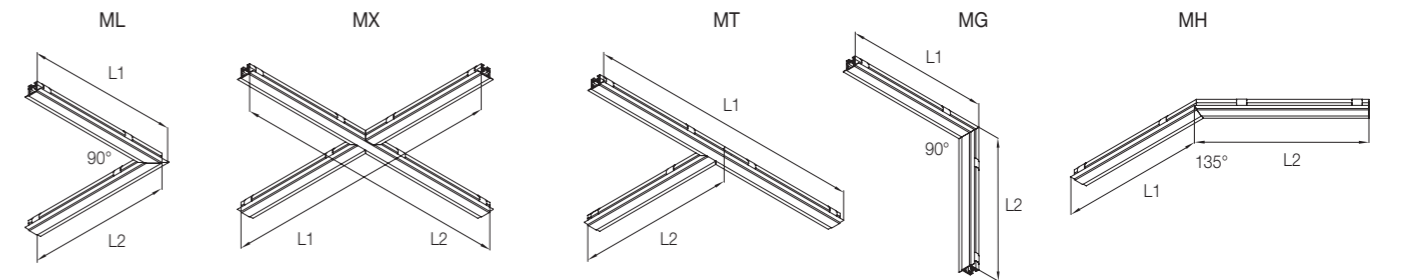
M-CHILI L



Connectors

	dimensions	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K	
ML	298x298mm	6W	555 585lm	695 730lm	2 0232 2d1f 00/2ij
MG	298x298mm	6W	555 585lm	695 730lm	2 0242 2d1f 00/2ij
MH	288x288mm	6W	555 585lm	695 730lm	2 0252 2d1f 00/2ij
MT	564x298mm	9.1W	835 875lm	1045 1095lm	2 0262 2d1f 00/2ij
MX	564x564mm	12.1W	1115 1170lm	1390 1465lm	2 0272 2d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K	
ML	298x298mm	12.1W	1115 1170lm	1390 1465lm	2 0232 2d2f 00/2ij
MG	298x298mm	12.1W	1115 1170lm	1390 1465lm	2 0242 2d2f 00/2ij
MH	288x288mm	12.1W	1115 1170lm	1390 1465lm	2 0252 2d2f 00/2ij
MT	564x298mm	18.1W	1670 1755lm	2085 2195lm	2 0262 2d2f 00/2ij
MX	564x564mm	24.2W	2225 2340lm	2785 2930lm	2 0272 2d2f 00/2ij

ML (L1-5mm) x (L2-5mm) x 22mm
MG (L1-15mm) x (L2-15mm) x 22mm
MH (L1-4mm) x (L2-4mm) x 22mm
MT L1 x (L2-5mm) x 22mm
MX L1 x L2 x 22mm
Hmin = 100mm (for driver)



Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI***	4	white	4	20°	5	satine	3	3000K	WW
middle	2	on/off	5	anodise	6	40°	6	microprism	4	4000K	W
		Corridor System****	C								



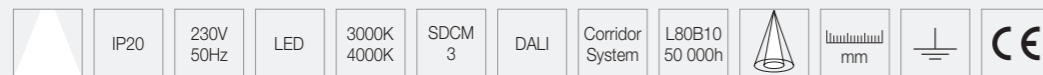
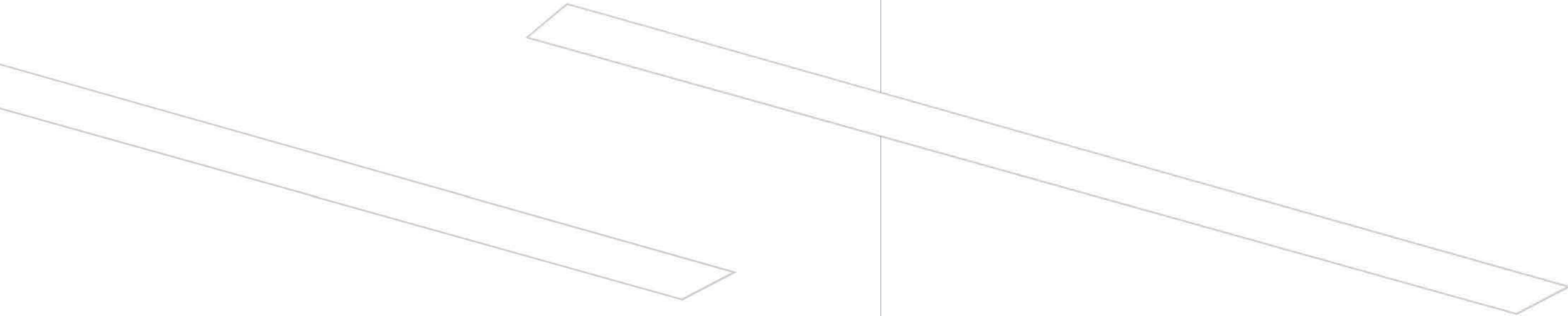
Silver Tower Centre, Poland, Maćków Pracownia Projektowa Sp. z o.o.



Silver Tower Centre, Poland, Maćków Pracownia Projektowa Sp. z o.o.

UT 18.18

Profiles System



Typology:

Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil rahmenlos direkt strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (bezramkowy), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

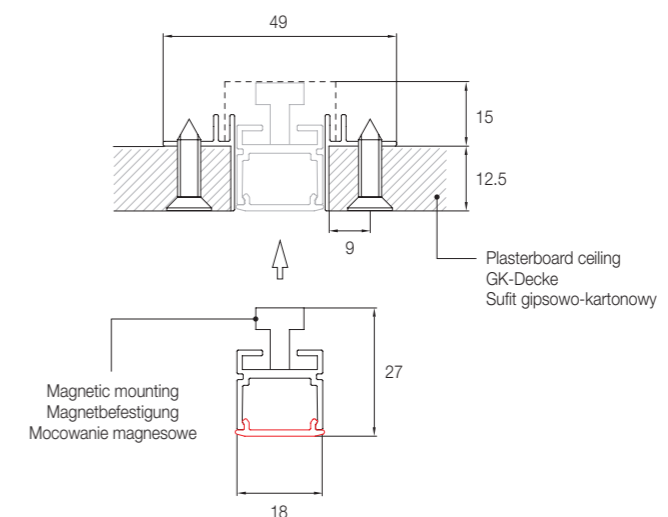
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:

satyna, mikropryzma.

Zasilanie:

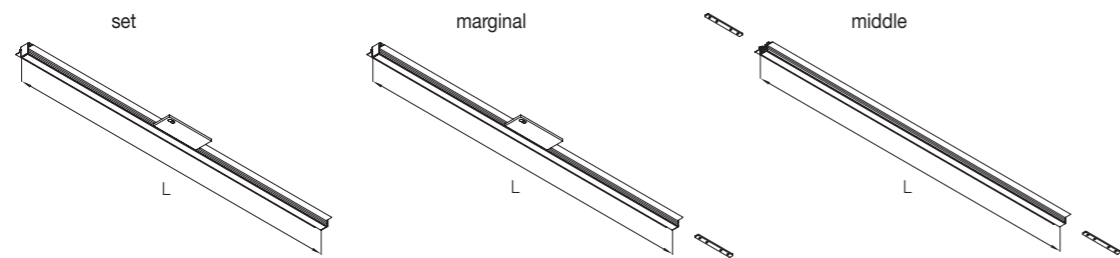
Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	569mm	564mm	6W	555 585lm	695 730lm	2 030b 2d10 01/2ij
	—	851mm	846mm	9.1W	835 875lm	1045 1095lm	2 030b 2d10 02/2ij
	1138mm	1133mm	1128mm	12.1W	1115 1170lm	1390 1465lm	2 030b 2d10 03/2ij
	1702mm	1697mm	1692mm	18.1W	1670 1757lm	2085 2195lm	2 030b 2d10 04/2ij
	2266mm	2261mm	2256mm	24.2W	2225 2340lm	2785 2930lm	2 030b 2d10 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	569mm	564mm	12.1W	1115 1170lm	1390 1465lm	2 030b 2d20 01/2ij
	—	851mm	846mm	18.1W	1670 1755lm	2085 2195lm	2 030b 2d20 02/2ij
	1138mm	1133mm	1128mm	24.2W	2225 2340lm	2785 2930lm	2 030b 2d20 03/2ij
	1702mm	1697mm	1692mm	36.3W	3340 3515lm	4175 4390lm	2 030b 2d20 04/2ij
	2266mm	2261mm	2256mm	48.4W	4455 4685lm	5565 5855lm	2 030b 2d20 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	569mm	564mm	3.2W	250 255lm	310 320lm	2 030b 2540 01/2ij
	—	851mm	846mm	4.8W	375 380lm	465 475lm	2 030b 2540 02/2ij
	1138mm	1133mm	1128mm	6.5W	500 510lm	625 635lm	2 030b 2540 03/2ij
	1702mm	1697mm	1692mm	9.7W	750 765lm	935 955lm	2 030b 2540 04/2ij
	2266mm	2261mm	2256mm	12.9W	995 1015lm	1245 1270lm	2 030b 2540 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	569mm	564mm	6.5W	470 495lm	585 620lm	2 030b 2550 01/2ij
	—	851mm	846mm	9.7W	705 740lm	880 925lm	2 030b 2550 02/2ij
	1138mm	1133mm	1128mm	12.9W	940 990lm	1175 1235lm	2 030b 2550 03/2ij
	1702mm	1697mm	1692mm	19.4W	1410 1480lm	1765 1855lm	2 030b 2550 04/2ij
	2266mm	2261mm	2256mm	25.8W	1880 1975lm	2350 2470lm	2 030b 2550 05/2ij

set (L+2mm) x 22mm
 marginal (L+1mm) x 22mm
 middle L x 22mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI***	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System****	C				

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.
 **** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUCH.

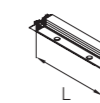
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

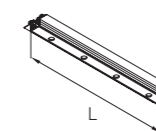
	length	length	power	micro lens	beam angle	code
M-CHILI	marginal	middle		3000 4000K		
M-CHILI S	146mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 031b 2d90 01/hj
M-CHILI L	287mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 031b 2d90 02/hj

marginal (L+1mm) x 22mm
 middle L x 22mm
 Hmin = 100mm (for driver)

M-CHILI S



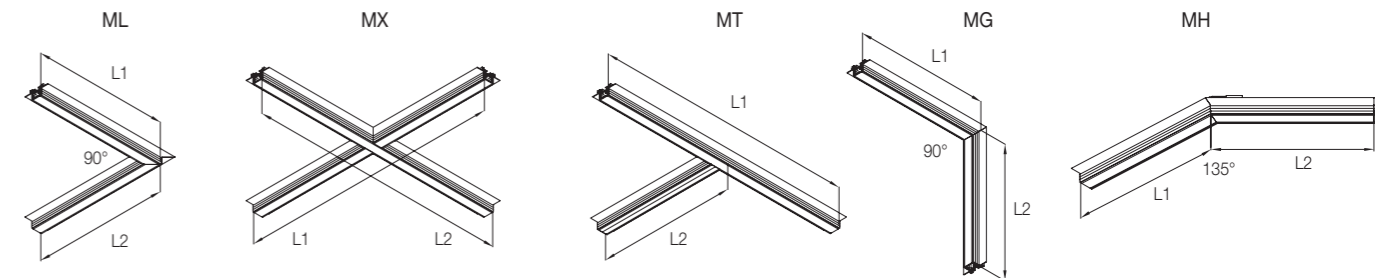
M-CHILI L



Connectors

	dimensions	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K	
ML	293x293mm	6W	555 585lm	695 730lm	2 0332 2d10 00/2ij
MG	293x293mm	6W	555 585lm	695 730lm	2 0342 2d10 00/2ij
MH	286x286mm	6W	555 585lm	695 730lm	2 0352 2d10 00/2ij
MT	564x293mm	9.1W	835 875lm	1045 1095lm	2 0362 2d10 00/2ij
MX	564x564mm	12.1W	1115 1170lm	1390 1465lm	2 0372 2d10 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K	
ML	293x293mm	12.1W	1115 1170lm	1390 1465lm	2 0332 2d20 00/2ij
MG	293x293mm	12.1W	1115 1170lm	1390 1465lm	2 0342 2d20 00/2ij
MH	286x286mm	12.1W	1115 1170lm	1390 1465lm	2 0352 2d20 00/2ij
MT	564x293mm	18.1W	1670 1755lm	2085 2195lm	2 0362 2d20 00/2ij
MX	564x564mm	24.2W	2225 2340lm	2785 2930lm	2 0372 2d20 00/2ij

ML (L1+2mm) x (L2+2mm) x 22mm
 MG (L1-18mm) x (L2-18mm) x 22mm
 MH (L1+2mm) x (L2+2mm) x 22mm
 MT L1 x (L2+2mm) x 22mm
 MX L1 x L2 x 22mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI***	4	20°	5	satine	3	3000K	WW
middle	2	on/off Corridor System****	5 C	40°	6	microprism	4	4000K	W



Hala Koszyki, Poland, Medusa Group

UV18.18

Profiles System



Typology:

Recessed mounted (shallow) aluminium profiles with direct light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil (flach zurückgesetzt) direkt strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (płytko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

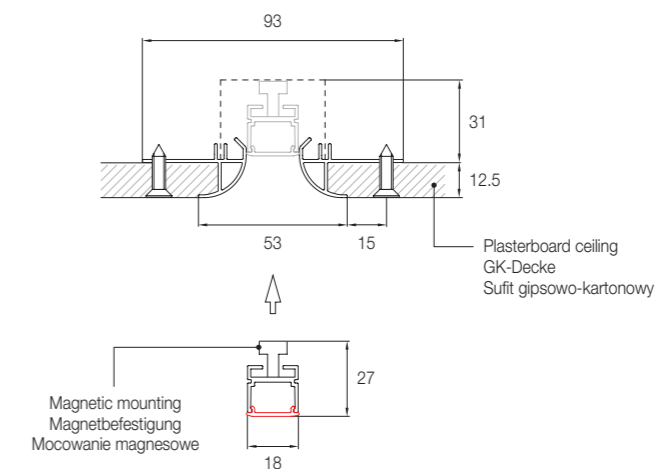
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:








satyna, mikropryzma.


Zasilanie:

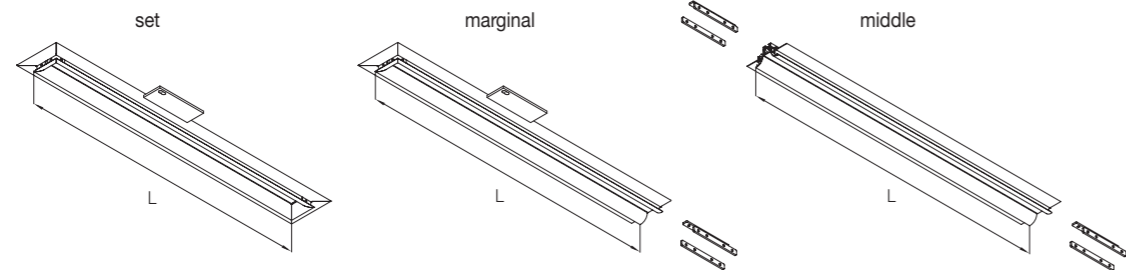
Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

							
	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	584mm	564mm	6W	465 485lm	605 635lm	2 040b 2d10 01/2ij
	—	866mm	846mm	9.1W	695 730lm	905 950lm	2 040b 2d10 02/2ij
	1168mm	1148mm	1128mm	12.1W	925 975lm	1205 1265lm	2 040b 2d10 03/2ij
	1732mm	1712mm	1692mm	18.1W	1395 1465lm	1810 1905lm	2 040b 2d10 04/2ij
	2296mm	2276mm	2256mm	24.2W	1855 1952lm	2415 2535lm	2 040b 2d10 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	584mm	564mm	12.1W	930 975lm	1205 1265lm	2 040b 2d20 01/2ij
	—	866mm	846mm	18.1W	1390 1465lm	1810 1905lm	2 040b 2d20 02/2ij
	1168mm	1148mm	1128mm	24.2W	1855 1950lm	2410 2535lm	2 040b 2d20 03/2ij
	1732mm	1712mm	1692mm	36.3W	2785 2925lm	3620 3805lm	2 040b 2d20 04/2ij
	2296mm	2276mm	2256mm	48.4W	3710 3905lm	4825 5075lm	2 040b 2d20 05/2ij
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	584mm	564mm	3.2W	210 215lm	270 275lm	2 040b 2540 01/2ij
	—	866mm	846mm	4.8W	310 320lm	405 410lm	2 040b 2540 02/2ij
	1168mm	1148mm	1128mm	6.5W	415 425lm	540 550lm	2 040b 2540 03/2ij
	1732mm	1712mm	1692mm	9.7W	625 635lm	810 825lm	2 040b 2540 04/2ij
	2296mm	2276mm	2256mm	12.9W	835 845lm	1085 1100lm	2 040b 2540 05/2ij
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	584mm	564mm	6.5W	390 410lm	510 535lm	2 040b 2550 01/2ij
	—	866mm	846mm	9.7W	585 615lm	765 800lm	2 040b 2550 02/2ij
	1168mm	1148mm	1128mm	12.9W	785 825lm	1020 1070lm	2 040b 2550 03/2ij
	1732mm	1712mm	1692mm	19.4W	1175 1235lm	1530 1605lm	2 040b 2550 04/2ij
	2296mm	2276mm	2256mm	25.8W	1565 1645lm	2035 2140lm	2 040b 2550 05/2ij

 set (L+2mm) x 54mm
 marginal (L+1mm) x 54mm
 middle L x 54mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI***	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System****	C				

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.
 **** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.







* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.


SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

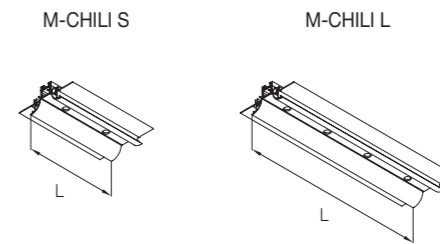
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

							
	length	length	power	micro lens	beam angle	code	
M-CHILI	marginal	middle		3000 4000K			
	M-CHILI S	161mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°	2 041b 2d90 01/h0j
	M-CHILI L	302mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 041b 2d90 02/h0j

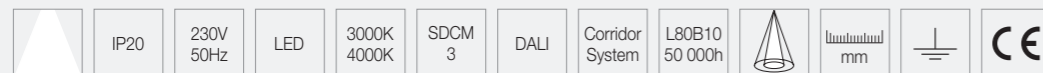
 marginal (L+1mm) x 54mm
 middle L x 54mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI***	4	20°	5	3000K	WW
middle	2	on/off	5	40°	6	4000K	W

UW18.18

Profiles System



Typology:

Recessed mounted (deep) aluminium profiles with direct light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil (tief zurückgesetzt) direkt strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (głęboko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

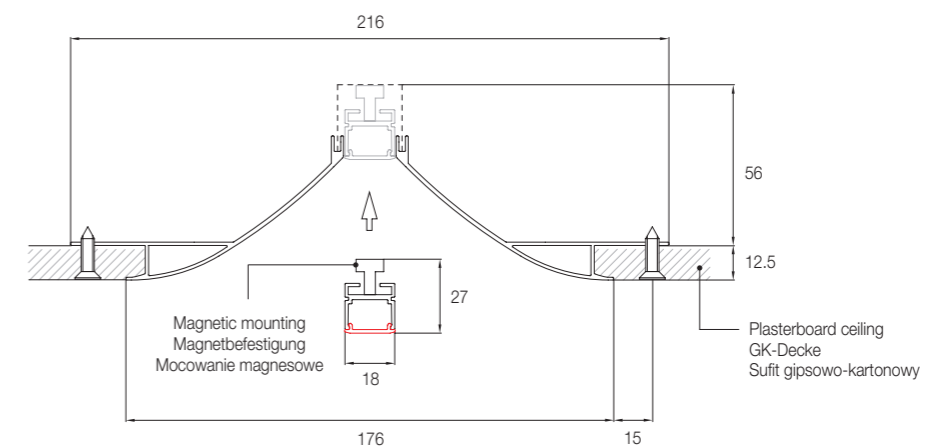
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:








satyna, mikropryzma.




Zasilanie:

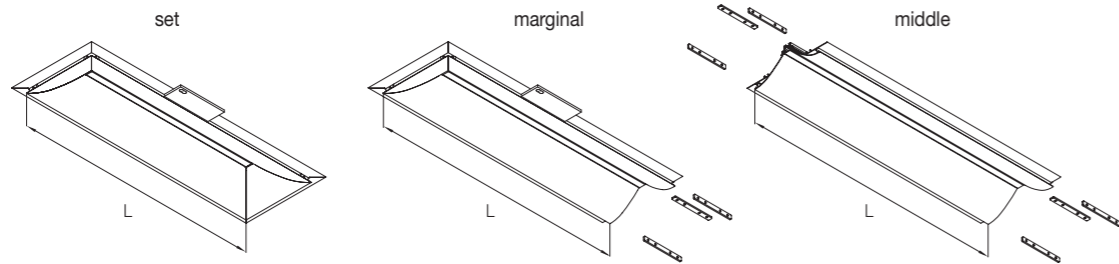
Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

							
	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	646mm	564mm	6W	420 440lm	510 535lm	2 050 b 2d10 01/2ij
	—	928mm	846mm	9.1W	625 660lm	765 805lm	2 050 b 2d10 02/2ij
	1292mm	1210mm	1128mm	12.1W	835 875lm	1020 1075lm	2 050 b 2d10 03/2ij
	1856mm	1774mm	1692mm	18.1W	1255 1320lm	1530 1610lm	2 050 b 2d10 04/2ij
2420mm	2338mm	2256mm	24.2W	1670 1755lm	2040 2145lm	2 050 b 2d10 05/2ij	
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	646mm	564mm	12.1W	835 875lm	1020 1075lm	2 050 b 2d20 01/2ij
	—	928mm	846mm	18.1W	1255 1320lm	1530 1610lm	2 050 b 2d20 02/2ij
	1292mm	1210mm	1128mm	24.2W	1670 1755lm	2040 2145lm	2 050 b 2d20 03/2ij
	1856mm	1774mm	1692mm	36.3W	2505 2635lm	3060 3220lm	2 050 b 2d20 04/2ij
2420mm	2338mm	2256mm	48.4W	3340 3515lm	4080 4295lm	2 050 b 2d20 05/2ij	
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	646mm	564mm	3.2W	185 190lm	230 235lm	2 050 b 2540 01/2ij
	—	928mm	846mm	4.8W	280 285lm	345 350lm	2 050 b 2540 02/2ij
	1292mm	1210mm	1128mm	6.5W	375 380lm	455 465lm	2 050 b 2540 03/2ij
	1856mm	1774mm	1692mm	9.7W	560 570lm	685 700lm	2 050 b 2540 04/2ij
2420mm	2338mm	2256mm	12.9W	750 760lm	915 935lm	2 050 b 2540 05/2ij	
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	646mm	564mm	6.5W	350 370lm	430 450lm	2 050 b 2550 01/2ij
	—	928mm	846mm	9.7W	530 555lm	645 680lm	2 050 b 2550 02/2ij
	1292mm	1210mm	1128mm	12.9W	705 740lm	860 905lm	2 050 b 2550 03/2ij
	1856mm	1774mm	1692mm	19.4W	1055 1110lm	1295 1360lm	2 050 b 2550 04/2ij
2420mm	2338mm	2256mm	25.8W	1410 1485lm	1725 1815lm	2 050 b 2550 05/2ij	

 set (L+2mm) x 179mm
 marginal (L+1mm) x 179mm
 middle L x 179mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI***	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System****	C				

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC and Power LED.
 **** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen und Power LED erhältlich.
 **** Die Option ist nur für LED CC erhältlich.







* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC i Power LED.
 **** Dostępna opcja tylko dla modułów LED CC.



SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUCH.

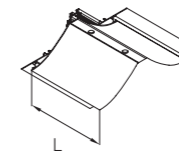
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

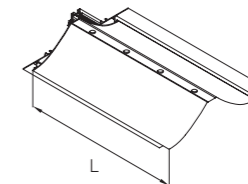
						
	length	length	power	micro lens	beam angle	code
M-CHILI	marginal	middle		3000 4000K		
	M-CHILI S	223mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40°
M-CHILI L	364mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40°	2 051 b 2d90 02/h0j

 marginal (L+1mm) x 179mm
 middle L x 179mm
 Hmin = 100mm (for driver)

M-CHILI S



M-CHILI L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI***	4	20°	5	3000K	WW
middle	2	on/off	5	40°	6	4000K	W

UA18.18

Profiles System



Typology:

Recessed mounted aluminium profiles with asymmetric light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil assymetrisch strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitet zum Malen).

Abdeckung:

satine.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany, aluminiowy profil świecący asymetrycznie.

Materiał i wykończenie:

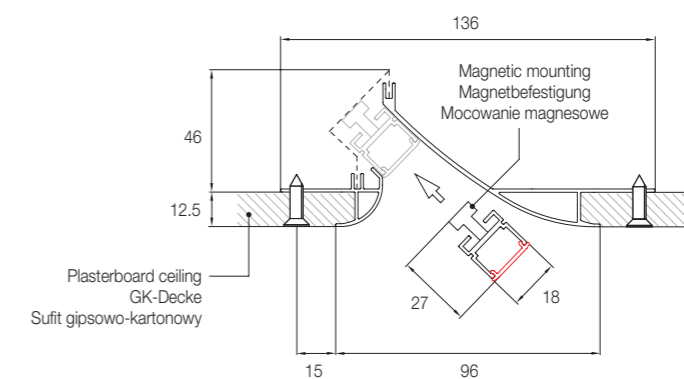
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:

satyna.

Zasilanie:







Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.




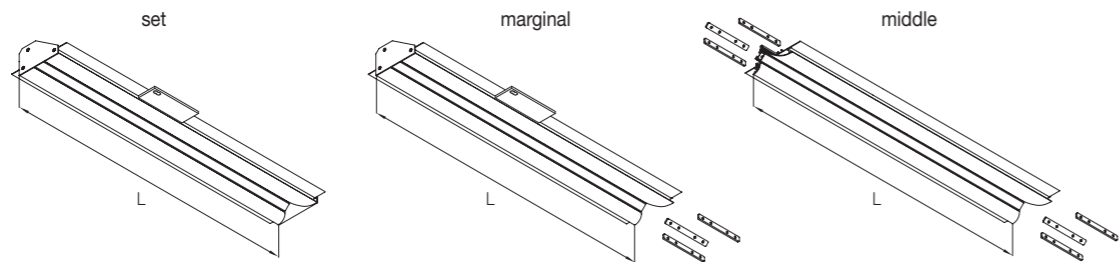
UA18.18

Profiles System

Linear

	 length	 length	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	
	—	566mm	564mm	6W	420 440lm	2 060b 2d10 01/43j
	—	848mm	846mm	9.1W	625 660lm	2 060b 2d10 02/43j
	1132mm	1130mm	1128mm	12.1W	835 875lm	2 060b 2d10 03/43j
	1696mm	1694mm	1692mm	18.1W	1255 1320lm	2 060b 2d10 04/43j
	2260mm	2258mm	2256mm	24.2W	1670 1755lm	2 060b 2d10 05/43j
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	
	—	566mm	564mm	12.1W	835 875lm	2 060b 2d20 01/43j
	—	848mm	846mm	18.1W	1255 1320lm	2 060b 2d20 02/43j
	1132mm	1130mm	1128mm	24.2W	1670 1755lm	2 060b 2d20 03/43j
	1696mm	1694mm	1692mm	36.3W	2505 2635lm	2 060b 2d20 04/43j
	2260mm	2258mm	2256mm	48.4W	3340 3515lm	2 060b 2d20 05/43j
Version with LED CV** high efficacy (HE)	set	marginal	middle		3000 4000K	
	—	566mm	564mm	3.2W	185 190lm	2 060b 2540 01/43j
	—	848mm	846mm	4.8W	280 285lm	2 060b 2540 02/43j
	1132mm	1130mm	1128mm	6.5W	375 380lm	2 060b 2540 03/43j
	1696mm	1694mm	1692mm	9.7W	560 570lm	2 060b 2540 04/43j
	2260mm	2258mm	2256mm	12.9W	750 760lm	2 060b 2540 05/43j
Version with LED CV** high output (HO)	set	marginal	middle		3000 4000K	
	—	566mm	564mm	6.5W	350 370lm	2 060b 2550 01/43j
	—	848mm	846mm	9.7W	530 555lm	2 060b 2550 02/43j
	1132mm	1130mm	1128mm	12.9W	705 740lm	2 060b 2550 03/43j
	1696mm	1694mm	1692mm	19.4W	1055 1110lm	2 060b 2550 04/43j
	2260mm	2258mm	2256mm	25.8W	1410 1485lm	2 060b 2550 05/43j

 set (L+2mm) x 97mm
 marginal (L+1mm) x 97mm
 middle L x 97mm
 Hmin = 100mm (for driver)



Module	b	Control	d	CCT	j
set	0	DALI***	4	3000K	WW
marginal	1	on/off	5	4000K	W
middle	2	Corridor System***	C		

* LED modules supplied with Constant Current, external driver included.
 ** LED modules supplied with Constant Voltage, external driver included.
 *** Available option only for LED CC.

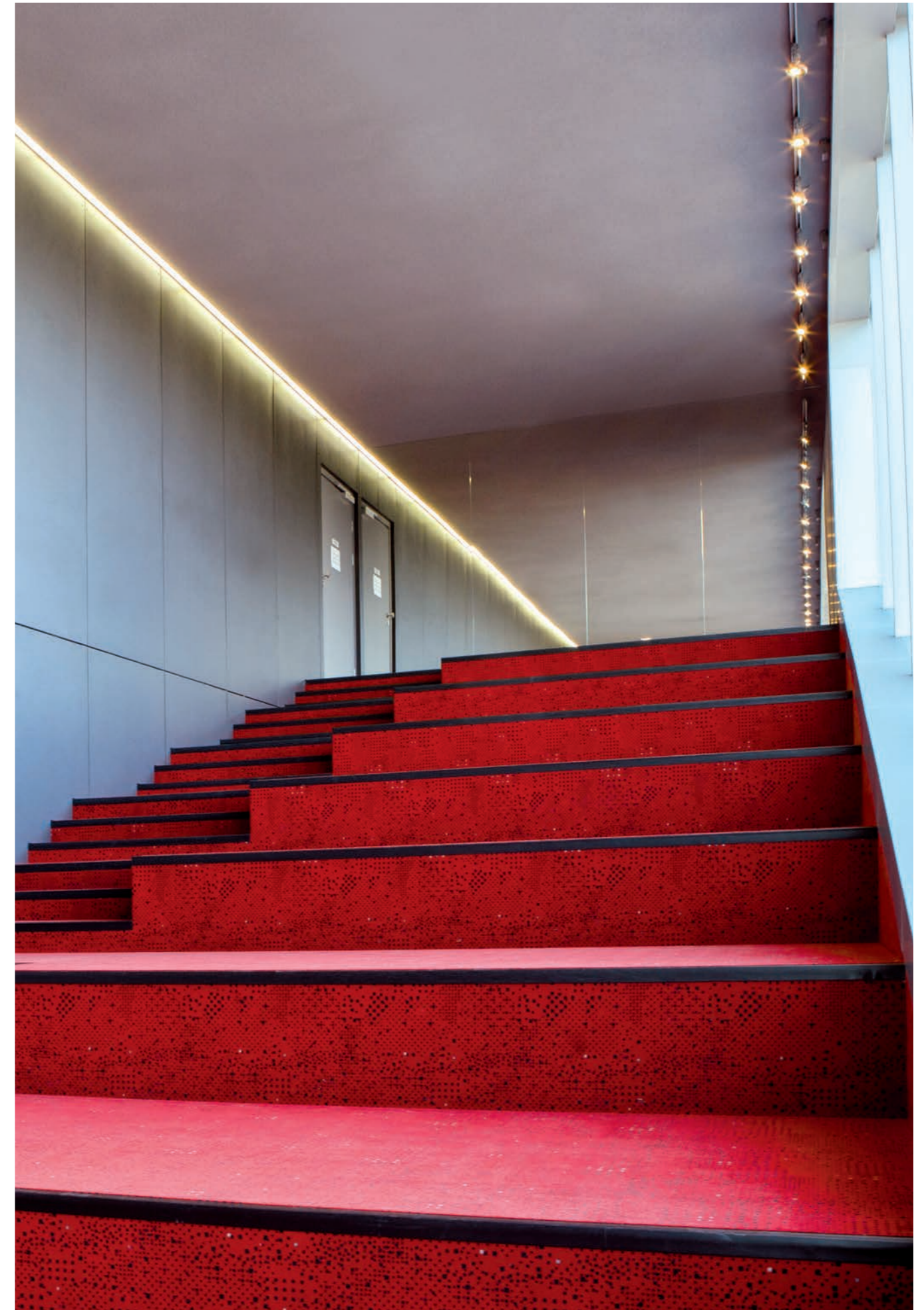
* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. externer Vorschaltgeräte.
 *** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zewnętrzny zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Gdyńska Szkoła Filmowa, Poland, ARCHDECO

H27

Profiles System



H27 - Paintings with light.

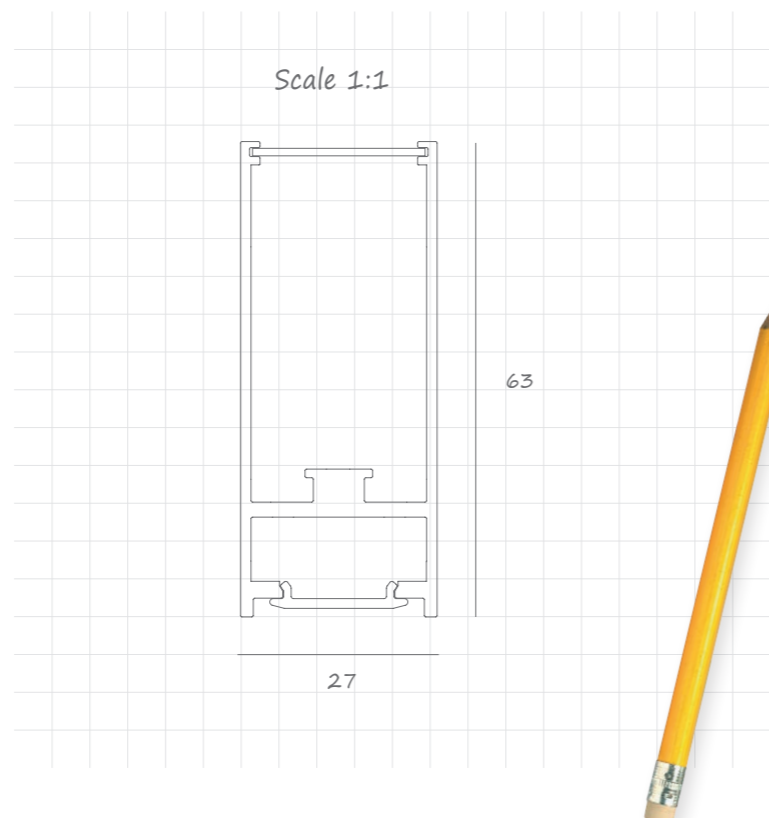
The minimalistic form of H27 meanders like a river on search of a waterfall. Any shapes painted by you may create atmosphere with M-Chili sources or just light up the space with a satin glow. Still, there is more to it... There is a haven by the re-scaled G-box allowing you to take a breather in the radiant light exposure.

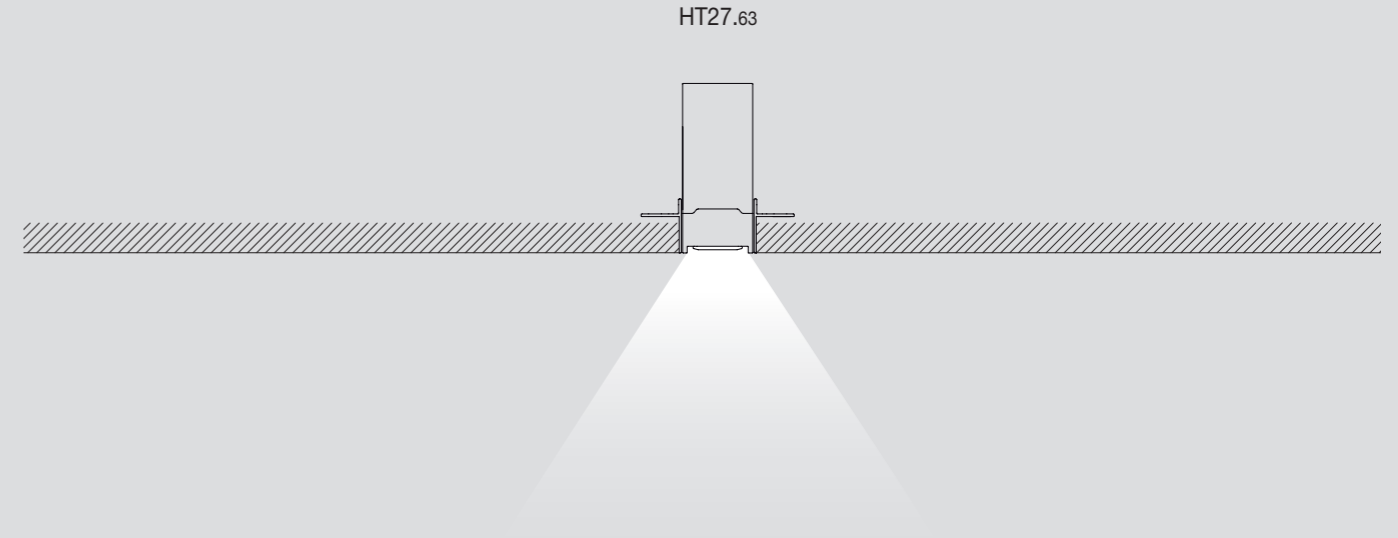
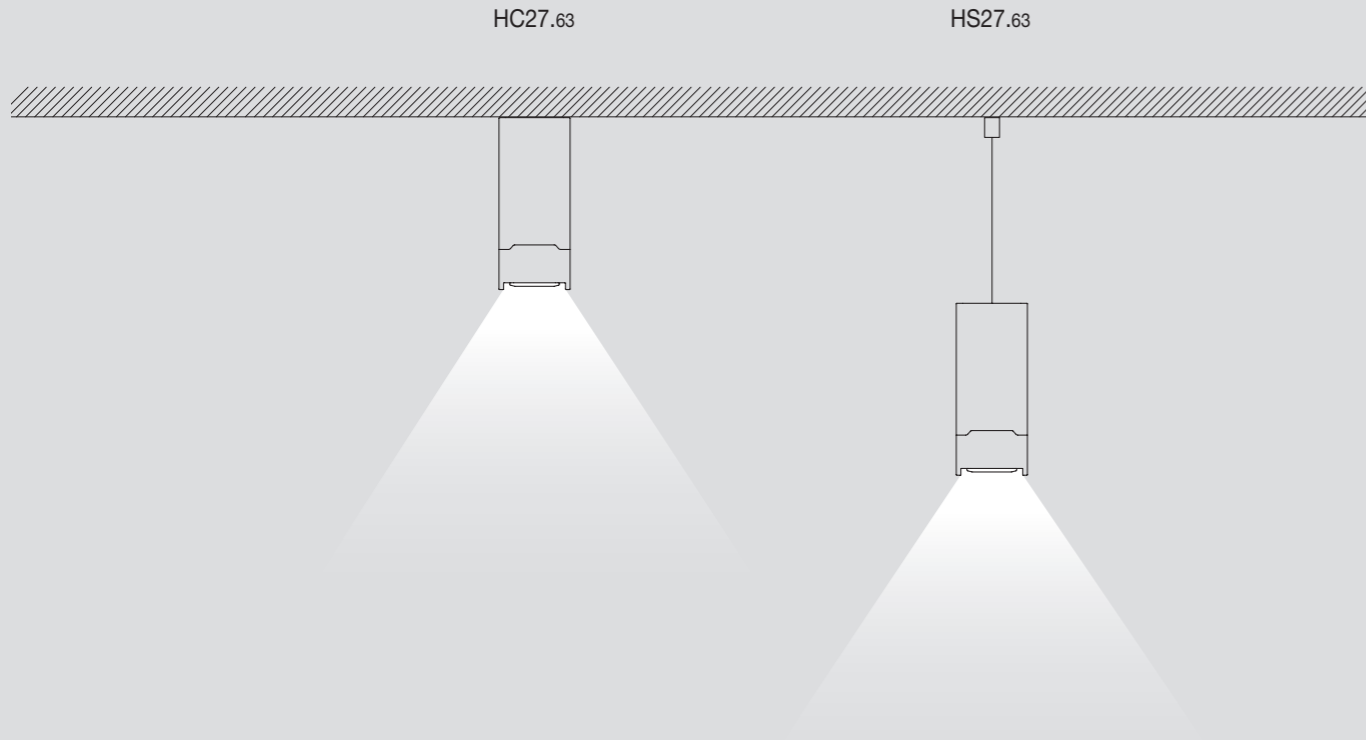
H27 - Malen mit Licht.

Die minimalistische Form von H27 windet sich wie ein Fluss auf der Suche nach einem Wasserfall. Alle Formen, die mit deiner Hand gemalt werden, können mit M-Chili-Quellen für Stimmung sorgen oder einfach durch den Satin-Glitter erhellen. Das ist aber nicht alles. Es gibt auch eine Marina in der skalierten G-Box, die Sie zwingt, bei der austretenden Lichteinwirkung eine Pause einzulegen.

H27 - Malowanie światłem.

Minimalistyczna forma H27 wije się jak rzeka szukająca wodospadu. Dowolne kształty malowane twoją ręką, mogą zbudować nastrój źródłami M-Chili lub po prostu oświetlić satynowym blaskiem. Ale to nie wszystko. Jest i przystań w przeskalowanym G-Box zmuszającym do chwili wytchnienia, przy emanującej ekspozycji świetlnej.

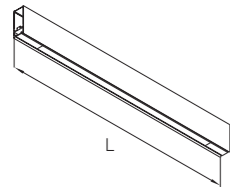




Version	Ceiling Anbau Nabudowany page 84	Suspended Abgependelt Zwieszany page 88
Type	linear G-BOX M-CHILI connectors	linear G-BOX M-CHILI connectors
Diffuser	satine	satine
Light output	LED CC HE LED CC HO	up to 950 lm/m up to 1905lm/m
	LED CV HE LED CV HO	up to 415 lm/m up to 805 lm/m
	Power LED	up to 111 lm/pc.
	Multichip LED	up to 615 lm/pc.
CCT	3000K / 4000K	3000K / 4000K
CRI	>80	>80
Control	on/off, DALI	on/off, DALI
Finishing	● ● ●	● ● ●

Version	Trimless Einbau Rahmenlos Wbudowany bezramkowy page 94	
Type	linear G-BOX M-CHILI connectors	
Diffuser	satine	
Light output	LED CC HE LED CC HO	up to 950 lm/m up to 1905lm/m
	LED CV HE LED CV HO	up to 415 lm/m up to 805 lm/m
	Power LED	up to 111 lm/pc.
	Multichip LED	up to 615 lm/pc.
CCT	3000K / 4000K	
CRI	>80	
Control	on/off, DALI	
Finishing	● ● ●	

Linear modules



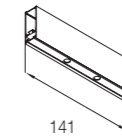
Available lengths:

- 993mm - 2409mm (set)
- 708mm - 2403mm (marginal)
- 705mm - 2397mm (middle)

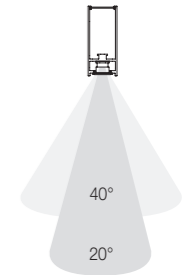
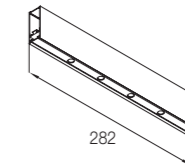
Customized lengths on demand.

M-CHILI modules

M-CHILI S

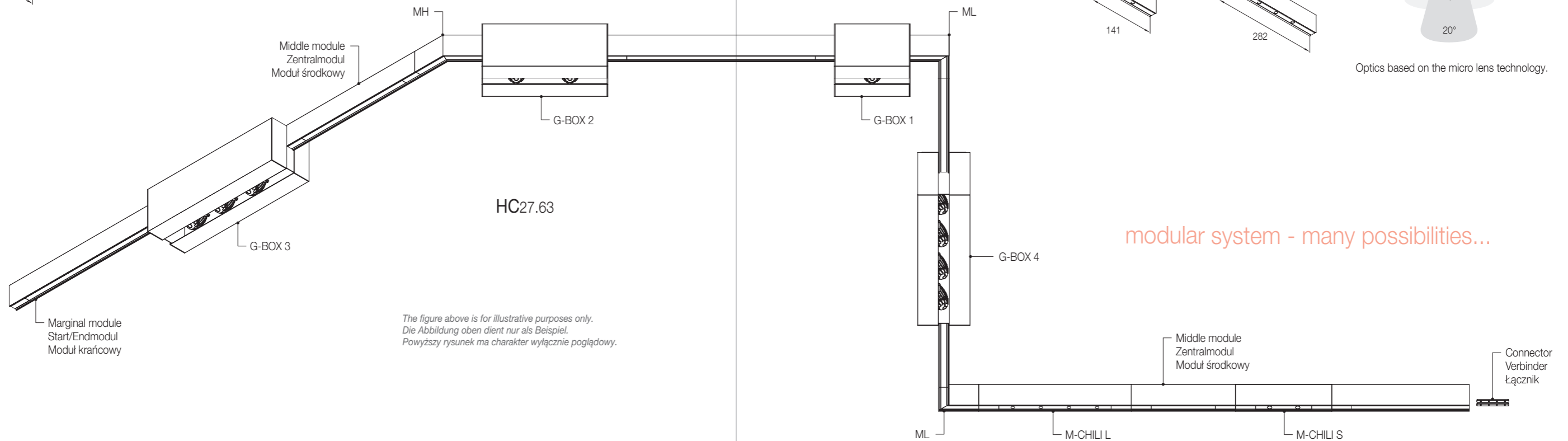


M-CHILI L



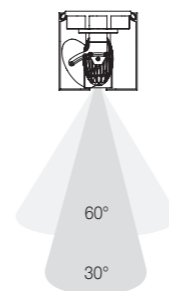
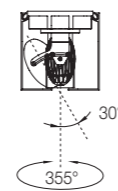
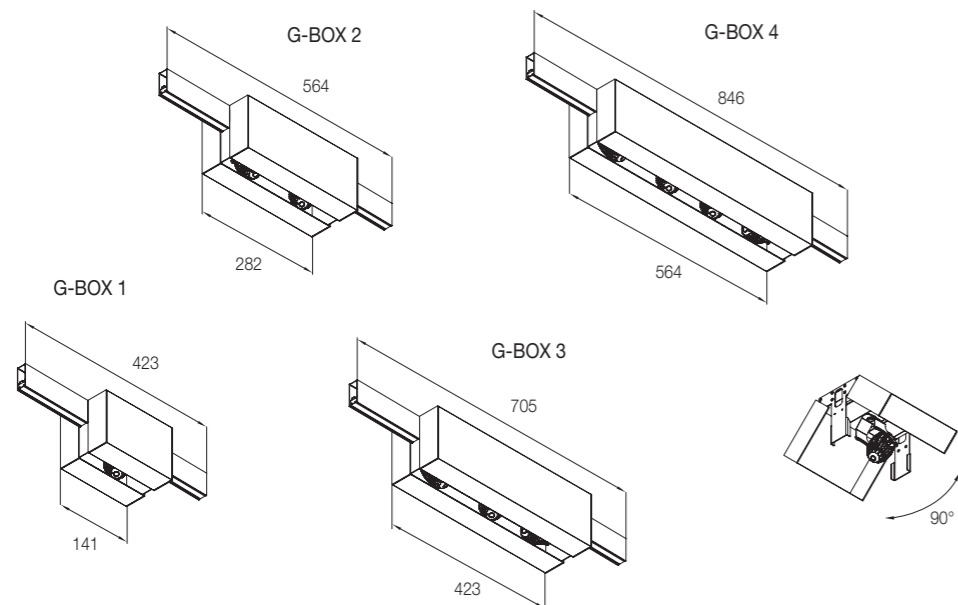
Optics based on the micro lens technology.

modular system - many possibilities...



The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

G-BOX modules



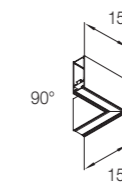
System by **Bartenbach**
LFO optic

Connectors modules

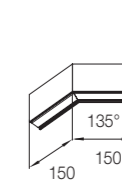
MI



ML



MH



All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

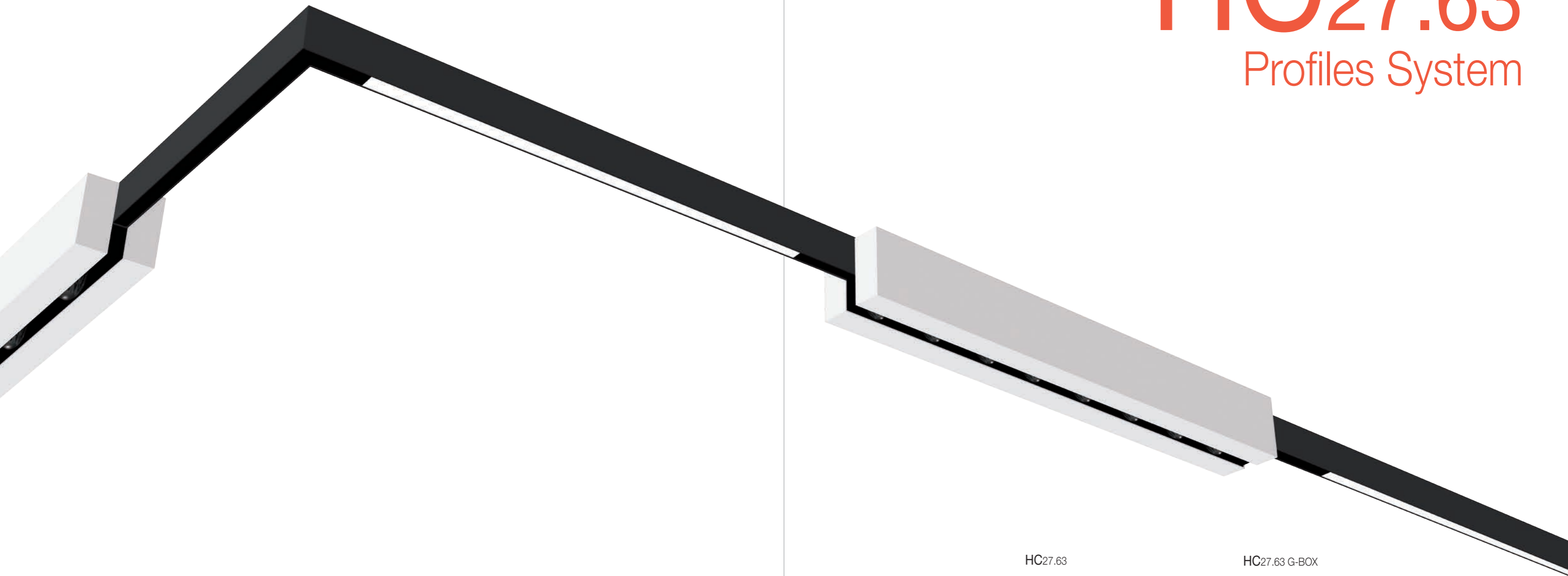
Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



HC27.63

Profiles System



Typology:
Surface mounted aluminium profiles
with direct light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine

Feeding:
230V/50Hz, I class protection.

Typologie:
Aufbauprofil direkt strahlend.

Material und Ausführung:
Aluminium lackiert in weiß/schwarz/RAL9006.

Abdeckung:
satine

Einspeisung:
230V/50Hz, I Schutzklasse.

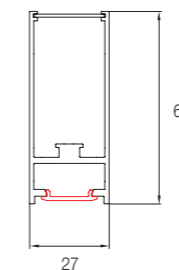
Typologia:
Nabudowany, aluminiowy profil świecący światłem
bezpośrednim.

Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.

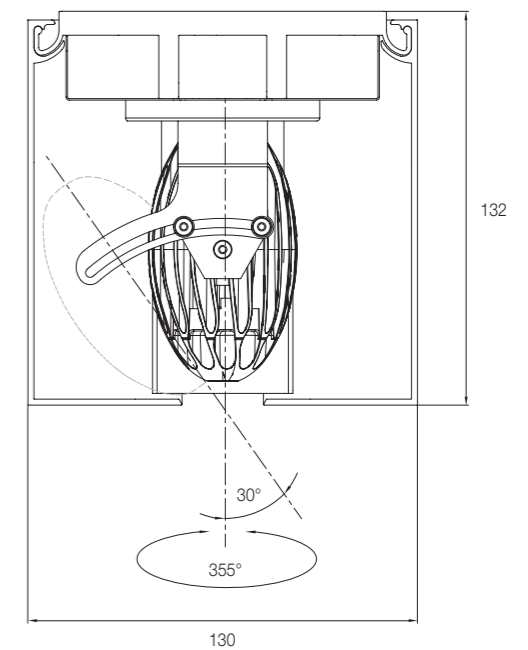
Dyfuzor:
satyna

Zasilanie:
230V/50Hz, I klasa ochronności.







HC27.63



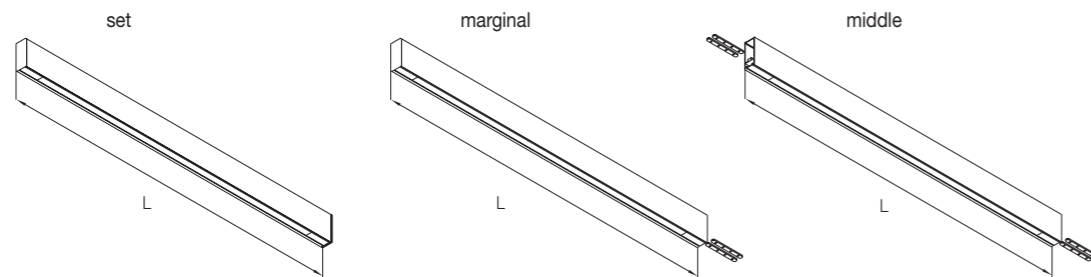
HC27.63 G-BOX



Linear

						
	length	length	length	power	satine	code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	6W	510 535lm	2 900b 4d1f 01/23j
	—	990mm	987mm	9.1W	765 805lm	2 900b 4d1f 02/23j
	1275mm	1272mm	1269mm	12.1W	1020 1075lm	2 900b 4d1f 03/23j
	1839mm	1836mm	1833mm	18.1W	1530 1610lm	2 900b 4d1f 04/23j
	2403mm	2400mm	2397mm	24.2W	2040 2145lm	2 900b 4d1f 05/23j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	12.1W	1020 1075lm	2 900b 4d2f 01/23j
	—	990mm	987mm	18.1W	1530 1610lm	2 900b 4d2f 02/23j
	1275mm	1272mm	1269mm	24.2W	2040 2145lm	2 900b 4d2f 03/23j
	1839mm	1836mm	1833mm	36.3W	3060 3220lm	2 900b 4d2f 04/23j
	2403mm	2400mm	2397mm	48.4W	4080 4295lm	2 900b 4d2f 05/23j
Version with LED CV** high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	3.2W	230 235lm	2 900b 454f 01/23j
	—	990mm	987mm	4.8W	345 350lm	2 900b 454f 02/23j
	1275mm	1272mm	1269mm	6.5W	455 465lm	2 900b 454f 03/23j
	1839mm	1836mm	1833mm	9.7W	685 700lm	2 900b 454f 04/23j
	2403mm	2400mm	2397mm	12.9W	915 933lm	2 900b 454f 05/23j
Version with LED CV** high output (HO)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	6.5W	430 455lm	2 900b 455f 01/23j
	—	990mm	987mm	9.7W	645 680lm	2 900b 455f 02/23j
	1275mm	1272mm	1269mm	12.9W	860 905lm	2 900b 455f 03/23j
	1839mm	1836mm	1833mm	19.4W	1295 1360lm	2 900b 455f 04/23j
	2403mm	2400mm	2397mm	25.8W	1725 1815lm	2 900b 455f 05/23j

Minimum length of the system: 1346mm.



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI***	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
 ** LED modules supplied with Constant Voltage, driver included.
 *** Available option only for LED CC, Power LED and Multichip LED.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen, Power LED und Multichip LED erhältlich.







* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC, Power LED i Multichip LED.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

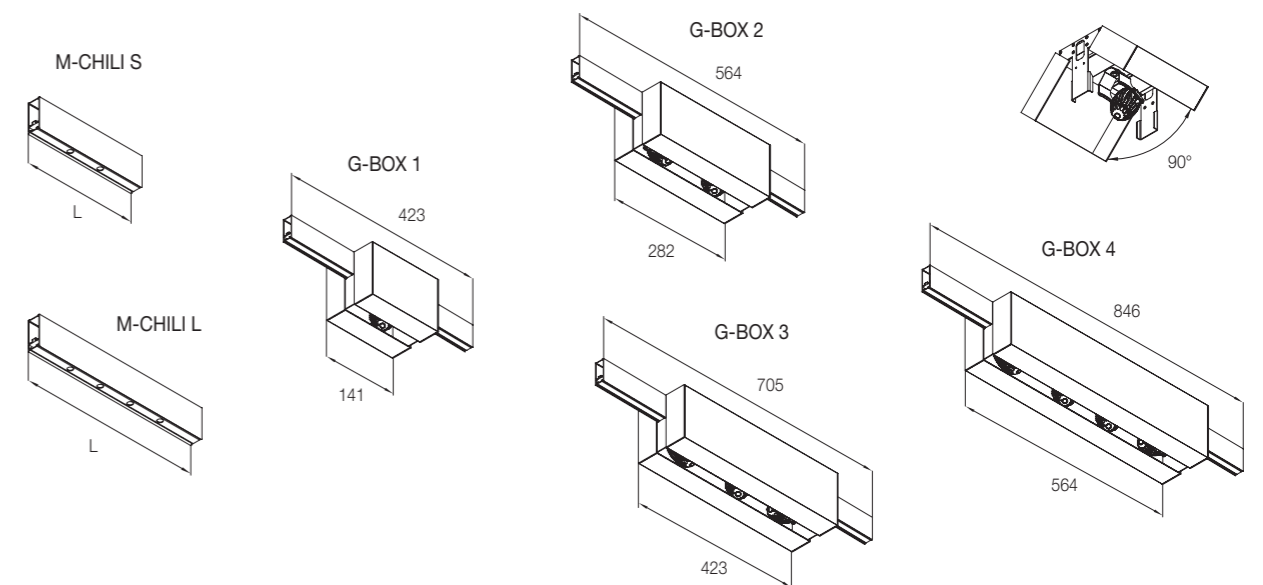
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.


Spots

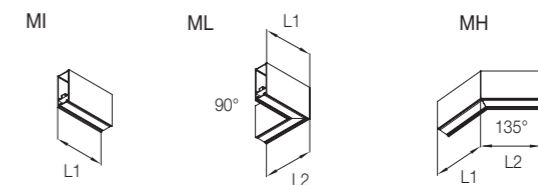
						
	length	length	power	micro/BB lens	beam angle	code
M-CHILI	marginal	middle	3000 4000K			
	M-CHILI S	144mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40° 2 901b 4d9f 01/h0j
	M-CHILI L	285mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40° 2 901b 4d9f 02/h0j
G-BOX	marginal	middle	3000 4000K			
	G-BOX 1	426mm	423mm	9.5W (1xMultichip LED)	540-585 565-615lm	30°, 60° 2 90G2 4dMf 01/h0j
	G-BOX 2	567mm	564mm	19W (2xMultichip LED)	1080-1170 1134-1230lm	30°, 60° 2 90G2 4dMf 02/h0j
	G-BOX 3	708mm	705mm	28.5W (3xMultichip LED)	1620-1755 1700-1845lm	30°, 60° 2 90G2 4dMf 03/h0j
	G-BOX 4	849mm	846mm	38W (4xMultichip LED)	2160-2340 2265-2455lm	30°, 60° 2 90G2 4dMf 04/h0j

Minimum length of the system: 1346mm.



Connectors

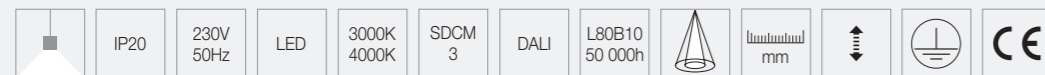
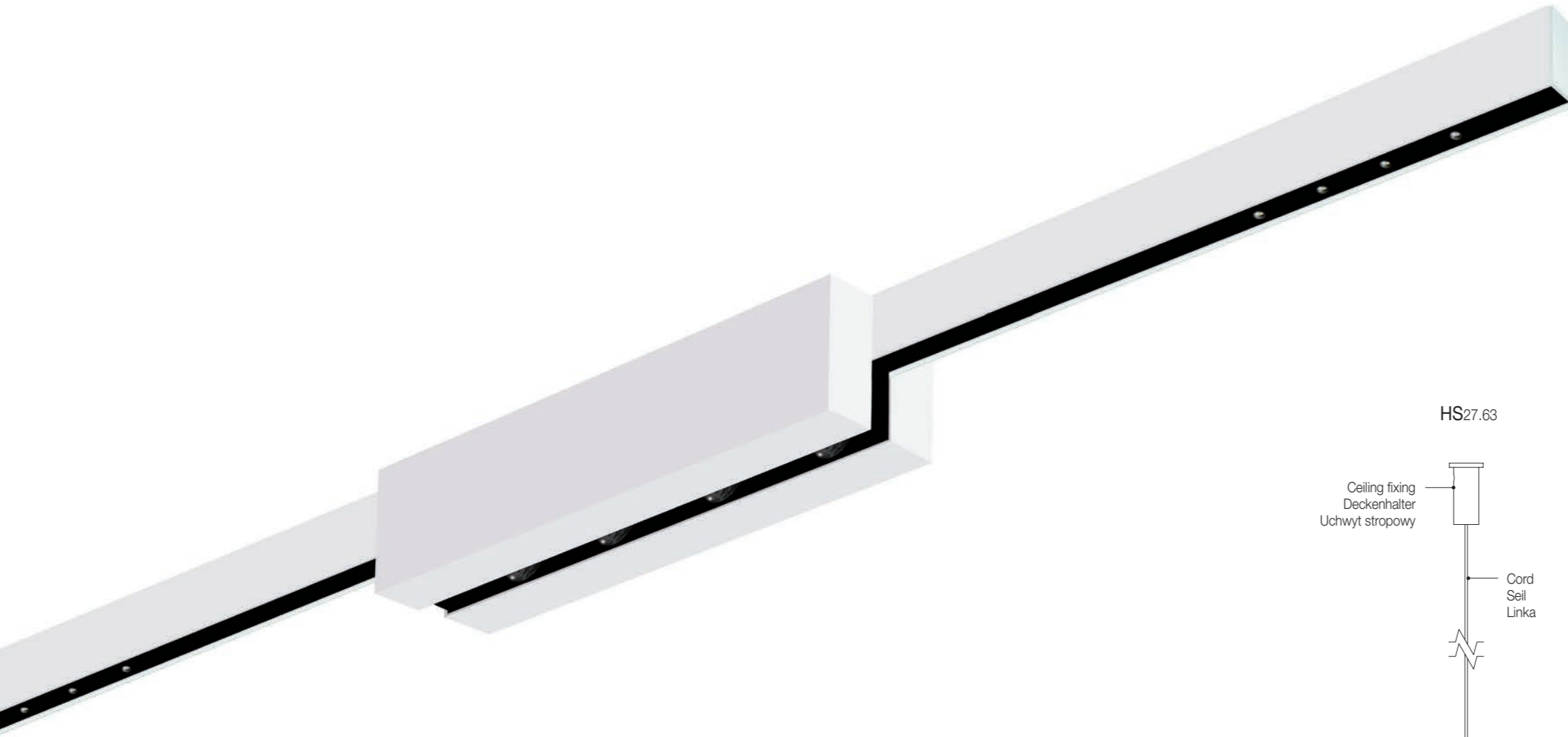
		
	dimensions	code
Profile with cover (without light source)	L1 x L2	
MI 1	141mm	2 9082 400f 01/000
MI 2	282mm	2 9082 400f 02/000
MI 3	564mm	2 9082 400f 03/000
ML	150x150mm	2 9032 400f 00/000
MH	150x150mm	2 9052 400f 00/000



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI***	4	RAL9006	3	20° / 40°	5	3000K	WW
middle	2	on/off	5	white	4	30° / 60°	6	4000K	W
				black	5				

HS27.63

Profiles System



Typology:
Suspended mounted aluminium profiles with direct light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine

Feeding:
230V/50Hz, I class protection.

Typologie:
Abgependelte Aluminium Profile direkt strahlend.

Material und Ausführung:
Aluminium lackiert in weiß/schwarz/RAL9006.

Abdeckung:
satine

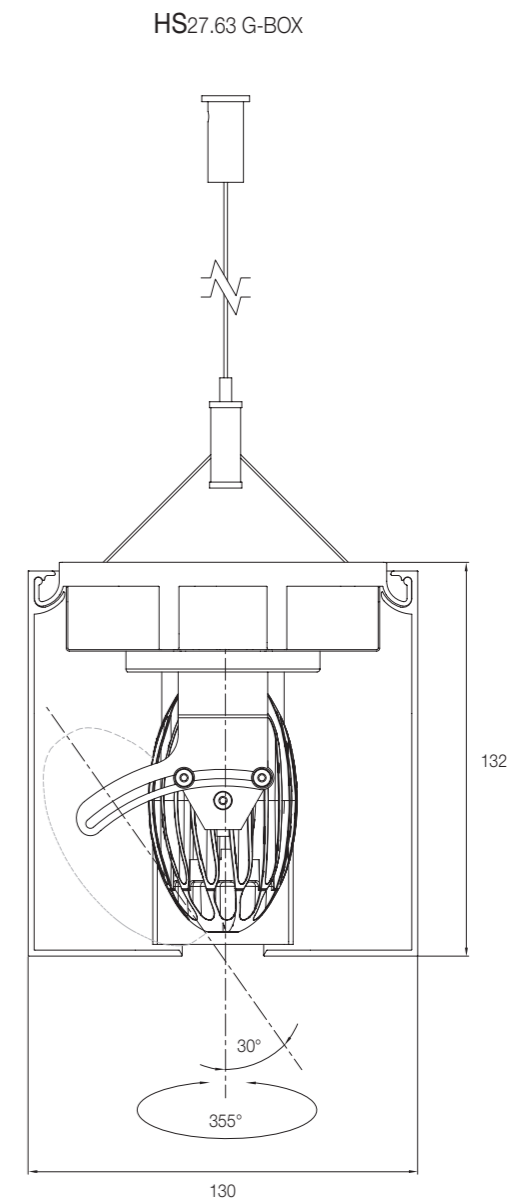
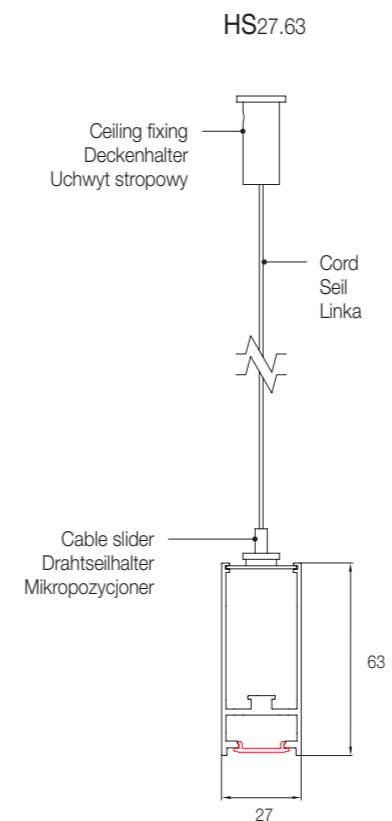
Einspeisung:
230V/50Hz, I Schutzklasse.

Typologia:
Zwieszany, aluminiowy profil świecący światłem bezpośrednim.







Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.

Dyfuzor:
satyna

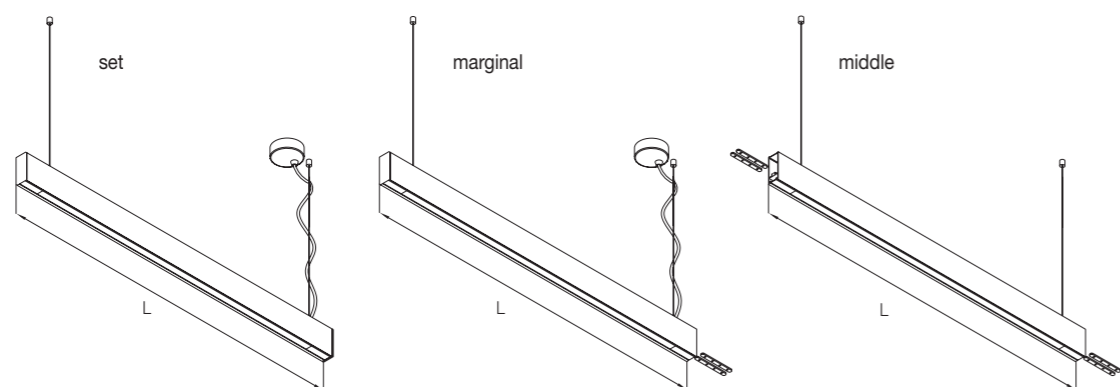
Zasilanie:
230V/50Hz, I klasa ochronności.



Linear

	 length	 length	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	6W	510 535lm	2 910b 0d1f 01/23j
	—	990mm	987mm	9.1W	765 805lm	2 910b 0d1f 02/23j
	1275mm	1272mm	1269mm	12.1W	1020 1075lm	2 910b 0d1f 03/23j
	1839mm	1836mm	1833mm	18.1W	1530 1610lm	2 910b 0d1f 04/23j
	2403mm	2400mm	2397mm	24.2W	2040 2145lm	2 910b 0d1f 05/23j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	12.1W	1020 1075lm	2 910b 0d2f 01/23j
	—	990mm	987mm	18.1W	1530 1610lm	2 910b 0d2f 02/23j
	1275mm	1272mm	1269mm	24.2W	2040 2145lm	2 910b 0d2f 03/23j
	1839mm	1836mm	1833mm	36.3W	3060 3220lm	2 910b 0d2f 04/23j
	2403mm	2400mm	2397mm	48.4W	4080 4295lm	2 910b 0d2f 05/23j
Version with LED CV** high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	3.2W	230 235lm	2 910b 054f 01/23j
	—	990mm	987mm	4.8W	345 350lm	2 910b 054f 02/23j
	1275mm	1272mm	1269mm	6.5W	455 465lm	2 910b 054f 03/23j
	1839mm	1836mm	1833mm	9.7W	685 700lm	2 910b 054f 04/23j
	2403mm	2400mm	2397mm	12.9W	915 933lm	2 910b 054f 05/23j
Version with LED CV** high output (HO)	set	marginal	middle	3000 4000K		
	—	708mm	705mm	6.5W	430 455lm	2 910b 055f 01/23j
	—	990mm	987mm	9.7W	645 680lm	2 910b 055f 02/23j
	1275mm	1272mm	1269mm	12.9W	860 905lm	2 910b 055f 03/23j
	1839mm	1836mm	1833mm	19.4W	1295 1360lm	2 910b 055f 04/23j
	2403mm	2400mm	2397mm	25.8W	1725 1815lm	2 910b 055f 05/23j

Minimum length of the system: 1346mm.



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI***	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
** LED modules supplied with Constant Voltage, driver included.
*** Available option only for LED CC, Power LED and Multichip LED.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** LED Platinen mit konstanter Spannung, inkl. Vorschaltgeräte.
*** Die Option ist nur für LED CC Platinen, Power LED und Multichip LED erhältlich.







* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Moduły LED zasilane stałonapięciowo, zasilacz w komplecie.
*** Dostępna opcja tylko dla modułów LED CC, Power LED i Multichip LED.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

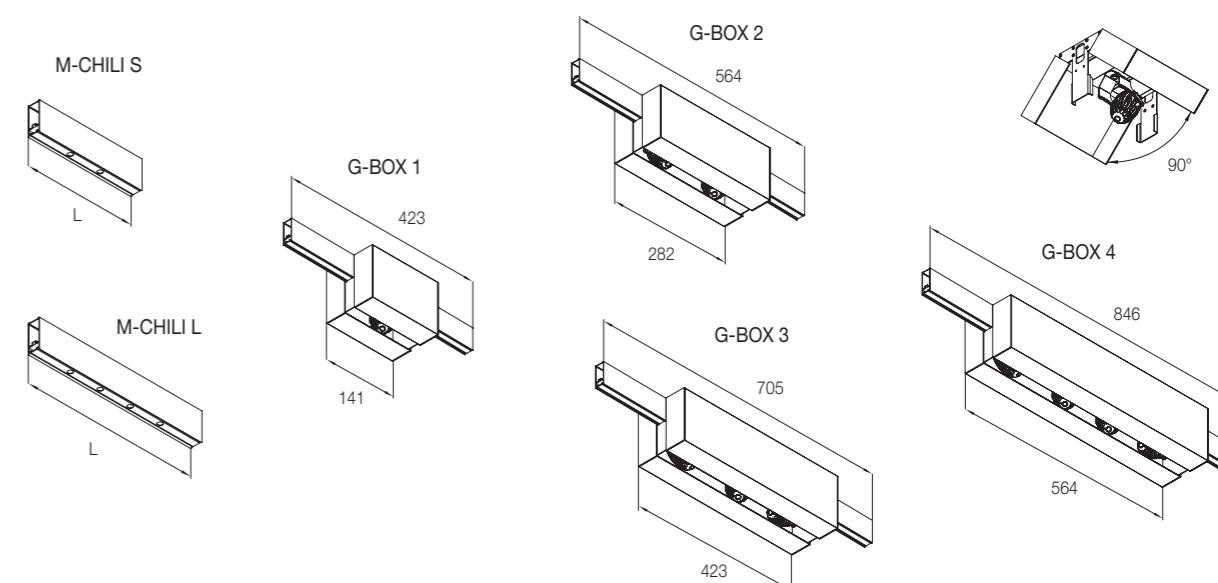
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Spots

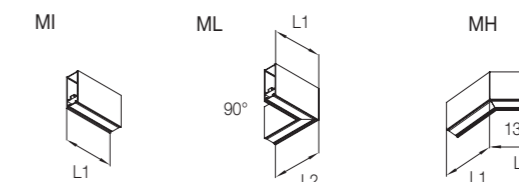
	 length	 length	 power	 micro/BB lens	 beam angle	 code
M-CHILI	marginal	middle	3000 4000K			
	M-CHILI S	144mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40° 2 911b 0d9f 01/h0j
	M-CHILI L	285mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40° 2 911b 0d9f 02/h0j
G-BOX	marginal	middle	3000 4000K			
	G-BOX 1	426mm	423mm	9.5W (1xMultichip LED)	540-585 565-615lm	30°, 60° 2 91G2 0dMf 01/h0j
	G-BOX 2	567mm	564mm	19W (2xMultichip LED)	1080-1170 1134-1230lm	30°, 60° 2 91G2 0dMf 02/h0j
	G-BOX 3	708mm	705mm	28.5W (3xMultichip LED)	1620-1755 1700-1845lm	30°, 60° 2 91G2 0dMf 03/h0j
	G-BOX 4	849mm	846mm	38W (4xMultichip LED)	2160-2340 2265-2455lm	30°, 60° 2 91G2 0dMf 04/h0j

Minimum length of the system: 1346mm.



Connectors

	 dimensions	 code
Profile with cover (without light source)	L1 x L2	
MI 1	141mm	2 9182 000f 01/000
MI 2	282mm	2 9182 000f 02/000
MI 3	564mm	2 9182 000f 03/000
ML	150x150mm	2 9132 000f 00/000
MH	150x150mm	2 9152 000f 00/000

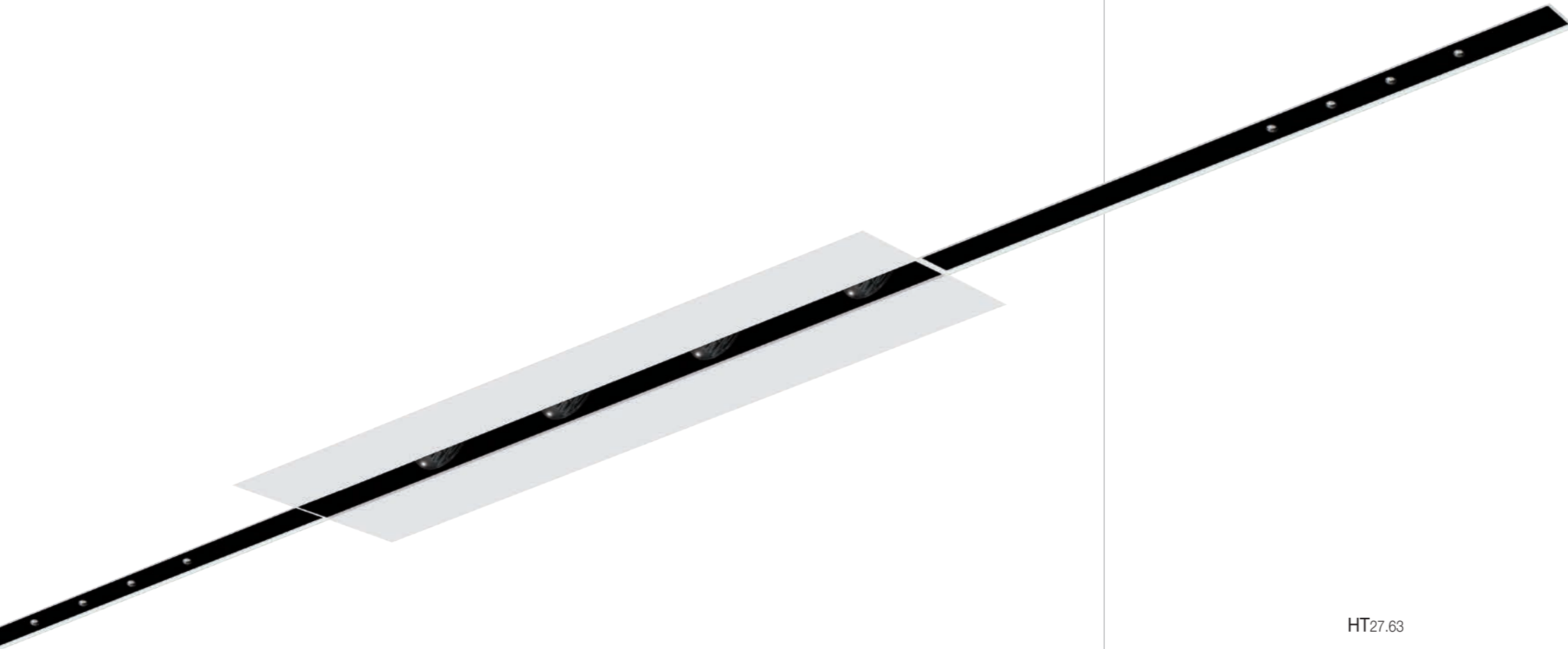


Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI***	4	RAL9006	3	20° / 40°	5	3000K	WW
middle	2	on/off	5	white	4	30° / 60°	6	4000K	W
				black	5				



HT27.63

Profiles System



Typology:
Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine

Feeding:
230V/50Hz, I class protection.

Typologie:
Einbauprofil I rahmenlos direkt strahlend.

Material und Ausführung:
Aluminium lackiert in weiß/schwarz/RAL9006.

Abdeckung:
satine

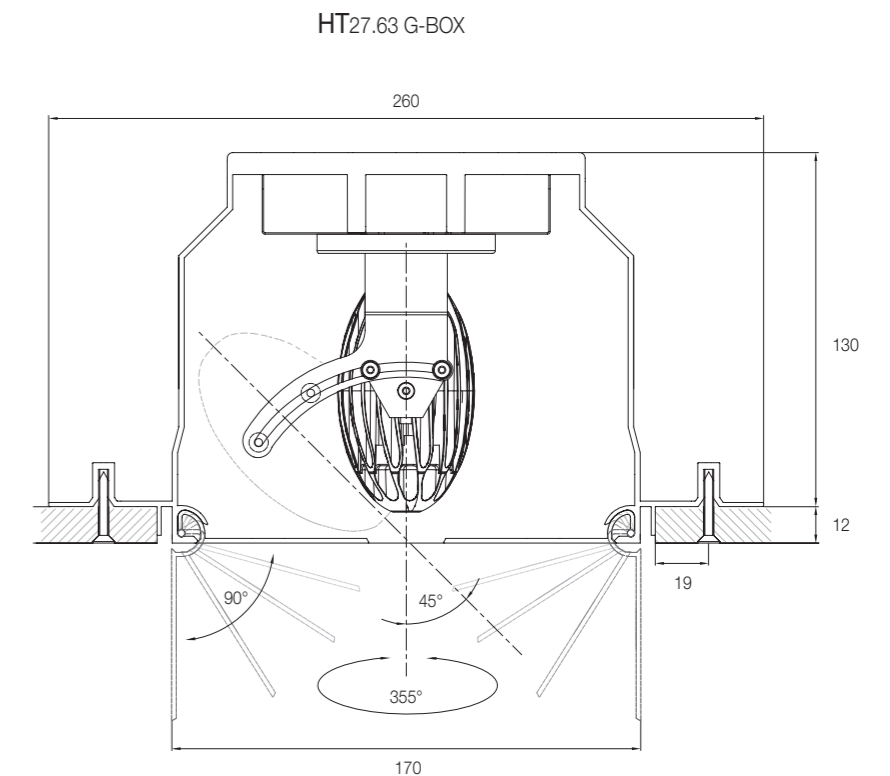
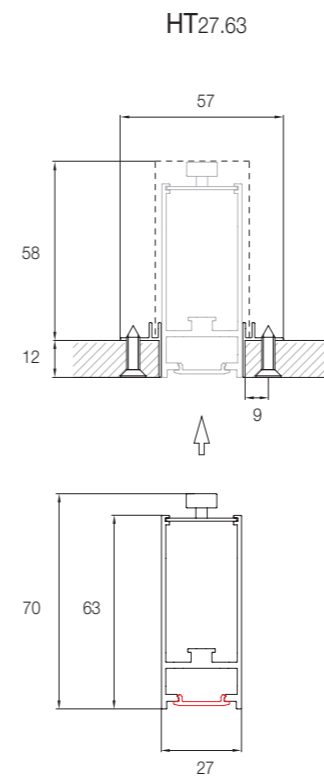
Einspeisung:
230V/50Hz, I Schutzklasse.

Typologia:
Wbudowany (bezkramkowy), aluminiowy profil świecący światłem bezpośrednim.







Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.

Dyfuzor:
satyna

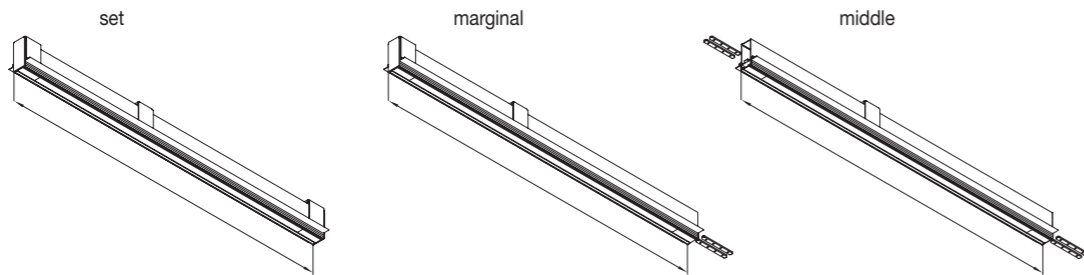
Zasilanie:
230V/50Hz, I klasa ochronności.



Linear

						
	length	length	length	power	satine	code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	711mm	705mm	6W	510 535lm	2 930b 2d1f 01/23j
	—	993mm	987mm	9.1W	765 805lm	2 930b 2d1f 02/23j
	1281mm	1275mm	1269mm	12.1W	1020 1075lm	2 930b 2d1f 03/23j
	1845mm	1839mm	1833mm	18.1W	1530 1610lm	2 930b 2d1f 04/23j
	2409mm	2403mm	2397mm	24.2W	2040 2145lm	2 930b 2d1f 05/23j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	711mm	705mm	12.1W	1020 1075lm	2 930b 2d2f 01/23j
	—	993mm	987mm	18.1W	1530 1610lm	2 930b 2d2f 02/23j
	1281mm	1275mm	1269mm	24.2W	2040 2145lm	2 930b 2d2f 03/23j
	1845mm	1839mm	1833mm	36.3W	3060 3220lm	2 930b 2d2f 04/23j
	2409mm	2403mm	2397mm	48.4W	4080 4295lm	2 930b 2d2f 05/23j
Version with LED CV** high effi cacy (HE)	set	marginal	middle	3000 4000K		
	—	711mm	705mm	3.2W	230 235lm	2 930b 254f 01/23j
	—	993mm	987mm	4.8W	345 350lm	2 930b 254f 02/23j
	1281mm	1275mm	1269mm	6.5W	455 465lm	2 930b 254f 03/23j
	1845mm	1839mm	1833mm	9.7W	685 700lm	2 930b 254f 04/23j
	2409mm	2403mm	2397mm	12.9W	915 933lm	2 930b 254f 05/23j
Version with LED CV** high output (HO)	set	marginal	middle	3000 4000K		
	—	711mm	705mm	6.5W	430 455lm	2 930b 255f 01/23j
	—	993mm	987mm	9.7W	645 680lm	2 930b 255f 02/23j
	1281mm	1275mm	1269mm	12.9W	860 905lm	2 930b 255f 03/23j
	1845mm	1839mm	1833mm	19.4W	1295 1360lm	2 930b 255f 04/23j
	2409mm	2403mm	2397mm	25.8W	1725 1815lm	2 930b 255f 05/23j

Minimum length of the system: 1350mm.
 set (L+2mm) x 30mm
 marginal (L+1mm) x 30mm
 middle L x 30mm
 Hmin = 100mm



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI***	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
 ** LED modules supplied with Constant Voltage, driver included.
 *** Available option only for LED CC, Power LED and Multichip LED.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
 ** LED Platinen mit konstanter Spannung, inkl. Vorschaltgeräte.
 *** Die Option ist nur für LED CC Platinen, Power LED und Multichip LED erhältlich.







* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
 ** Moduły LED zasilane stałonapięciowo, zasilacz w komplecie.
 *** Dostępna opcja tylko dla modułów LED CC, Power LED i Multichip LED.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

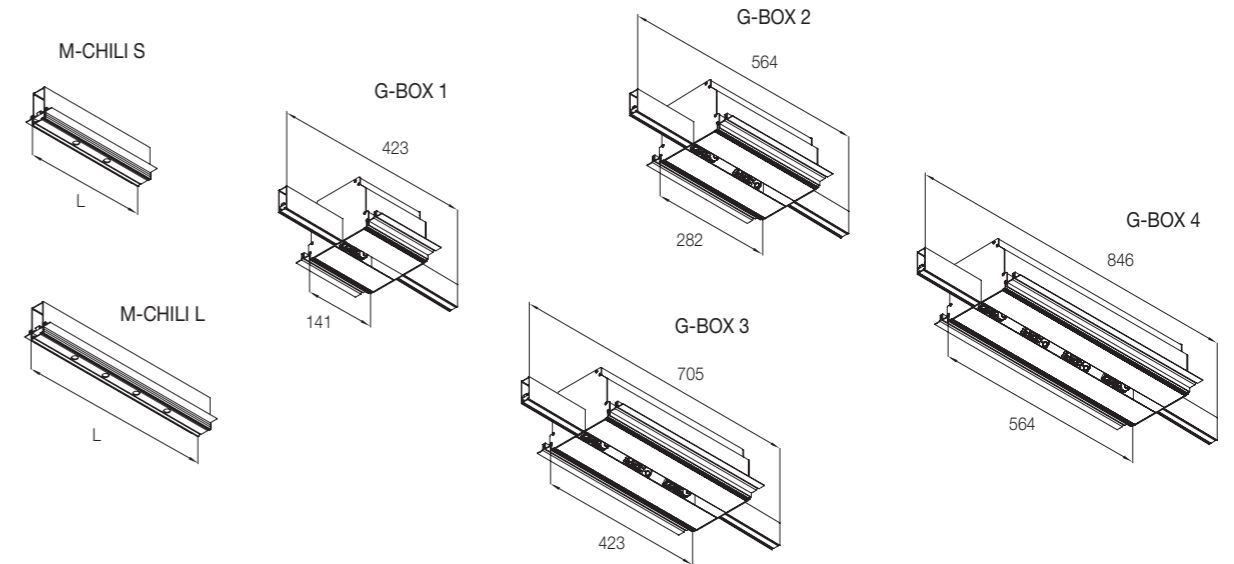
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich

AKTUALNE PARAMETRY ŹRÓDEł LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Spots

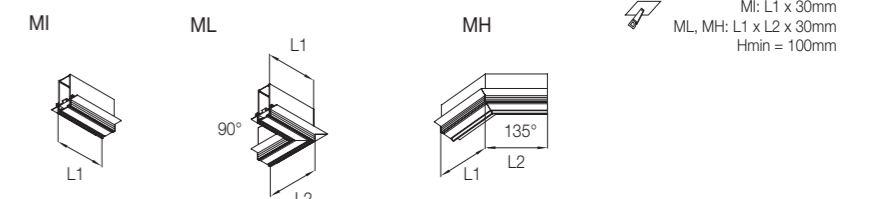
						
	length	length	power	micro/BB lens	beam angle	code
M-CHILI	marginal	middle	3000 4000K			
	M-CHILI S	147mm	141mm	2.2W (2xPower LED)	185-200 210-225lm	20°, 40° 2 931b 2d9f 01/h0j
	M-CHILI L	288mm	282mm	4.4W (4xPower LED)	375-400 420-445lm	20°, 40° 2 931b 2d9f 02/h0j
G-BOX	marginal	middle	3000 4000K			
	G-BOX 1	429mm	423mm	9.5W (1xMultichip LED)	540-585 565-615lm	30°, 60° 2 93G2 2dMf 01/h0j
	G-BOX 2	570mm	564mm	19W (2xMultichip LED)	1080-1170 1134-1230lm	30°, 60° 2 93G2 2dMf 02/h0j
	G-BOX 3	711mm	705mm	28.5W (3xMultichip LED)	1620-1755 1700-1845lm	30°, 60° 2 93G2 2dMf 03/h0j
	G-BOX 4	852mm	846mm	38W (4xMultichip LED)	2160-2340 2265-2455lm	30°, 60° 2 93G2 2dMf 04/h0j

Minimum length of the system: 1350mm.
 M-CHILI marginal (L+1mm) x 30mm x 100mm (Hmin)
 M-CHILI middle L x 30mm x 100mm (Hmin)
 G-BOX L x 182mm x 170mm (Hmin)



Connectors

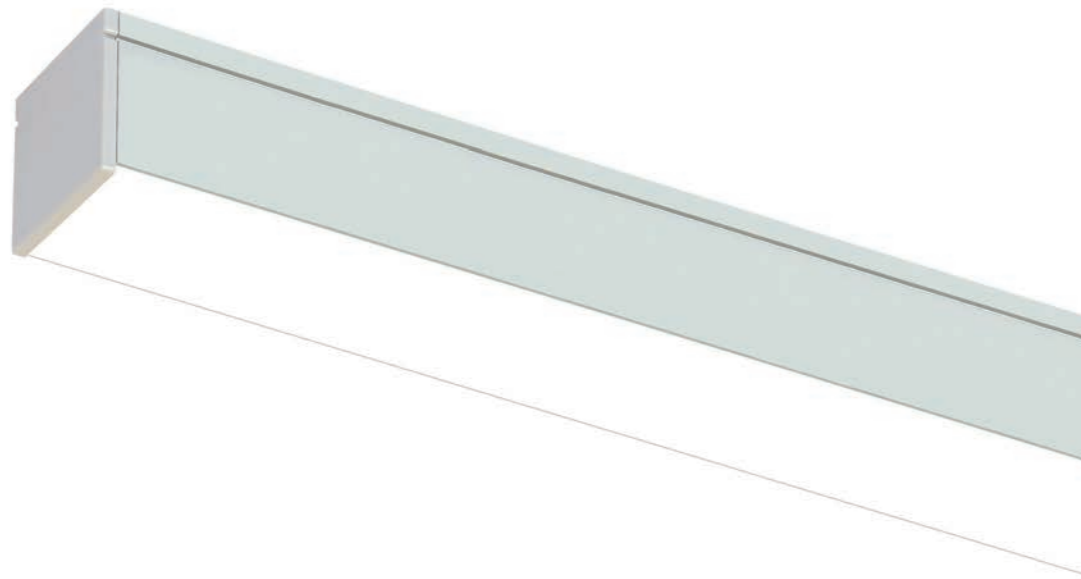
		
	dimensions	code
Profile with cover (without light source)	L1 x L2	
MI 1	141mm	2 9382 200f 01/000
MI 2	282mm	2 9382 200f 02/000
MI 3	564mm	2 9382 200f 03/000
ML	150x150mm	2 9332 200f 00/000
MH	150x150mm	2 9352 200f 00/000



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI***	4	RAL9006	3	20° / 40°	5	3000K	WW
middle	2	on/off	5	white black	4 5	30° / 60°	6	4000K	W

U32

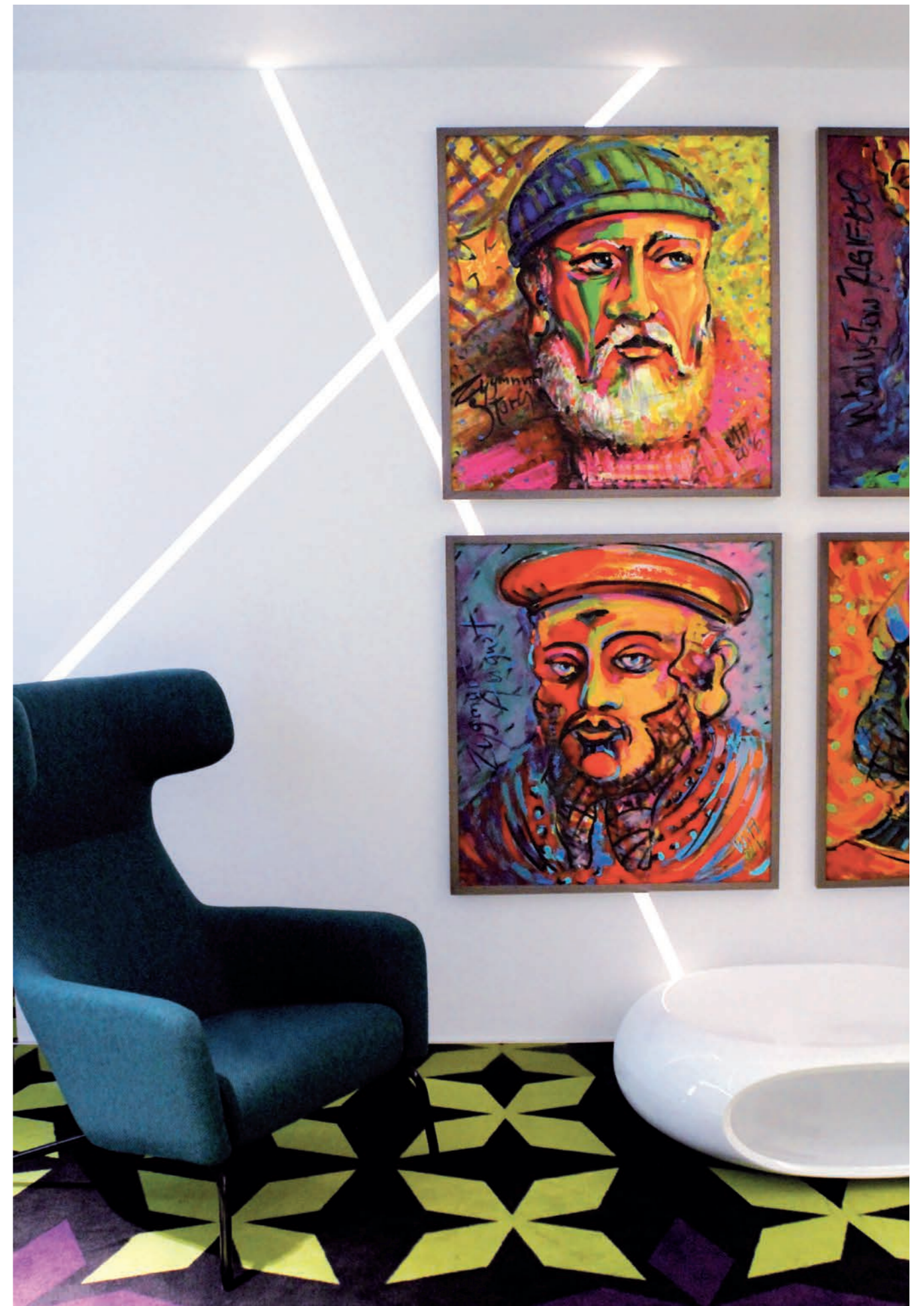
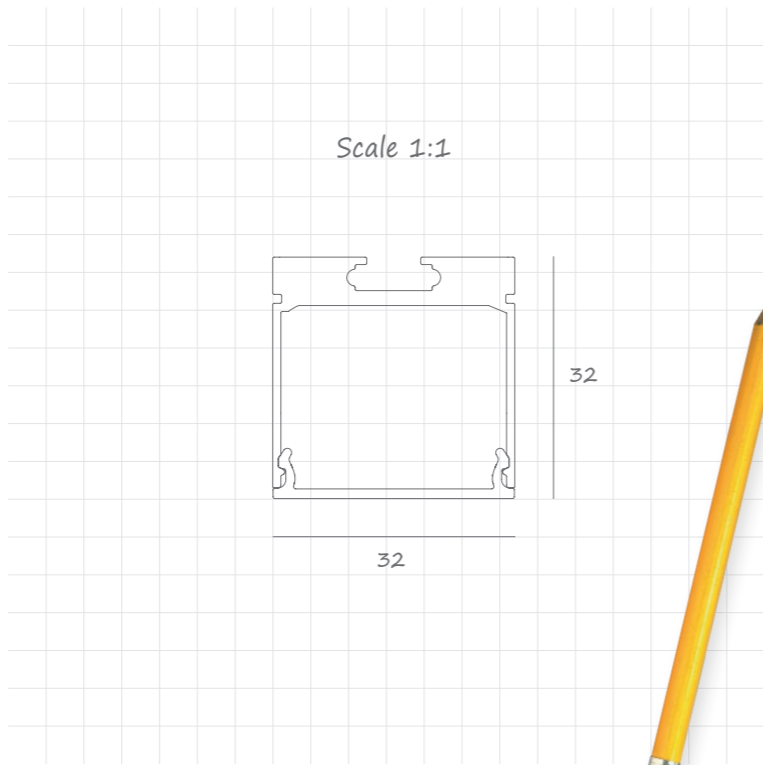
Profiles System

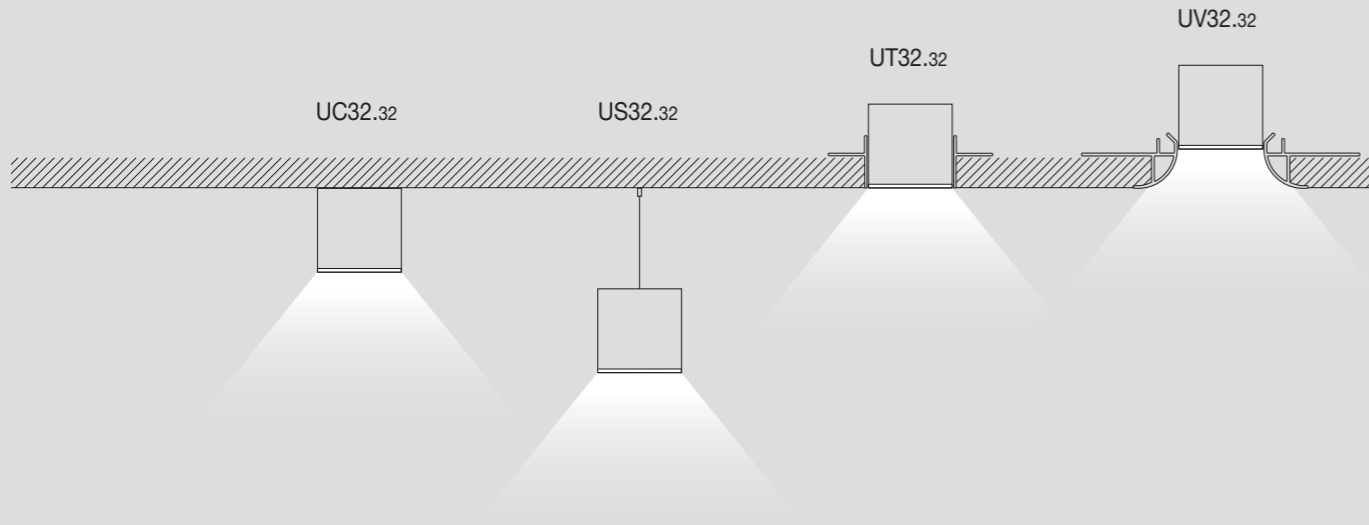


Medium-size profiles. Available in attached, suspended and embedded versions, with frameless, slightly recessed, deeply retracted, and asymmetrical options. The profiles from this group offer minimalist shapes and more visible light lines.

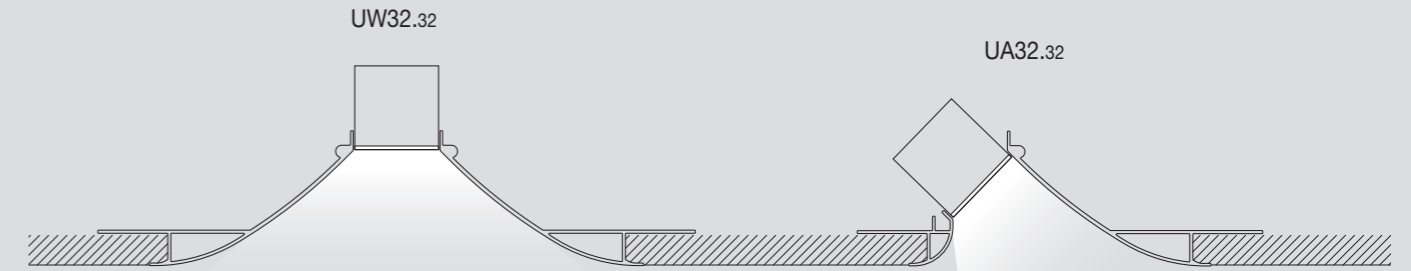
Mittelgroße Profile. Erhältlich in Aufbau-, Hänge- und Einbauversion, ohne Rahmen, flach oder tief eingebaut und asymmetrisch. Profile dieser Gruppe weisen eine minimalistische Form und sichtbare Lichtlinien auf.

Profile o średnim rozmiarze. Dostępne w wersji nbudowanej, zwieszanej i wbudowanej, w wariacie bezramkowym, płytko cofniętym, głęboko cofniętym i asymetrycznym. Profile tej grupy to minimalistyczny kształt i bardziej widoczne linie świetlne.

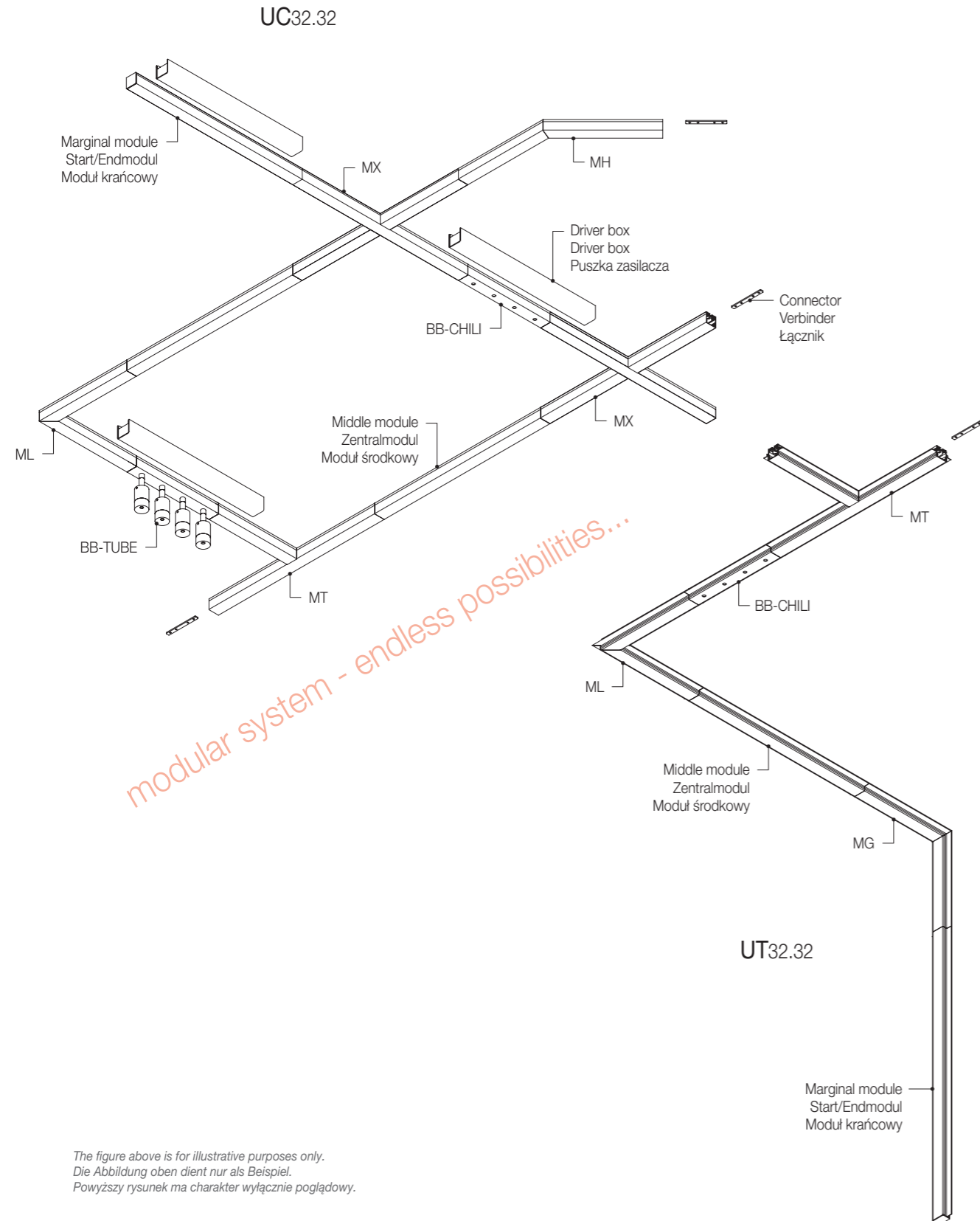




Version	Ceiling Anbau Nabudowany page 106	Suspended Abgependelt Zwieszany page 112	Rimless Einbau Rahmenlos Wbudowany bezramkowy page 118	Shallow Einbau flach zurückgesetzt Wbudowany płytko cofnięty page 124
Type	linear BB-Chili BB-Tube connectors	linear BB-Chili BB-Tube connectors	linear BB-Chili BB-Tube connectors	linear BB-Chili
Diffuser	satine microprism	satine microprism	satine microprism	satine microprism
Light output	LED CC HE	up to 1325 lm/m	up to 1325 lm/m	up to 1325 lm/m
	LED CC HO	up to 2645 lm/m	up to 2645 lm/m	up to 2375 lm/m
	Power LED	up to 210 lm/pc.	up to 210 lm/pc.	up to 210 lm/pc.
Efficacy	LED CC	up to 85 lm/W	up to 85 lm/W	up to 78 lm/W
	Power LED	up to 97 lm/W	up to 97 lm/W	up to 97 lm/W
CCT	3000K / 4000K	3000K / 4000K	3000K / 4000K	3000K / 4000K
CRI	≥80	≥80	≥80	≥80
Control	on/off, DALI, Corridor System	on/off, DALI, Corridor System	on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing	● ● ●	● ● ●	○	○

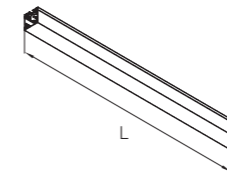


Version	Deep Einbau tief zurückgesetzt Wbudowany głęboko cofnięty page 130	Asymmetric Einbau asymmetrisch Wbudowany asymetryczny page 134
Type	linear BB-Chili	linear
Diffuser	satine microprism	satine
Light output	LED CC HE	up to 1255 lm/m
	LED CC HO	up to 2515 lm/m
	Power LED	up to 210 lm/pc.
Efficacy	LED CC	up to 82 lm/W
	Power LED	up to 97 lm/W
CCT	3000K / 4000K	3000K / 4000K
CRI	≥80	≥80
Control	on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing	○	○



The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

Linear modules

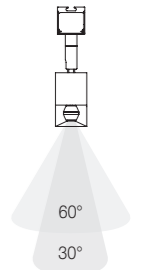
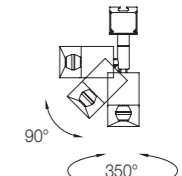
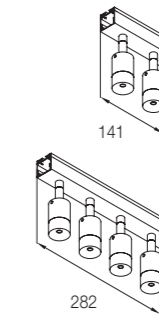


Available lengths:

1128mm - 2422mm (sets)
567mm - 2339mm (marginal)
564mm - 2256mm (middle)

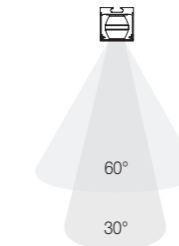
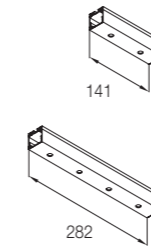
Customized lengths on demand.

BB-TUBE modules*



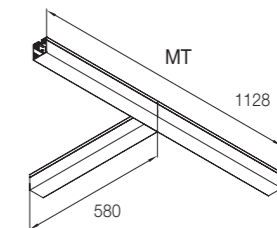
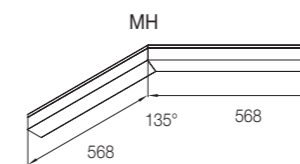
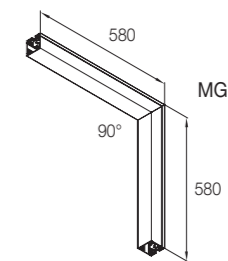
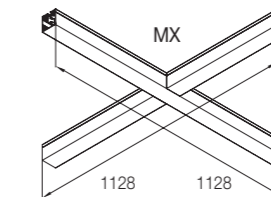
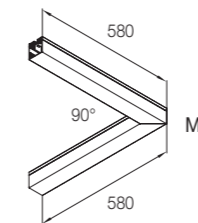
System by **Bartenbach**.
LFO optic

BB-CHILI modules**



System by **Bartenbach**.
LFO optic

Connectors modules*



* Available only for UC, US, UT versions of profiles.
** Not available for UA version of profile.

All dimensions are dependent on the version
of the profile and type of module (set, marginal or middle).

* Erhältlich für UC, US, UT Version.
** Nicht erhältlich für UA Version.

Alle Längen sind von Profilen und Modulen
(Set, Start/Endmodul oder Zentralmodul) abhängig.

* Dostępne dla wersji profili UC, US, UT.
** Niedostępne dla wersji profili UA.

Wszystkie wymiary zależne są od wersji profilu i typu
modułu (oprawa pojedyncza, krańcowa lub środkowa).



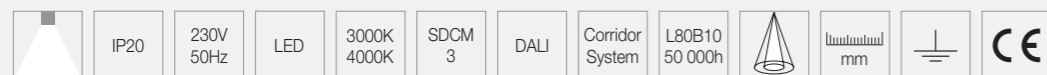
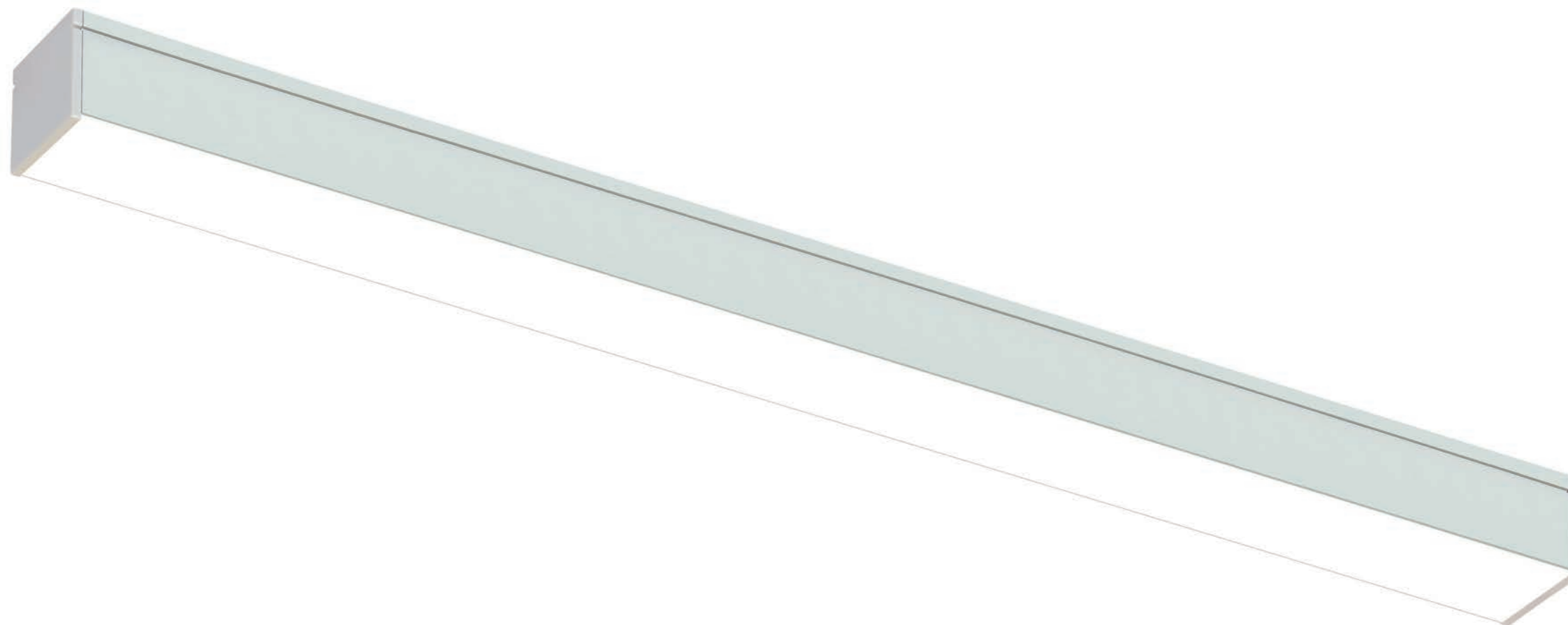
Danuta Baduszkowa Musical Theatre in Gdynia, Poland , prof. Józef Chmiel, arch. Paweł Wład Kowalski



Cedrob Office, Poland, arch. Jerzy Heymer

UC32.32

Profiles System



Typology:

Surface mounted aluminium profiles with direct light.

Material and finishing:

Anodised or white/black painted aluminium.

Diffuser:

satine, mikroprisma.

Feeding:

Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Aufbauprofil direkt strahlend.

Material und Ausführung:

Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät und driver box – 230V/50Hz, I Schutzklasse. Profile – III Schutzklasse.

Typologia:

Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

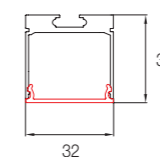
Aluminium anodowane lub malowane na kolor biały/czarny.

Dyfuzor:

satyna, mikropryzma.

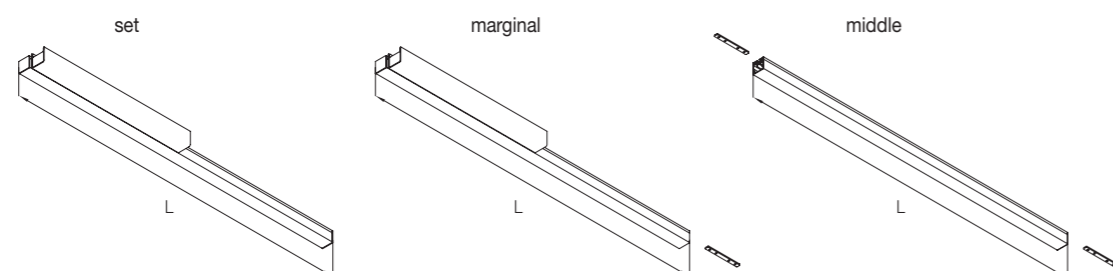
Zasilanie:

Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	8.6W	610 645lm	710 745lm	2 200b 4d1f 01/2ij
	—	849mm	846mm	12.9W	920 965lm	1065 1120lm	2 200b 4d1f 02/2ij
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	1420 1495lm	2 200b 4d1f 03/2ij
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2130 2240lm	2 200b 4d1f 04/2ij
	2262mm	2259mm	2256mm	34.5W	2445 2575lm	2840 2985lm	2 200b 4d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	17.2W	1225 1285lm	1420 1495lm	2 200b 4d2f 01/2ij
	—	849mm	846mm	25.9W	1835 1930lm	2130 2240lm	2 200b 4d2f 02/2ij
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	2840 2985lm	2 200b 4d2f 03/2ij
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	4260 4480lm	2 200b 4d2f 04/2ij
	2262mm	2259mm	2256mm	69W	4895 5150lm	5680 5975lm	2 200b 4d2f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System**	C	anodise	6				

* LED modules supplied with Constant Current, external driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

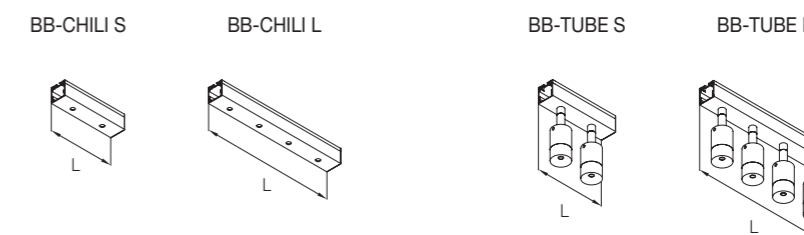
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

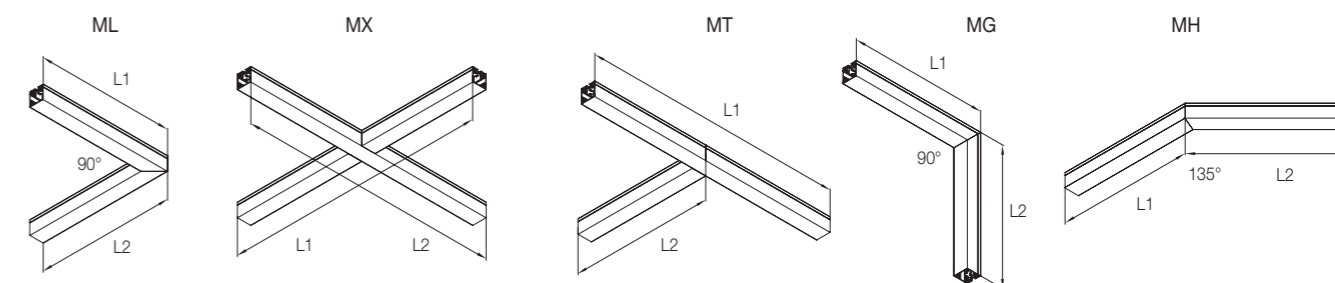
Spots

	length	length	power	BB lens	beam angle	code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 201b 4d9f 01/h0j
	BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 790-850lm	30°, 60°	2 201b 4d9f 02/h0j
BB-TUBE	marginal	middle		3000 4000K			
	BB-TUBE S	144mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 202b 4d9f 01/h0j
	BB-TUBE L	285mm	282mm	9.2W (4xPower LED)	700-760 735-795lm	30°, 60°	2 202b 4d9f 02/h0j



Connectors

	dimensions	power	satine	microprism	code	
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K		
	ML	580x580mm	17.2W	1225 1285lm	1420 1495lm	2 2032 4d1f 00/2ij
	MG	580x580mm	17.2W	1225 1285lm	1420 1495lm	2 2042 4d1f 00/2ij
	MH	568x568mm	17.2W	1225 1285lm	1420 1495lm	2 2052 4d1f 00/2ij
	MT	1128x580mm	25.9W	1835 1930lm	2130 2240lm	2 2062 4d1f 00/2ij
	MX	1128x1128mm	34.5W	2445 2575lm	2840 2985lm	2 2072 4d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K		
	ML	580x580mm	34.5W	2445 2575lm	2840 2985lm	2 2032 4d2f 00/2ij
	MG	580x580mm	34.5W	2445 2575lm	2840 2985lm	2 2042 4d2f 00/2ij
	MH	568x568mm	34.5W	2445 2575lm	2840 2985lm	2 2052 4d2f 00/2ij
	MT	1128x580mm	51.7W	3670 3865lm	4260 4480lm	2 2062 4d2f 00/2ij
	MX	1128x1128mm	69W	4895 5150lm	5680 5975lm	2 2072 4d2f 00/2ij

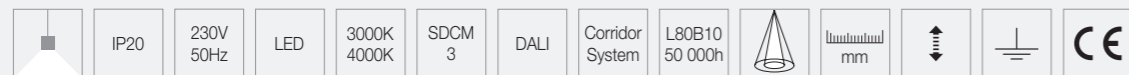
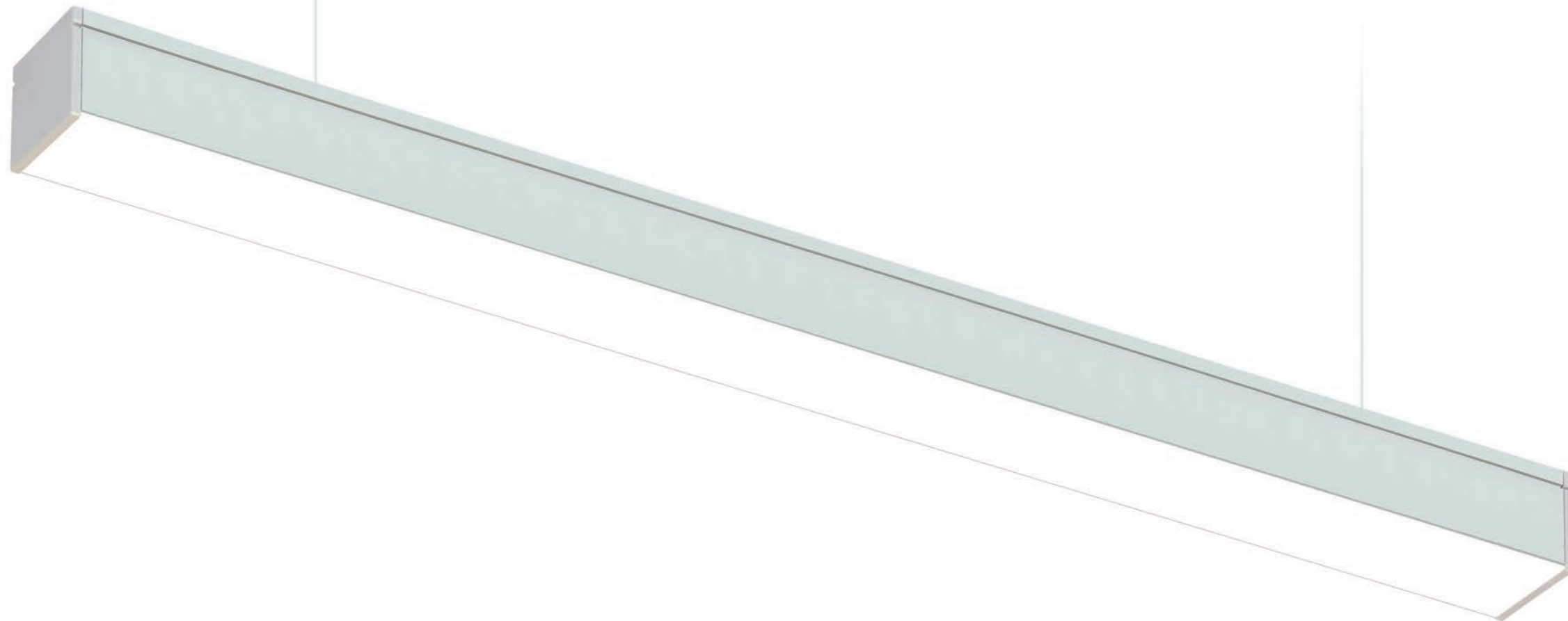


Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI	4	white	4	30°	5	satine	3	3000K	WW
middle	2	on/off	5	black	5	60°	6	microprism	4	4000K	W
		Corridor System**	C	anodise	6						



US32.32

Profiles System



Typology:

Suspended mounted aluminium profiles with direct light.

Material and finishing:

Anodised or white/black painted aluminium.

Diffuser:

satine, microprism.

Feeding:

Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Abgependelte Aluminium Profile direkt strahlend.

Material und Ausführung:

Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät und driver box - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Zwieszany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

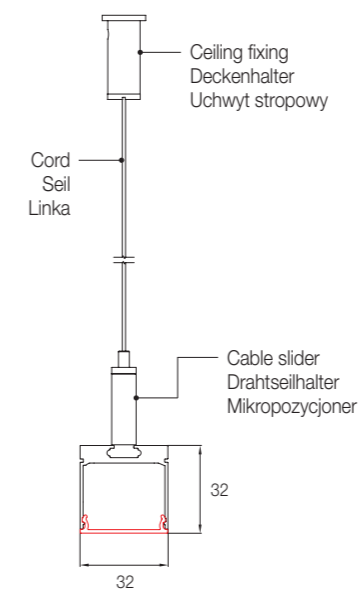
Aluminium anodowane lub malowane na kolor biały/czarny.

Dyfuzor:

satyna, mikropryzma.

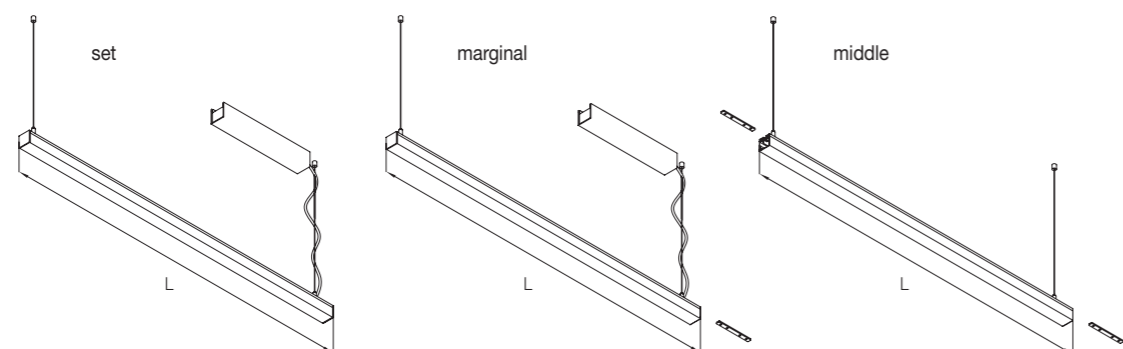
Zasilanie:

Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	8.6W	610 645lm	710 745lm	2 210b 0d1f 01/2ij
	—	849mm	846mm	12.9W	920 965lm	1065 1120lm	2 210b 0d1f 02/2ij
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	1420 1495lm	2 210b 0d1f 03/2ij
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2130 2240lm	2 210b 0d1f 04/2ij
	2262mm	2259mm	2256mm	34.5W	2445 2575lm	2840 2985lm	2 210b 0d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	17.2W	1225 1285lm	1420 1495lm	2 210b 0d2f 01/2ij
	—	849mm	846mm	25.9W	1835 1930lm	2130 2240lm	2 210b 0d2f 02/2ij
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	2840 2985lm	2 210b 0d2f 03/2ij
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	4260 4480lm	2 210b 0d2f 04/2ij
	2262mm	2259mm	2256mm	69W	4895 5150lm	5680 5975lm	2 210b 0d2f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System**	C	anodise	6				

* LED modules supplied with Constant Current, external driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

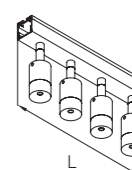
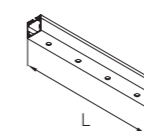
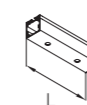
	length	length	power	BB lens	beam angle	code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 211b 0d9f 01/h0j
	BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 790-850lm	30°, 60°	2 211b 0d9f 02/h0j
BB-TUBE	marginal	middle		3000 4000K			
	BB-TUBE S	144mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 212b 0d9f 01/h0j
	BB-TUBE L	285mm	282mm	9.2W (4xPower LED)	700-760 735-795lm	30°, 60°	2 212b 0d9f 02/h0j

BB-CHILI S

BB-CHILI L

BB-TUBE S

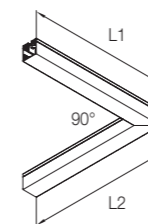
BB-TUBE L



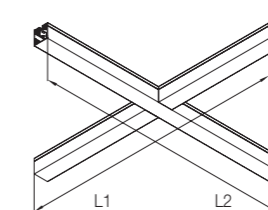
Connectors

	dimensions	power	satine	microprism	code	
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K		
	ML	580x580mm	17.2W	1225 1285lm	1420 1495lm	2 2132 0d1f 00/2ij
	MH	568x568mm	17.2W	1225 1285lm	1420 1495lm	2 2152 0d1f 00/2ij
	MT	1128x580mm	25.9W	1835 1930lm	2130 2240lm	2 2162 0d1f 00/2ij
	MX	1128x1128mm	34.5W	2445 2575lm	2840 2985lm	2 2172 0d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K		
	ML	580x580mm	34.5W	2445 2575lm	2840 2985lm	2 2132 0d2f 00/2ij
	MH	568x568mm	34.5W	2445 2575lm	2840 2985lm	2 2152 0d2f 00/2ij
	MT	1128x580mm	51.7W	3670 3865lm	4260 4480lm	2 2162 0d2f 00/2ij
	MX	1128x1128mm	69W	4895 5150lm	5680 5975lm	2 2172 0d2f 00/2ij

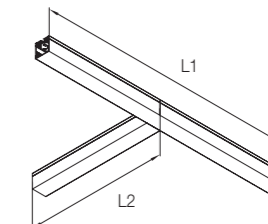
ML



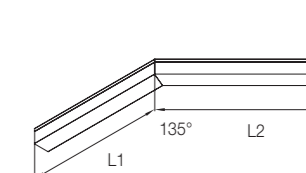
MX



MT



MH

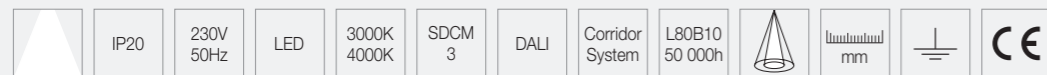
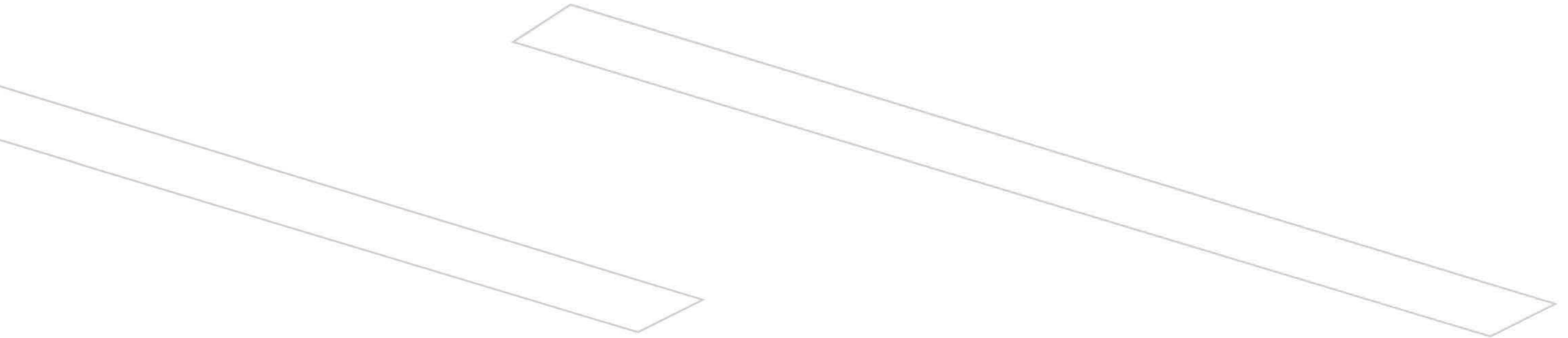


Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI	4	white	4	30°	5	satine	3	3000K	WW
middle	2	on/off Corridor System**	5 C	black anodise	5 6	60°	6	microprism	4	4000K	W



UT 32.32

Profiles System



Typology:

Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil rahmenlos direkt strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereit zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (bezramkowy), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

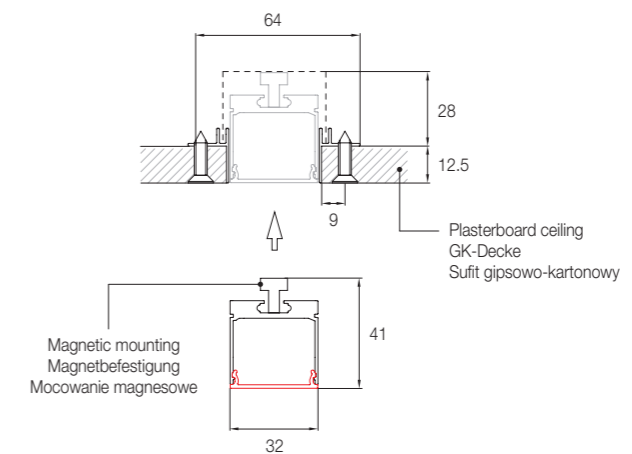
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:








satyna, mikropryzma.

Zasilanie:


Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.

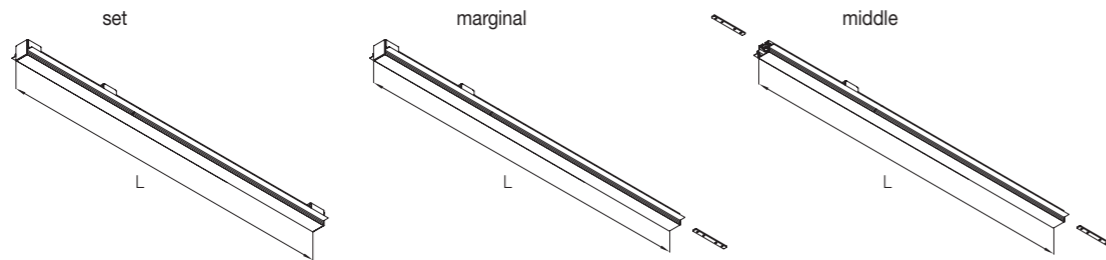


Linear

	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	569mm	564mm	8.6W	610 645lm	710 745lm	2 230b 2d10 01/2ij
	—	851mm	846mm	12.9W	920 965lm	1065 1120lm	2 230b 2d10 02/2ij
	1138mm	1133mm	1128mm	17.2W	1225 1285lm	1420 1495lm	2 230b 2d10 03/2ij
	1702mm	1697mm	1692mm	25.9W	1835 1930lm	2130 2240lm	2 230b 2d10 04/2ij
	2266mm	2261mm	2256mm	34.5W	2445 2575lm	2840 2985lm	2 230b 2d10 05/2ij

	set	marginal	middle		3000 4000K	3000 4000K	
Version with LED CC* high output (HO)	—	569mm	564mm	17.2W	1225 1285lm	1420 1495lm	2 230b 2d20 01/2ij
	—	851mm	846mm	25.9W	1835 1930lm	2130 2240lm	2 230b 2d20 02/2ij
	1138mm	1133mm	1128mm	34.5W	2445 2575lm	2840 2985lm	2 230b 2d20 03/2ij
	1702mm	1697mm	1692mm	51.7W	3670 3865lm	4260 4480lm	2 230b 2d20 04/2ij
	2266mm	2261mm	2256mm	69W	4895 5150lm	5680 5975lm	2 230b 2d20 05/2ij

 set (L+2mm) x 36mm
marginal (L+1mm) x 36mm
middle L x 36mm
Hmin = 100mm (for driver)



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C				

* LED modules supplied with Constant Current, external driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.







* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.


AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

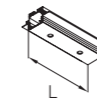
Spots

	 length	 length	 power	 BB lens	 beam angle	 code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	146mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 231b 2d90 01/h0j
	BB-CHILI L	287mm	282mm	8.7W (4xPower LED)	700-760 790-850lm	30°, 60°	2 231b 2d90 02/h0j

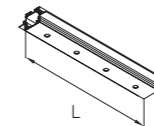
	marginal	middle		3000 4000K			
BB-TUBE	BB-TUBE S	146mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 232b 2d90 01/h0j
	BB-TUBE L	287mm	282mm	9.2W (4xPower LED)	700-760 735-795lm	30°, 60°	2 232b 2d90 02/h0j

 marginal (L+1mm) x 36mm
middle L x 36mm
Hmin = 100mm (for driver)

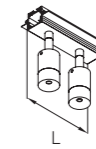
BB-CHILI S



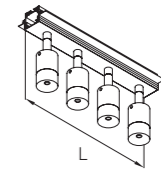
BB-CHILI L








BB-TUBE S




BB-TUBE L



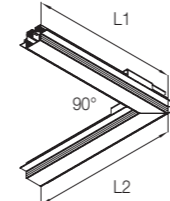
Connectors

	 dimensions	 power	 satine	 microprism	 code	
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K		
	ML	582x582mm	17.2W	1225 1285lm	1420 1495lm	2 2332 2d10 00/2ij
	MG	582x582mm	17.2W	1225 1285lm	1420 1495lm	2 2342 2d10 00/2ij
	MH	569x569mm	17.2W	1225 1285lm	1420 1495lm	2 2352 2d10 00/2ij
	MT	1128x582mm	25.9W	1835 1930lm	2130 2240lm	2 2362 2d10 00/2ij
	MX	1128x1128mm	34.5W	2445 2575lm	2840 2985lm	2 2372 2d10 00/2ij

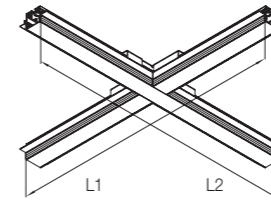
	L1 x L2		3000 4000K	3000 4000K		
Version with LED CC* high output (HO)	ML	582x582mm	34.5W	2445 2575lm	2840 2985lm	2 2332 2d20 00/2ij
	MG	582x582mm	34.5W	2445 2575lm	2840 2985lm	2 2342 2d20 00/2ij
	MH	569x569mm	34.5W	2445 2575lm	2840 2985lm	2 2352 2d20 00/2ij
	MT	1128x582mm	51.7W	3670 3865lm	4260 4480lm	2 2362 2d20 00/2ij
	MX	1128x1128mm	69W	4895 5150lm	5680 5975lm	2 2372 2d20 00/2ij

 ML (L1+2mm) x (L2+2mm) x 36mm
MG (L1-32mm) x (L2-32mm) x 36mm
MH (L1+2mm) x (L2+2mm) x 36mm
MT L1 x (L2+2mm) x 36mm
MX L1 x L2 x 36mm
Hmin = 100mm (for driver)

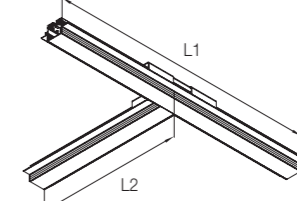
ML



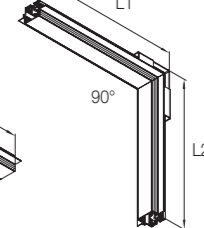
MX



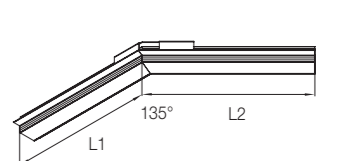
MT



MG



MH



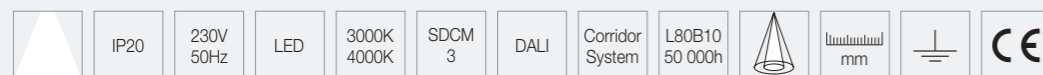
Module	b	Control	d	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI	4	30°	5	satine	3	3000K	WW
middle	2	on/off Corridor System**	5 C	60°	6	microprism	4	4000K	W



Mercure Hotel, Poland, Kaczmarek Studio S.C., arch. Iwona Kaczmarek, arch. Mirosław Kaczmarek

UV32.32

Profiles System



Typology:

Recessed mounted (shallow) aluminium profiles with direct light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil (flach zurückgesetzt) direkt strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (płytko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

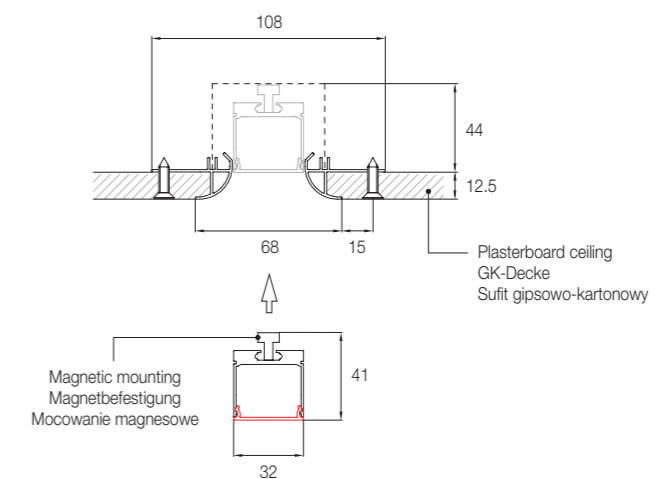
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:








satyna, mikropryzma.

Zasilanie:




Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.

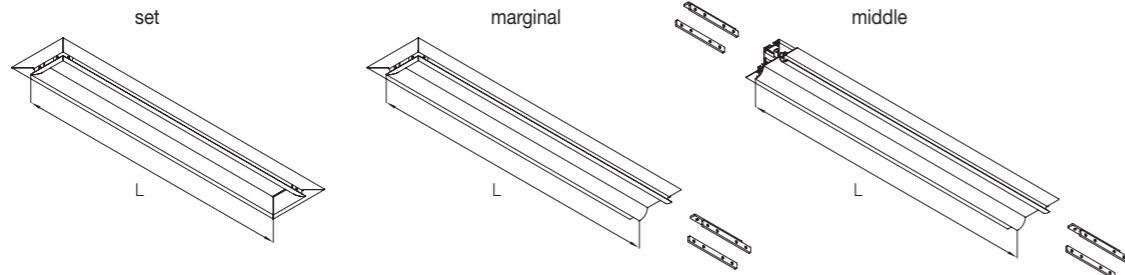


Linear

	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	585mm	564mm	8.6W	585 620lm	635 670lm	2 240 b 2d10 01/2ij
	—	867mm	846mm	12.9W	880 925lm	955 1005lm	2 240 b 2d10 02/2ij
	1170mm	1149mm	1128mm	17.2W	1175 1235lm	1275 1340lm	2 240 b 2d10 03/2ij
	1734mm	1713mm	1692mm	25.9W	1765 1855lm	1910 2010lm	2 240 b 2d10 04/2ij
2298mm	2277mm	2256mm	34.5W	2350 2475lm	2545 2680lm	2 240 b 2d10 05/2ij	

	set	marginal	middle		3000 4000K	3000 4000K	
Version with LED CC* high output (HO)	—	585mm	564mm	17.2W	1175 1235lm	1275 1340lm	2 240 b 2d20 01/2ij
	—	867mm	846mm	25.9W	1765 1855lm	1910 2010lm	2 240 b 2d20 02/2ij
	1170mm	1149mm	1128mm	34.5W	2350 2475lm	2545 2680lm	2 240 b 2d20 03/2ij
	1734mm	1713mm	1692mm	51.7W	3525 3710lm	3820 4020lm	2 240 b 2d20 04/2ij
	2298mm	2277mm	2256mm	69W	4700 4945lm	5090 5355lm	2 240 b 2d20 05/2ij

 set (L+2mm) x 71mm
 marginal (L+1mm) x 71mm
 middle L x 71mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C				

* LED modules supplied with Constant Current, external driver included.
 ** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** Die Option ist nur für LED CC erhältlich.







* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Dostępna opcja tylko dla modułów LED CC.



SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

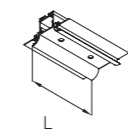
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

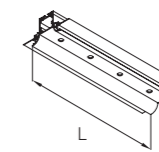
	 length	 length	 power	 BB lens	 beam angle	 code
BB-CHILI	marginal	middle		3000 4000K		
	BB-CHILI S	162mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°
BB-CHILI L	303mm	282mm	8.7W (4xPower LED)	700-760 790-850lm	30°, 60°	2 241 b 2d90 02/h0j

 marginal (L+1mm) x 71mm
 middle L x 71mm
 Hmin = 100mm (for driver)

BB-CHILI S



BB-CHILI L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W



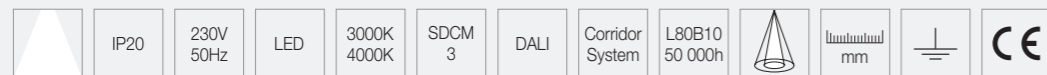
Shopping Center Alfa, Poland, KolorPlus - pracownia architektoniczna, arch. Magdalena Szkartat, arch. Adrianna Liszewska



Office Building, Poland, Bulanda Mucha Architekci

UW32.32

Profiles System



Typology:

Recessed mounted (deep) aluminium profiles with direct light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil (tief zurückgesetzt) direkt strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (głęboko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

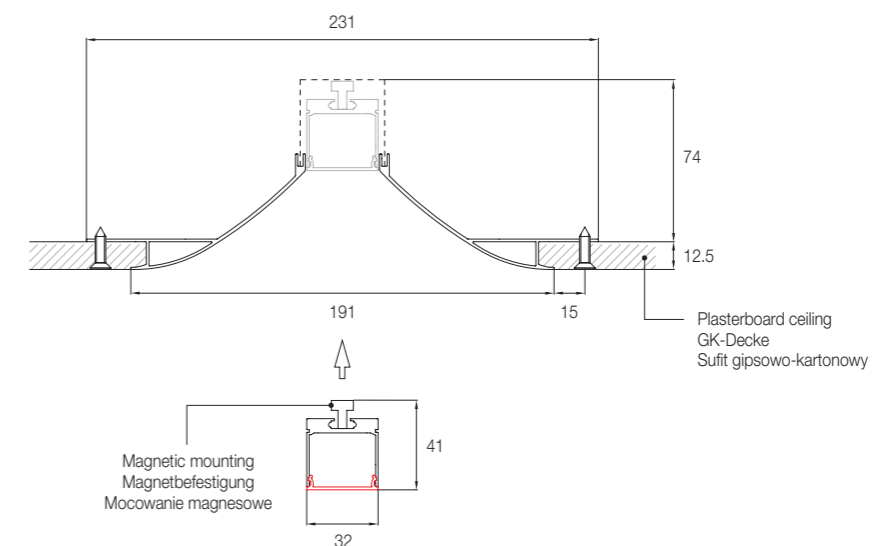
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:








satyna, mikropryzma.

Zasilanie:


Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.

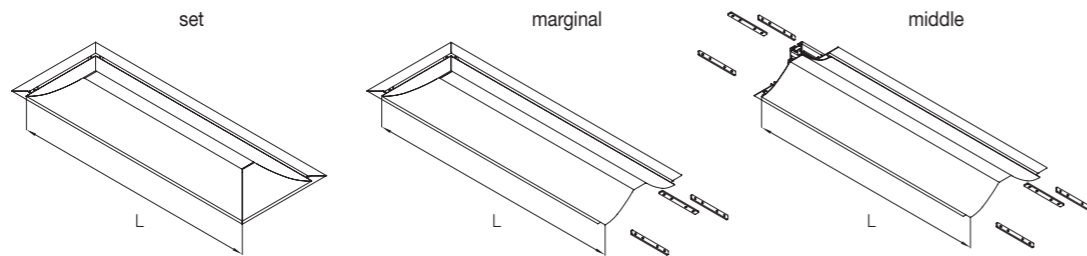


Linear

							
	length	length	length	power	satine	microprism	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	
	—	647mm	564mm	8.6W	610 645lm	675 710lm	2 250 b 2d10 01/2ij
	—	929mm	846mm	12.9W	920 965lm	1010 1065lm	2 250 b 2d10 02/2ij
	1294mm	1211mm	1128mm	17.2W	1225 1285lm	1345 1420lm	2 250 b 2d10 03/2ij
	1858mm	1775mm	1692mm	25.9W	1835 1930lm	2020 2125lm	2 250 b 2d10 04/2ij
	2422mm	2339mm	2256mm	34.5W	2455 2575lm	2695 2835lm	2 250 b 2d10 05/2ij

	set	marginal	middle		3000 4000K	3000 4000K	
Version with LED CC* high output (HO)	—	647mm	564mm	17.2W	1225 1285lm	1345 1420lm	2 250 b 2d20 01/2ij
	—	929mm	846mm	25.9W	1835 1930lm	2020 2125lm	2 250 b 2d20 02/2ij
	1294mm	1211mm	1128mm	34.5W	2445 2575lm	2695 2835lm	2 250 b 2d20 03/2ij
	1858mm	1775mm	1692mm	51.7W	3670 3865lm	4040 4250lm	2 250 b 2d20 04/2ij
	2422mm	2339mm	2256mm	69W	4895 5150lm	5385 5665lm	2 250 b 2d20 05/2ij

 set (L+2mm) x 194mm
 marginal (L+1mm) x 194mm
 middle L x 194mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C				

* LED modules supplied with Constant Current, external driver included.
 ** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 ** Die Option ist nur für LED CC erhältlich.







* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 ** Dostępna opcja tylko dla modułów LED CC.


SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

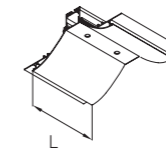
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

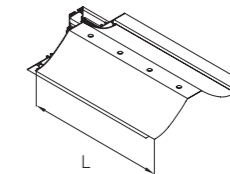
						
	length	length	power	BB lens	beam angle	code
BB-CHILI	marginal	middle		3000 4000K		
BB-CHILI S	224mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 251 b 2d90 01/h0j
BB-CHILI L	365mm	282mm	8.7W (4xPower LED)	700-760 790-850lm	30°, 60°	2 251 b 2d90 02/h0j

 marginal (L+1mm) x 194mm
 middle L x 194mm
 Hmin = 100mm (for driver)

BB-CHILI S



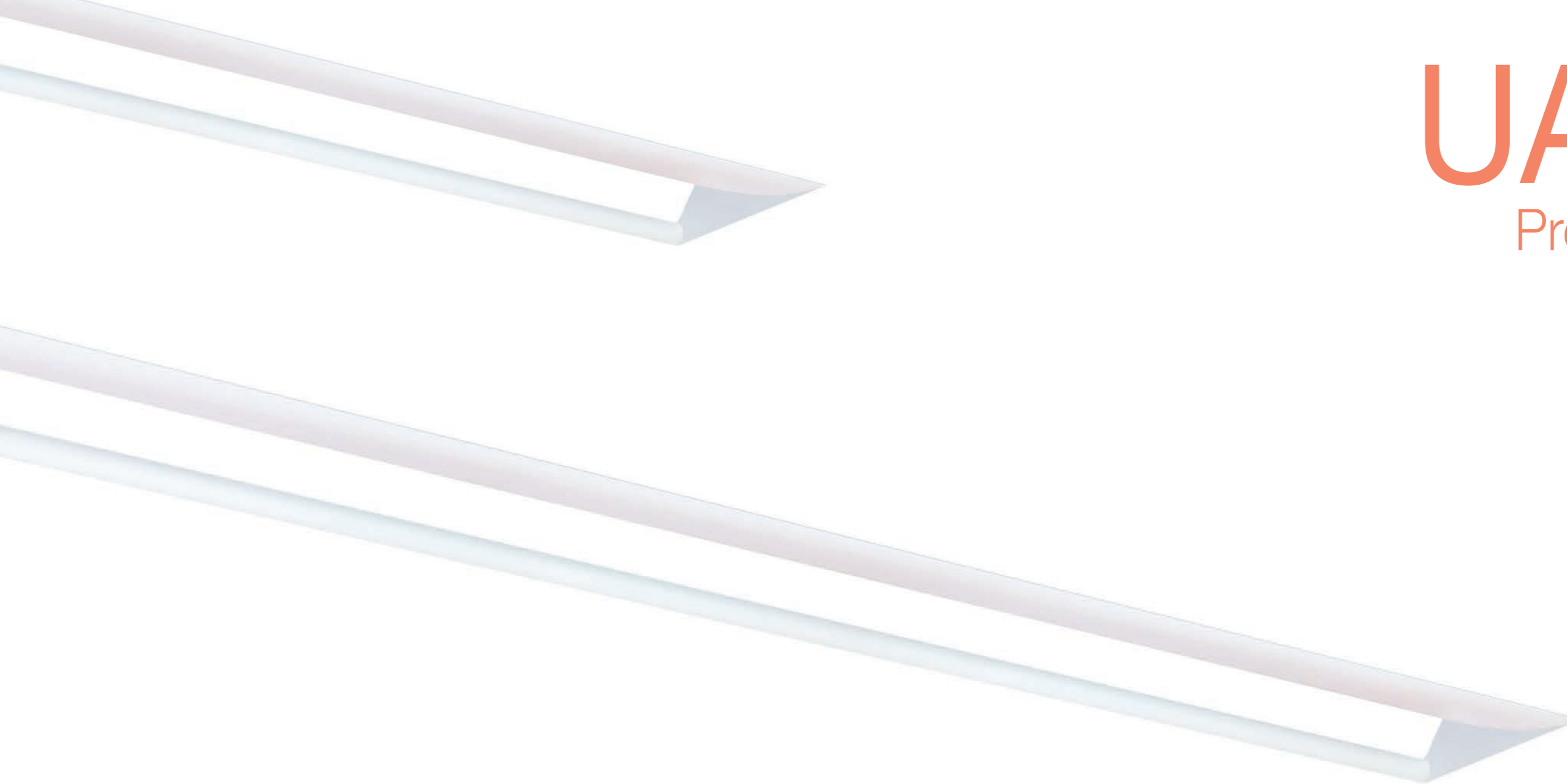
BB-CHILI L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W

UA32.32

Profiles System



Typology:

Recessed mounted aluminium profiles with asymmetric light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Einbauprofil assymetrisch strahlend.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany, aluminiowy profil świecący asymetrycznie.

Materiał i wykończenie:

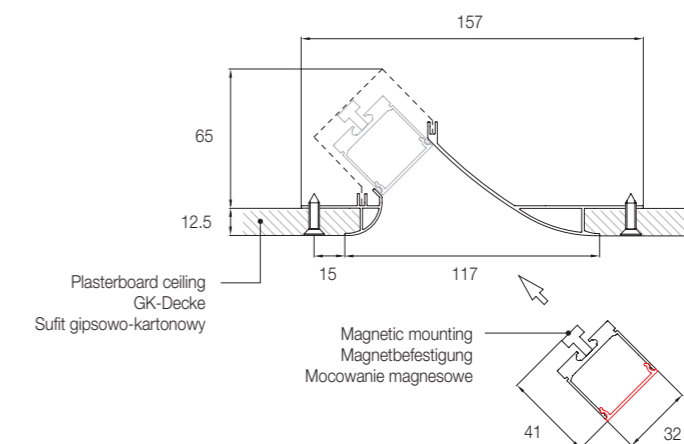
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:

satyna.

Zasilanie:







Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



UA32.32


Profiles System

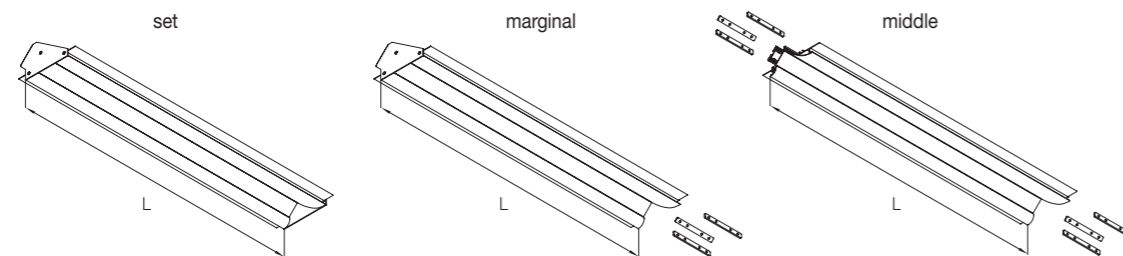
Linear

					
length	length	length	power	satine	code

Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
—	—	566mm	564mm	8.6W	525 555lm	2 260b 2d10 01/43j
—	—	848mm	846mm	12.9W	790 830lm	2 260b 2d10 02/43j
1132mm	1130mm	1128mm	17.2W	1055 1105lm		2 260b 2d10 03/43j
1696mm	1694mm	1692mm	25.9W	1580 1660lm		2 260b 2d10 04/43j
2260mm	2258mm	2256mm	34.5W	2105 2215lm		2 260b 2d10 05/43j

Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
—	—	566mm	564mm	17.2W	1055 1105lm	2 260b 2d20 01/43j
—	—	848mm	846mm	25.9W	1580 1660lm	2 260b 2d20 02/43j
1132mm	1130mm	1128mm	34.5W	2105 2215lm		2 260b 2d20 03/43j
1696mm	1694mm	1692mm	51.7W	3155 3320lm		2 260b 2d20 04/43j
2260mm	2258mm	2256mm	69W	4210 4430lm		2 260b 2d20 05/43j

 set (L+2mm) x 119mm
 marginal (L+1mm) x 119mm
 middle L x 119mm
 Hmin = 100mm (for driver)



Module	b	Control	d	CCT	j
set	0	DALI	4	3000K	WW
marginal	1	on/off	5	4000K	W
middle	2	Corridor System	C		

* LED modules supplied with Constant Current, external driver included.
 SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Filharmonia Świętokrzyska, Poland, arch. Marcin Piwoński, arch. Robert Brodziński, arch. Artur Stachura

U32

Profiles System



U32.41- The Milky Way.

Cosmos enchants and flares us up like our UT32.41. Scattered by the alternating light, the soft C-Shade with sharp Elite brings in the feeling of a limitless journey – after all, we have Trimless. Whether it is The Milky Way or single stars, whether we create mood or organized peace, it always comes with an amazement in the hands of crafty artists of light.

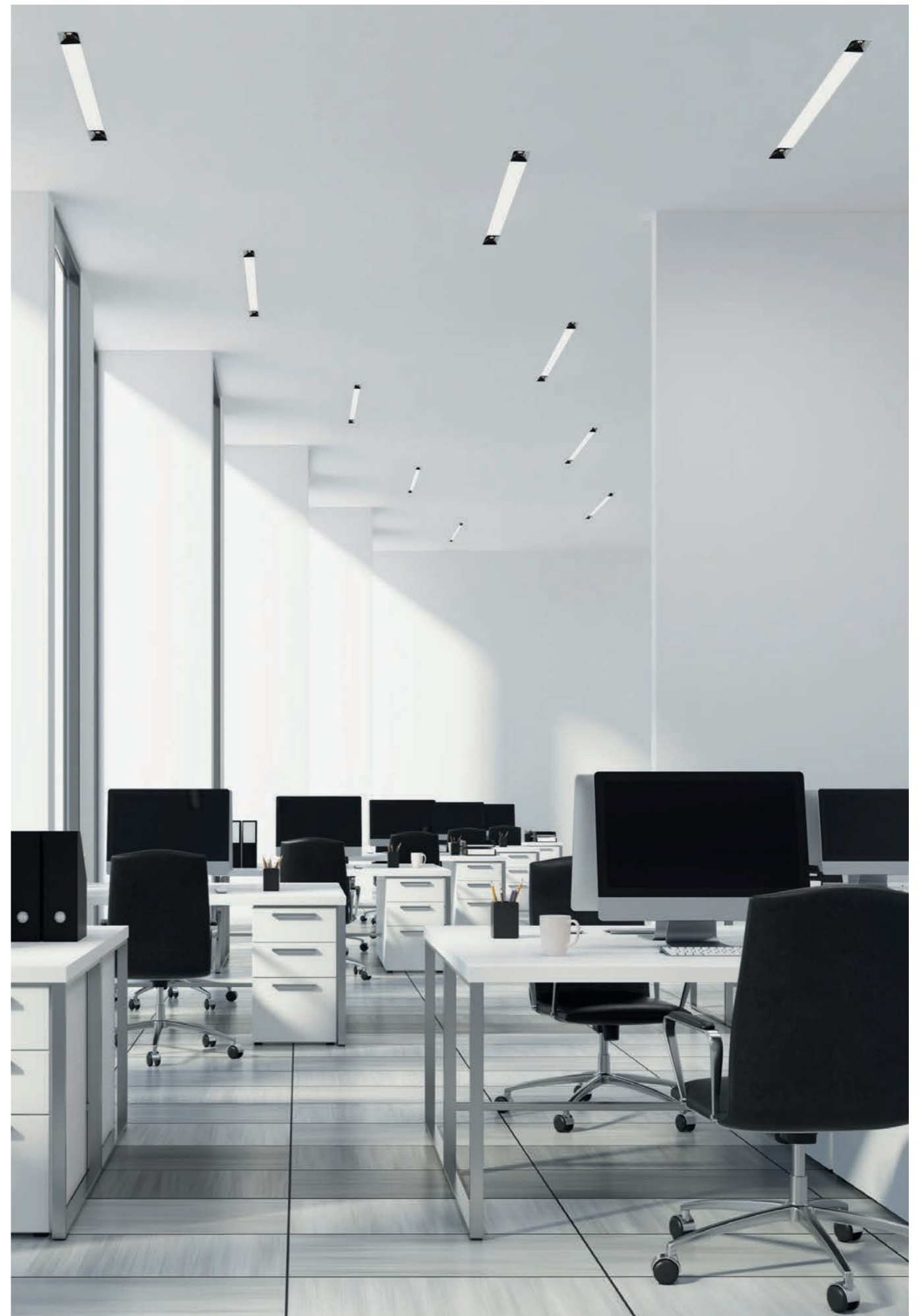
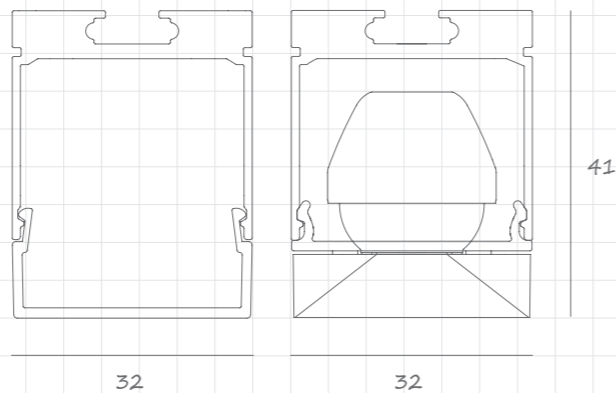
U32.41- Milchstraße.

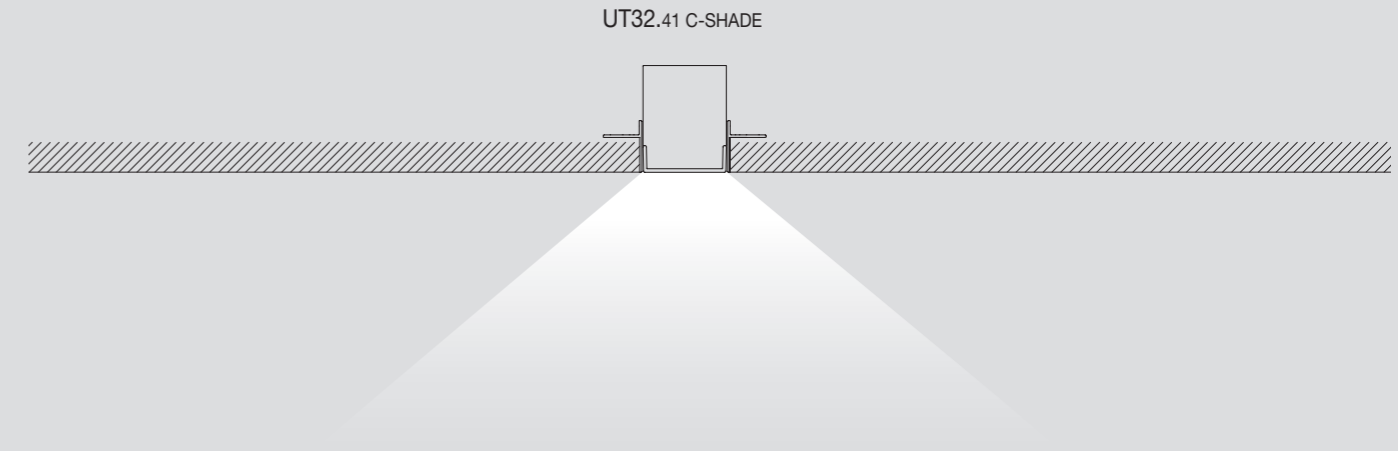
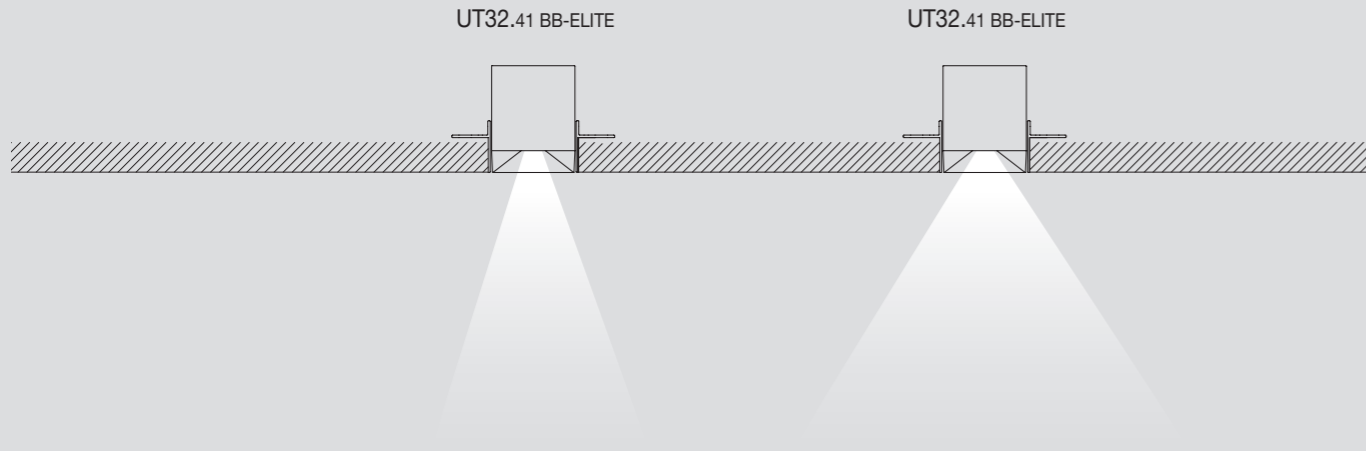
Der Weltall erfreut und leuchtet auf wie unser UT32.41. Mit Licht gestreut abwechselnd weicher C-Shade mit einem scharfen Elite gibt das Gefühl ohne Grenzen zu reisen – weil wir Trimless haben. Es überrascht immer in den Händen von erfahrenen Lichtkünstlern.

U32.41- Droga Mleczna.

Kosmos zachwyca i rozpala jak nasz UT32.41. Rozrzucony światłem na przemian miękkiej C-Shade z ostrym Elite daje poczucie podróży bez granic - bo przecież mamy Trimless. Czy to będzie Droga Mleczna - czy pojedyncze gwiazdy, czy budujemy nastrój - czy uporządkowany spokój, zawsze zaskakuje w rękach wytrawnych artystów światła.

Scale 1:1

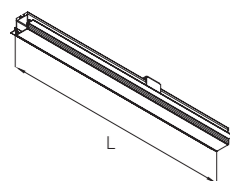




Version	Trmiless Einbau Rahmenlos Wbudowany bezramkowy page 146	Trmiless Einbau Rahmenlos Wbudowany bezramkowy page 146
Type	BB-ELITE	BB-ELITE
Diffuser / Optic	LFO lens (30°) with anti-glare lover UGR<10	LFO lens (60°) with anti-glare lover UGR<19
Light output	LED CC HE LED CC HO Power LED up to 210 lm/pc.	— — up to 210 lm/pc.
CCT	3000K / 4000K	3000K / 4000K
CRI	>80	>80
Control	on/off, DALI	on/off, DALI
Finishing	○	○

Version	Trmiless Einbau Rahmenlos Wbudowany bezramkowy page 146
Type	linear connectors
Diffuser / Optic	c-shade diffuser
Light output	up to 865 lm/m up to 1735 lm/m —
CCT	3000K / 4000K
CRI	>80
Control	on/off, DALI
Finishing	○

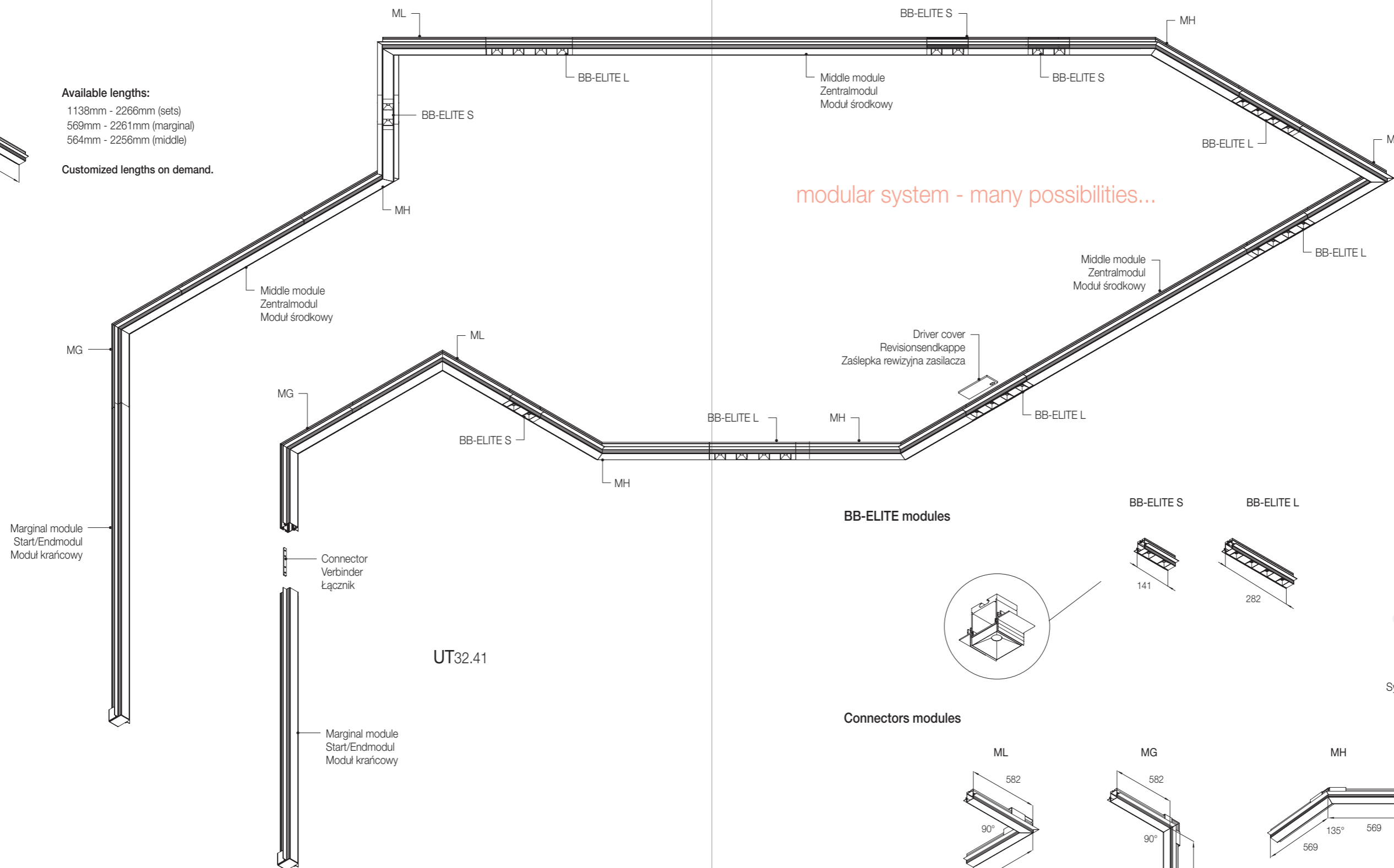
Linear modules



Available lengths:

- 1138mm - 2266mm (sets)
- 569mm - 2261mm (marginal)
- 564mm - 2256mm (middle)

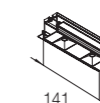
Customized lengths on demand.



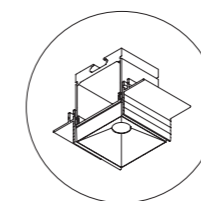
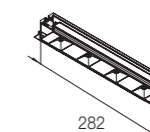
modular system - many possibilities...

BB-ELITE modules

BB-ELITE S

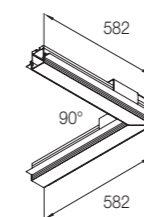


BB-ELITE L

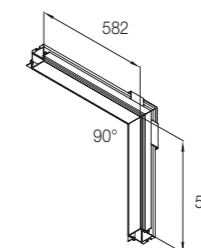


Connectors modules

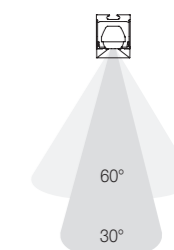
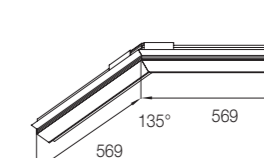
ML



MG



MH



System by **Bartenbach**
LFO optic

The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

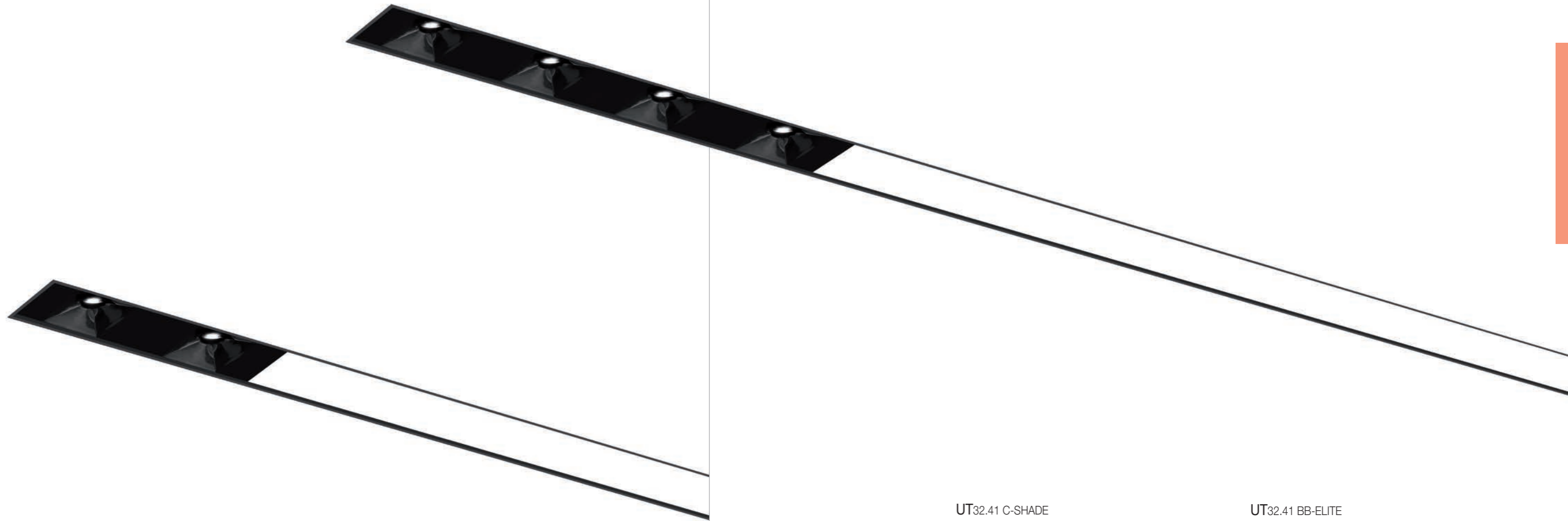
Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



UT32.41

Profiles System



Typology:
Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:
Anodised aluminium profile, mounting frame prepared for painting with ceiling paint.

Diffuser / Optic:
c-shade diffuser, system by Bartenbach LFO optic with Elite lover.

Feeding:
Driver - 230V/50Hz, II class protection.
Profiles - III class protection.

Typologie:
Einbauprofil rahmenlos direkt strahlend.

Material und Ausführung:
Aluprofil eloxiert, Einputzrahmen vorbereitet zum Malen.

Abdeckung / Optik:
C-Shade Abdeckung, System Bartenbach LFO optik mit Elite Raster.

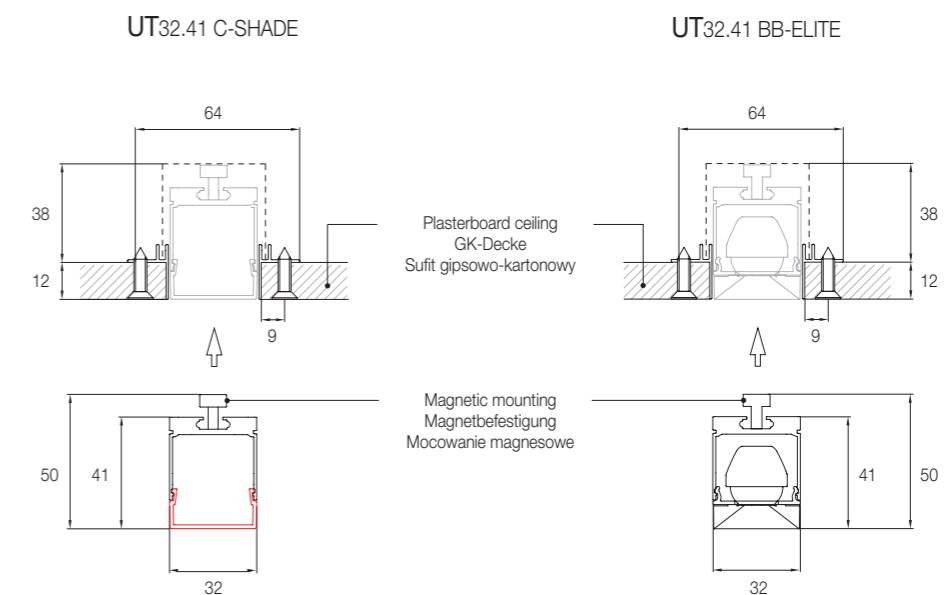
Einspeisung:
Vorschaltgerät - 230V/50Hz, II Schutzklasse.
Profile - III Schutzklasse.

Typologia:
Wbudowany (bezramkowy), aluminiowy profil świecący światłem bezpośrednim.







Materiał i wykończenie:
Anodowany profil aluminiowy, ramka montażowa przygotowana do malowania farbą sufitową.

Dyfuzor / Optyka:
dyfuzor c-shade, system Bartenbach LFO optic z rastrem Elite.


Zasilanie:
Zasilacz - 230V/50Hz, II klasa ochronności.
Profile - III klasa ochronności.

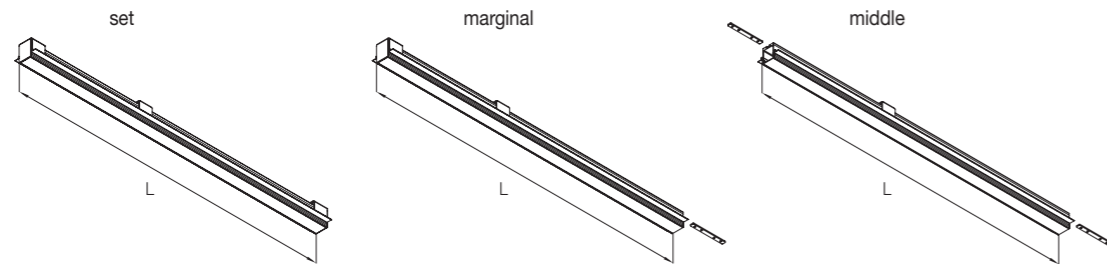


Linear

	 length	 length	 length	 power	 c-shade	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	569mm	564mm	8.6W	465 490lm	2 230b 2d10 02/27j
	—	851mm	846mm	12.9W	700 735lm	2 230b 2d10 03/27j
	1138mm	1133mm	1128mm	17.2W	930 980lm	2 230b 2d10 04/27j
	1702mm	1697mm	1692mm	25.9W	1395 1470lm	2 230b 2d10 05/27j
	2266mm	2261mm	2256mm	34.5W	1860 1955lm	2 230b 2d10 06/27j

	set	marginal	middle	3000 4000K		
Version with LED CC* high output (HO)	—	569mm	564mm	17.2W	930 980lm	2 230b 2d20 02/27j
	—	851mm	846mm	25.9W	1395 1470lm	2 230b 2d20 03/27j
	1138mm	1133mm	1128mm	34.5W	1860 1955lm	2 230b 2d20 04/27j
	1702mm	1697mm	1692mm	51.7W	2790 2935lm	2 230b 2d20 05/27j
	2266mm	2261mm	2256mm	69W	3720 3920lm	2 230b 2d20 06/27j

 set (L+2mm) x 36mm
 marginal (L+1mm) x 36mm
 middle L x 36mm
 Hmin = 100mm (for driver)









Module	b	Control	d	CCT	j
set	0	DALI	4	3000K	WW
marginal	1	on/off	5	4000K	W
middle	2				


* LED modules supplied with Constant Current, external driver included.
 SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

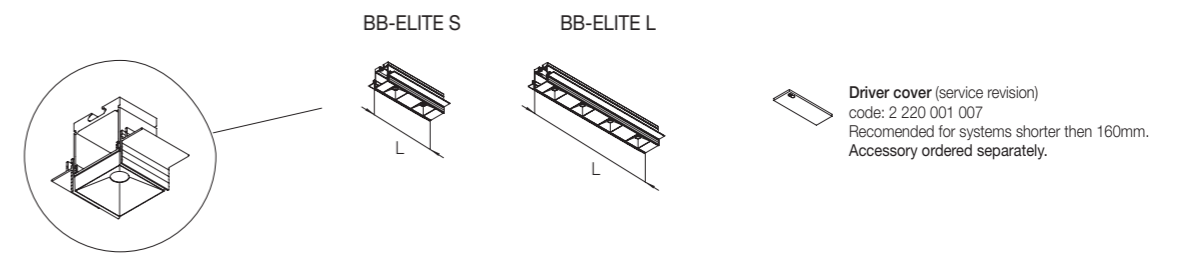
* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
 AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
 AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.





Spots


	 length	 length	 power	 BB lens	 beam angle	 code
BB-ELITE	marginal	middle	3000 4000K			
BB-ELITE S	146mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 239b 2d90 01/h0j
BB-ELITE L	287mm	282mm	8.7W (4xPower LED)	700-760 790-850lm	30°, 60°	2 239b 2d90 02/h0j

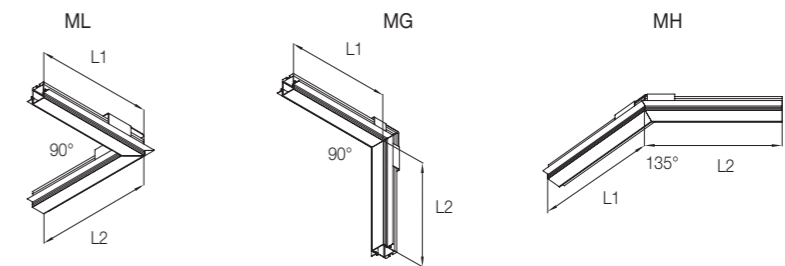
 marginal (L+1mm) x 36mm
 middle L x 36mm
 Hmin = 100mm (for driver)



Connectors

	 dimensions	 power	 c-shade	 code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	
ML	582x582mm	17.2W	930 980lm	2 2332 2d10 00/27j
MG	582x582mm	17.2W	930 980lm	2 2342 2d10 00/27j
MH	569x569mm	17.2W	930 980lm	2 2352 2d10 00/27j
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	
ML	582x582mm	34.5W	1860 1955lm	2 2332 2d20 00/27j
MG	582x582mm	34.5W	1860 1955lm	2 2342 2d20 00/27j
MH	569x569mm	34.5W	1860 1955lm	2 2352 2d20 00/27j

 L1 x L2 x 36mm
 Hmin = 100mm (for driver)



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W

132

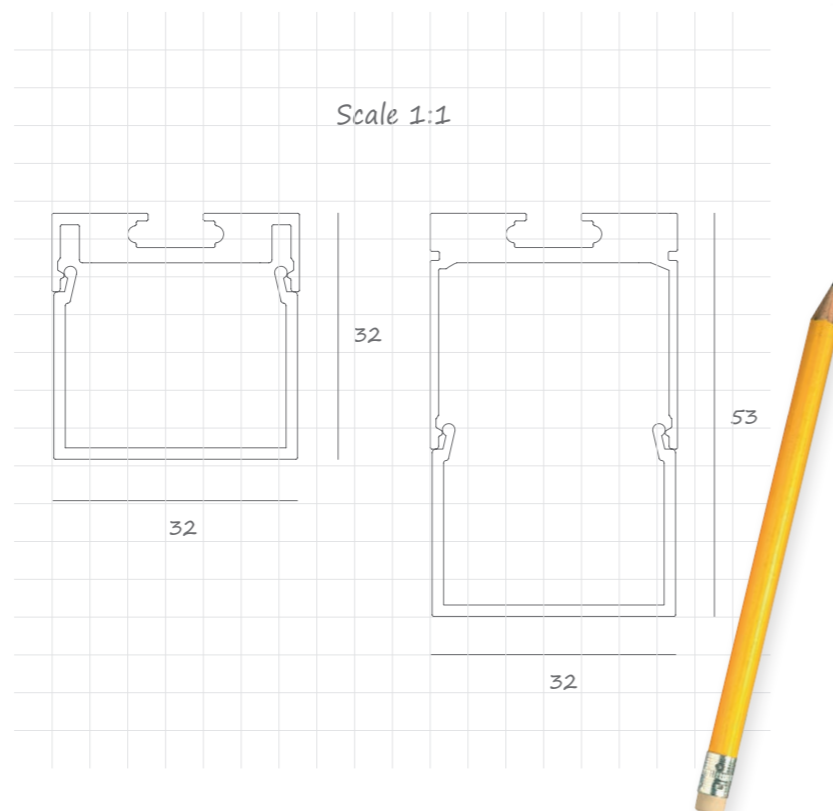
Profiles System



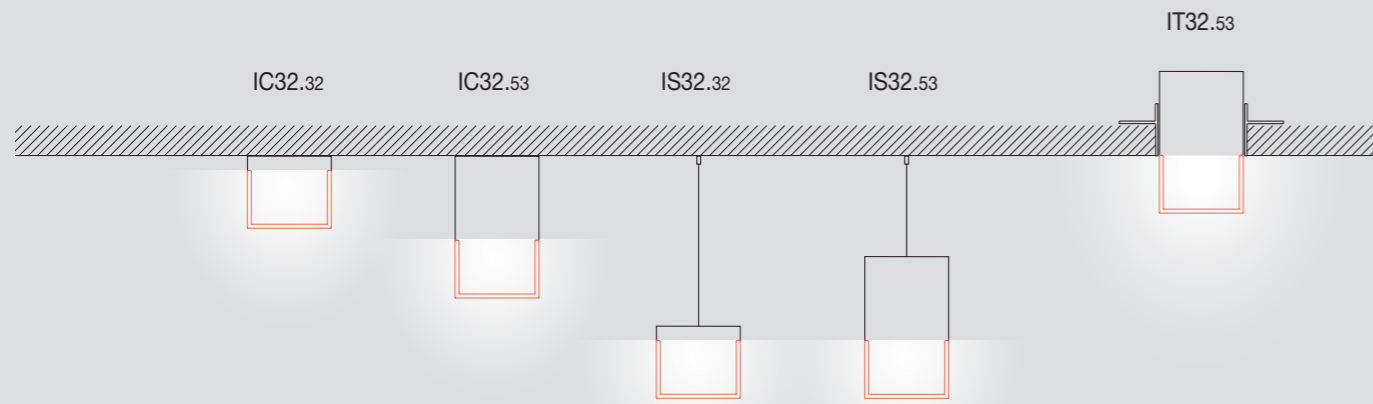
Unique profiles with ICE diffusers that provide three dimensions of illumination. The light is more diffuse, soft and friendly to the surroundings. The ICE solutions make the room seem bigger.

Einzigartige Profile mit ICE-Diffusor, der ein dreidimensionales Leuchten gewährleistet. Das Licht ist diffus, weich und umgebungsfreundlich. Die ICE-Lösungen vergrößern scheinbar das Volumen des Raumes.

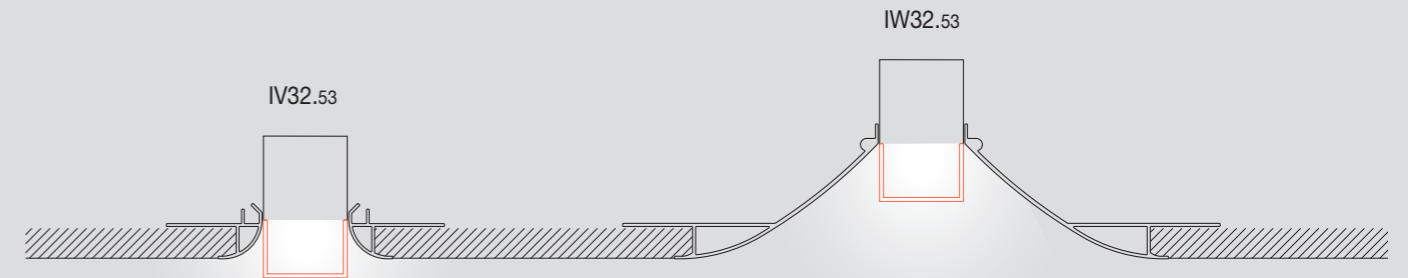
Unikatowe profile z dyfuzorem ICE, który zapewnia trzy wymiary świecenia. Światło jest bardziej rozproszone, miękkie i przyjazne dla otoczenia. Rozwiązania ICE pozornie powiększają kubaturę pomieszczenia.



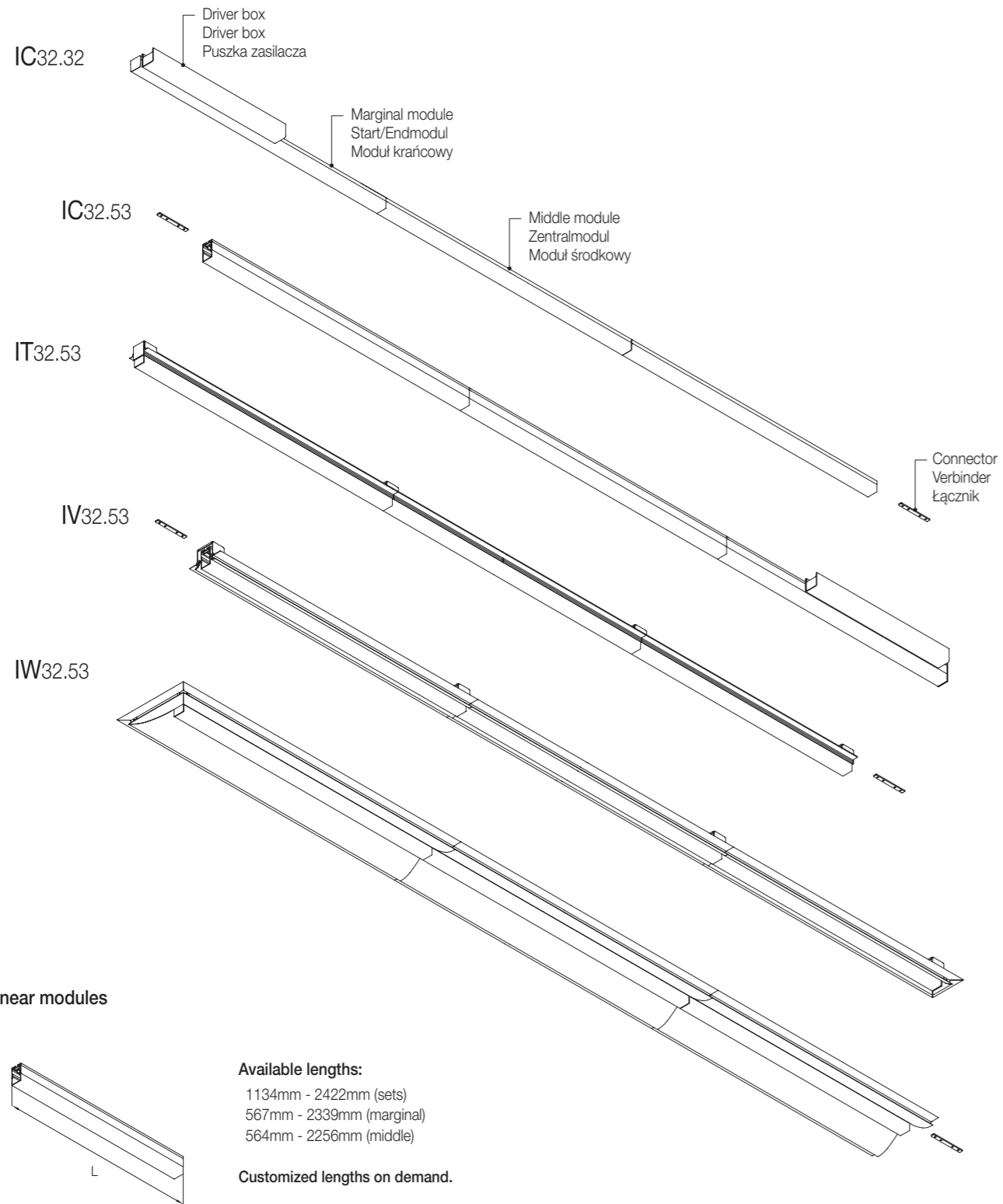
Mercure Hotel, Poland, Kaczmarek Studio S.C., arch. Iwona Kaczmarek, arch. Mirosław Kaczmarek



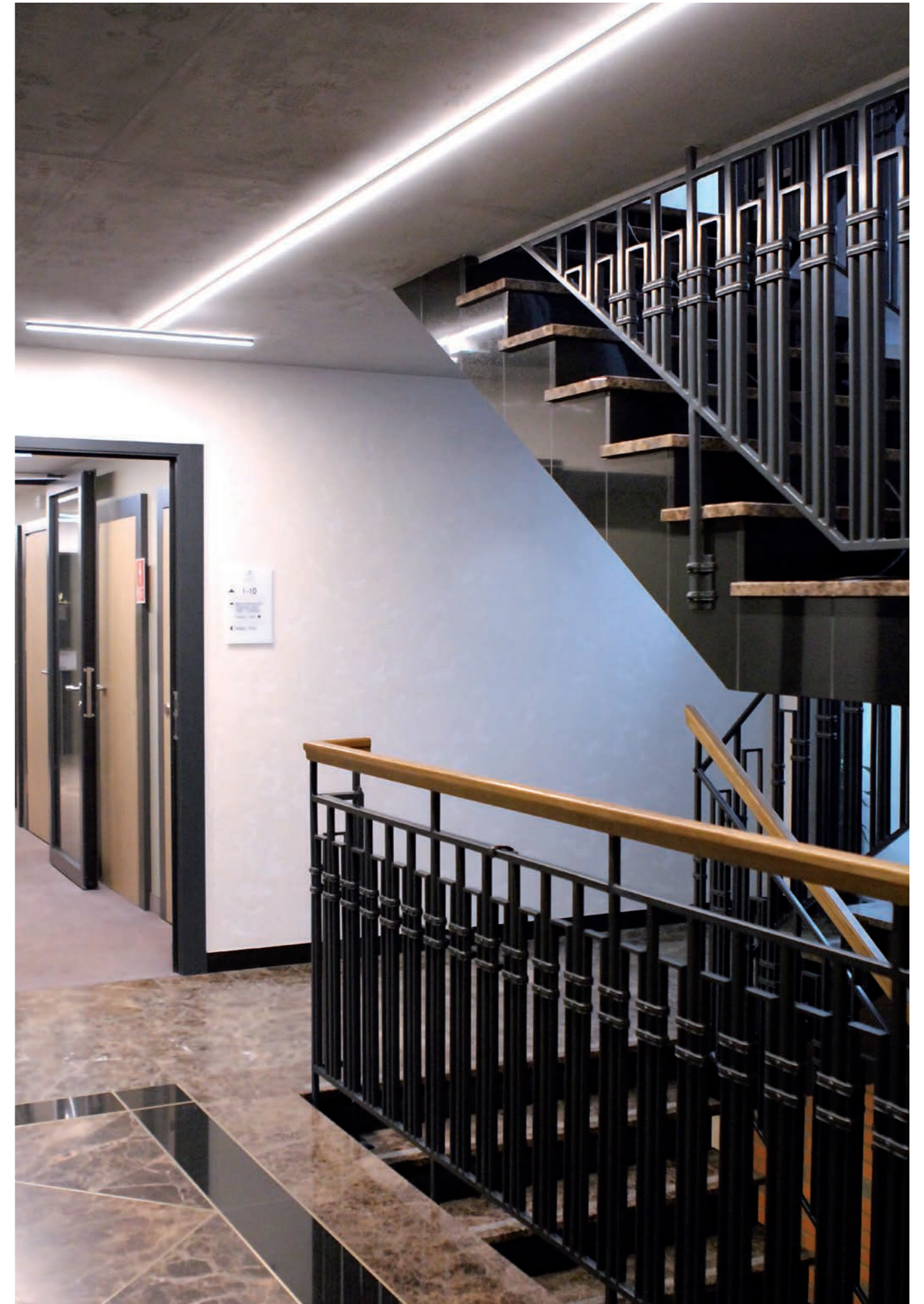
Version	Ceiling Anbau Nabudowany <small>page 156</small>		Suspended Abgependelt Zwieszany <small>page 160</small>		Trimless Einbau Rahmenlos Wbudowany bezramkowy <small>page 164</small>
Type	linear		linear		linear
Diffuser	ice		ice		ice
Light output	LED CC HE LED CC HO	up to 1255 lm/m up to 2515 lm/m	up to 1255 lm/m up to 2515 lm/m	up to 1025 lm/m up to 2055 lm/m	
Efficacy	LED CC	up to 82 lm/W	up to 82 lm/W	up to 67 lm/W	
CCT	3000K / 4000K		3000K / 4000K		3000K / 4000K
CRI	≥80		≥80		≥80
Control	on/off, DALI, Corridor System		on/off, DALI, Corridor System		on/off, DALI, Corridor System
Finishing	● ● ●		● ● ●		○



Shallow Einbau flach zurückgesetzt Wbudowany płytko cofnięty <small>page 168</small>		Deep Einbau tief zurückgesetzt Wbudowany głęboko cofnięty <small>page 172</small>
linear		linear
ice		ice
up to 820 lm/m up to 1645 lm/m		up to 915 lm/m up to 1825 lm/m
up to 55 lm/W		up to 60 lm/W
3000K / 4000K		3000K / 4000K
≥80		≥80
on/off, DALI, Corridor System		on/off, DALI, Corridor System
○		○



The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.



Almond Business & Spa Hotel, Poland, Ideograf

IC32.32

Profiles System

IC32.53

Profiles System



Typology:

Surface mounted aluminium profiles with soft light.

Material and finishing:

Anodised or white/black painted aluminium.

Diffuser:

ice.

Feeding:

Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Aufbauprofil direkt strahlend mit zerstreuter Licht.

Material und Ausführung:

Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:

ice.

Einspeisung:

Vorschaltgerät und driver box - 230V/50Hz, I Schutzklasse, Profile - III Schutzklasse.

Typologia:

Nabudowany, aluminiowy profil świecący miękkim światłem.

Materiał i wykończenie:

Aluminium anodowane lub malowane na kolor biały/czarny.

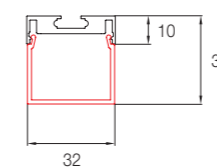
Dyfuzor:

ice.

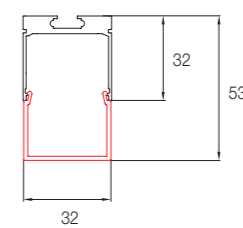
Zasilanie:

Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.







IC32.32

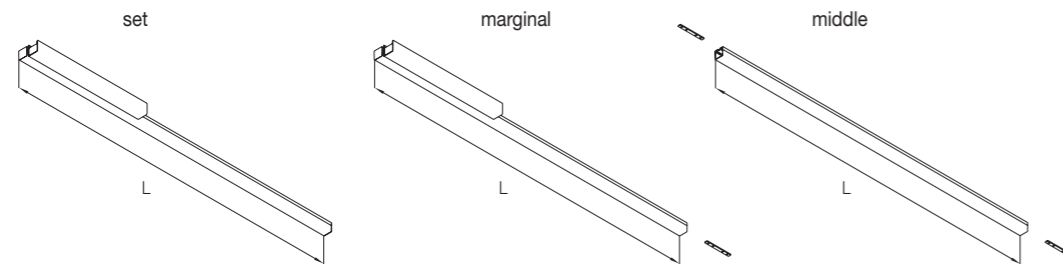


IC32.53



Linear

	 length	 length	 length	 power	 ice	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	675 710lm	2 300b 4d1f 01/26j
	—	849mm	846mm	12.9W	1010 1065lm	2 300b 4d1f 02/26j
	1134mm	1131mm	1128mm	17.2W	1345 1415lm	2 300b 4d1f 03/26j
	1698mm	1695mm	1692mm	25.9W	2020 2125lm	2 300b 4d1f 04/26j
	2262mm	2259mm	2256mm	34.5W	2695 2835lm	2 300b 4d1f 05/26j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	17.2W	1345 1415lm	2 300b 4d2f 01/26j
	—	849mm	846mm	25.9W	2020 2125lm	2 300b 4d2f 02/26j
	1134mm	1131mm	1128mm	34.5W	2695 2835lm	2 300b 4d2f 03/26j
	1698mm	1695mm	1692mm	51.7W	4040 4250lm	2 300b 4d2f 04/26j
	2262mm	2259mm	2256mm	69W	5385 5665lm	2 300b 4d2f 05/26j









Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	white	4	3000K	WW
marginal	1	on/off	5	black	5	4000K	W
middle	2	Corridor System	C	anodise	6		

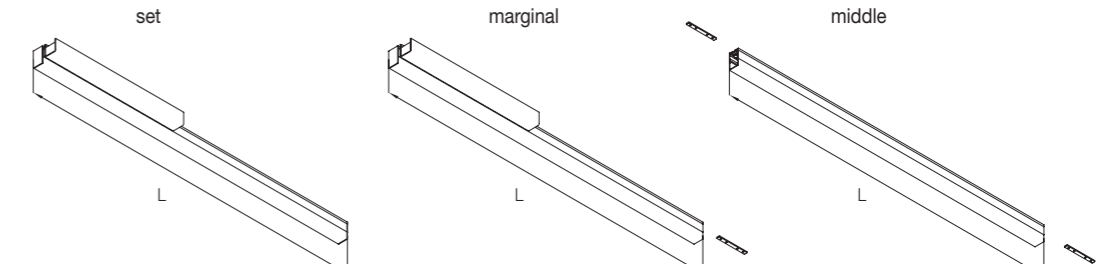
* LED modules supplied with Constant Current, external driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Linear

	 length	 length	 length	 power	 ice	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	550 580lm	2 400b 4d1f 01/26j
	—	849mm	846mm	12.9W	825 870lm	2 400b 4d1f 02/26j
	1134mm	1131mm	1128mm	17.2W	1100 1160lm	2 400b 4d1f 03/26j
	1698mm	1695mm	1692mm	25.9W	1650 1740lm	2 400b 4d1f 04/26j
	2262mm	2259mm	2256mm	34.5W	2205 2320lm	2 400b 4d1f 05/26j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	17.2W	1100 1160lm	2 400b 4d2f 01/26j
	—	849mm	846mm	25.9W	1650 1740lm	2 400b 4d2f 02/26j
	1134mm	1131mm	1128mm	34.5W	2205 2320lm	2 400b 4d2f 03/26j
	1698mm	1695mm	1692mm	51.7W	3305 3475lm	2 400b 4d2f 04/26j
	2262mm	2259mm	2256mm	69W	4405 4635lm	2 400b 4d2f 05/26j



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	white	4	3000K	WW
marginal	1	on/off	5	black	5	4000K	W
middle	2	Corridor System	C	anodise	6		

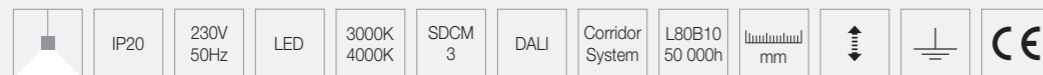
IS32.32

Profiles System



IS32.53

Profiles System



Typology:
Suspended mounted aluminium profiles with soft light.

Material and finishing:
Anodised or white/black painted aluminium.

Diffuser:
ice.

Feeding:
Driver and driver box - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:
Aufbauprofil direkt strahlend mit zerstreuter Licht.

Material und Ausführung:
Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:
ice.

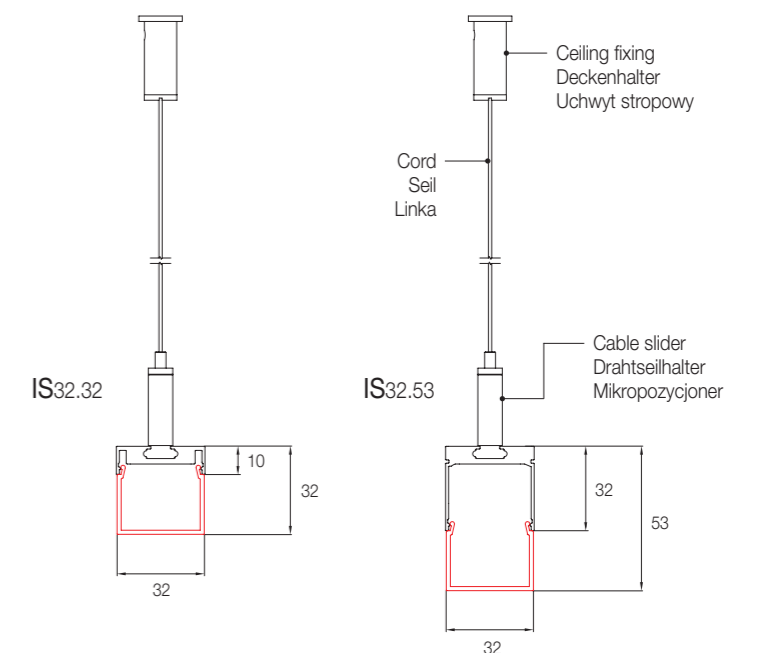
Einspeisung:
Vorschaltgerät und driver box - 230V/50Hz, I Schutzklasse, Profile - III Schutzklasse.

Typologia:
Zwieszany, aluminiowy profil świecący miękkim światłem.

Materiał i wykończenie:
Aluminium anodowane lub malowane na kolor biały/czarny.

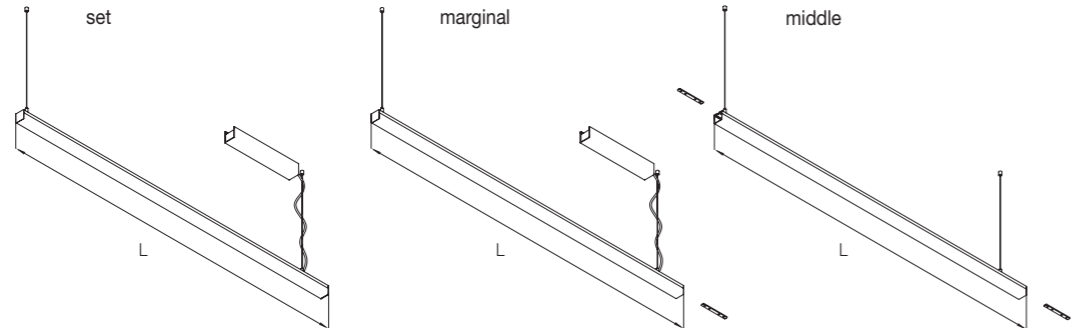
Dyfuzor:
ice.

Zasilanie:
Zasilacz i puszka zasilacza - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



Linear

	 length	 length	 length	 power	 ice	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	675 710lm	2 310b 0d1f 01/26j
	—	849mm	846mm	12.9W	1010 1065lm	2 310b 0d1f 02/26j
	1134mm	1131mm	1128mm	17.2W	1345 1415lm	2 310b 0d1f 03/26j
	1698mm	1695mm	1692mm	25.9W	2020 2125lm	2 310b 0d1f 04/26j
	2262mm	2259mm	2256mm	34.5W	2695 2835lm	2 310b 0d1f 05/26j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	17.2W	1345 1415lm	2 310b 0d2f 01/26j
	—	849mm	846mm	25.9W	2020 2125lm	2 310b 0d2f 02/26j
	1134mm	1131mm	1128mm	34.5W	2695 2835lm	2 310b 0d2f 03/26j
	1698mm	1695mm	1692mm	51.7W	4040 4250lm	2 310b 0d2f 04/26j
	2262mm	2259mm	2256mm	69W	5385 5665lm	2 310b 0d2f 05/26j









Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	white	4	3000K	WW
marginal	1	on/off	5	black	5	4000K	W
middle	2	Corridor System	C	anodise	6		

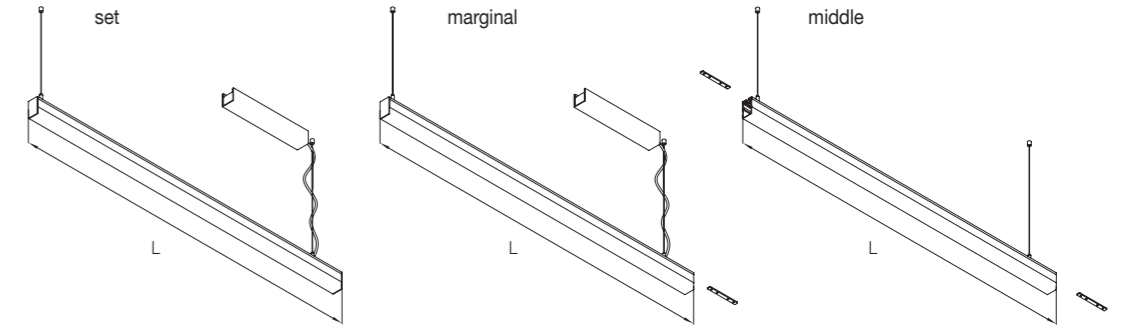
* LED modules supplied with Constant Current, external driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Linear

	 length	 length	 length	 power	 ice	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	550 580lm	2 410b 0d1f 01/26j
	—	849mm	846mm	12.9W	825 870lm	2 410b 0d1f 02/26j
	1134mm	1131mm	1128mm	17.2W	1100 1160lm	2 410b 0d1f 03/26j
	1698mm	1695mm	1692mm	25.9W	1650 1740lm	2 410b 0d1f 04/26j
	2262mm	2259mm	2256mm	34.5W	2205 2320lm	2 410b 0d1f 05/26j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	17.2W	1100 1160lm	2 410b 0d2f 01/26j
	—	849mm	846mm	25.9W	1650 1740lm	2 410b 0d2f 02/26j
	1134mm	1131mm	1128mm	34.5W	2205 2320lm	2 410b 0d2f 03/26j
	1698mm	1695mm	1692mm	51.7W	3305 3475lm	2 410b 0d2f 04/26j
	2262mm	2259mm	2256mm	69W	4405 4635lm	2 410b 0d2f 05/26j



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	white	4	3000K	WW
marginal	1	on/off	5	black	5	4000K	W
middle	2	Corridor System	C	anodise	6		

IT 32.53

Profiles System



Typology:

Recessed mounted (trimless) aluminium profiles with soft light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

ice.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Aufbauprofil direkt strahlend mit zerstreuter Licht.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereitet zum Malen).

Abdeckung:

ice.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (bezramkowy), aluminiowy profil świecący miękkim światłem.

Materiał i wykończenie:

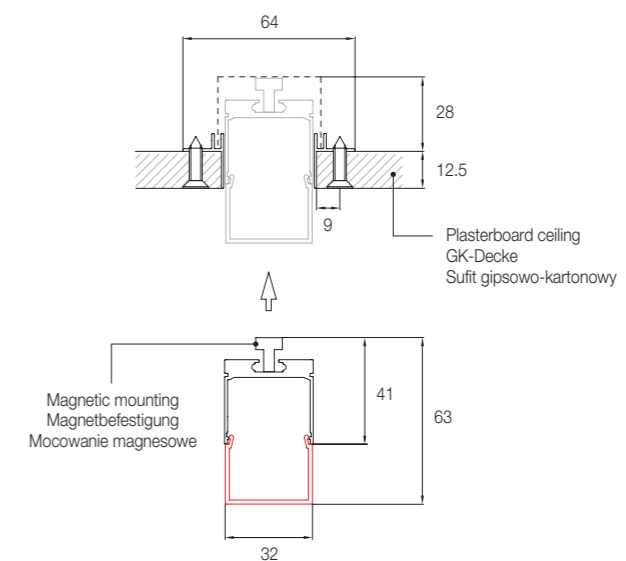
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:

ice.

Zasilanie:







Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.






IT 32.53

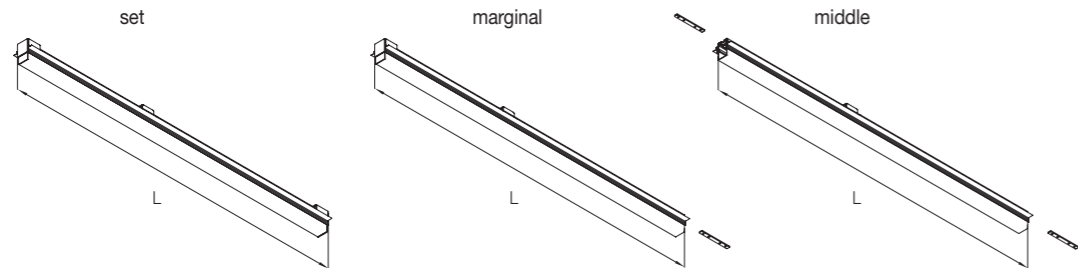
Profiles System

Linear

	 length	 length	 length	 power	 ice	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	
	—	569mm	564mm	8.6W	550 580lm	2 430 b 2d10 01/26j
	—	851mm	846mm	12.9W	825 870lm	2 430 b 2d10 02/26j
	1138mm	1133mm	1128mm	17.2W	1100 1160lm	2 430 b 2d10 03/26j
	1702mm	1697mm	1692mm	25.9W	1650 1740lm	2 430 b 2d10 04/26j
2266mm	2261mm	2256mm	34.5W	2205 2320lm	2 430 b 2d10 05/26j	

	set	marginal	middle		3000 4000K	
Version with LED CC* high output (HO)	—	569mm	564mm	17.2W	1100 1160lm	2 430 b 2d20 01/26j
	—	851mm	846mm	25.9W	1650 1740lm	2 430 b 2d20 02/26j
	1138mm	1133mm	1128mm	34.5W	2205 2320lm	2 430 b 2d20 03/26j
	1702mm	1697mm	1692mm	51.7W	3305 3475lm	2 430 b 2d20 04/26j
	2266mm	2261mm	2256mm	69W	4405 4635lm	2 430 b 2d20 05/26j

 set (L+2mm) x 36mm
 marginal (L+1mm) x 36mm
 middle L x 36mm
 Hmin = 100mm (for driver)



Module	b	Control	d	CCT	j
set	0	DALI	4	3000K	WW
marginal	1	on/off	5	4000K	W
middle	2	Corridor System	C		

* LED modules supplied with Constant Current, external driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałą prądowo, zewnętrzny zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Osiedle Nowa Motława, Poland, Pracownia Projektowa Sikora Wnętrza

IV32.53

Profiles System



Typology:

Recessed mounted (shallow) aluminium profiles with soft light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

ice.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Aufbauprofil direkt strahlend mit zerstreuter Licht.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereit zum Malen).

Abdeckung:

ice.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (płytko cofnięty), aluminiowy profil świecący miękkim światłem.

Materiał i wykończenie:

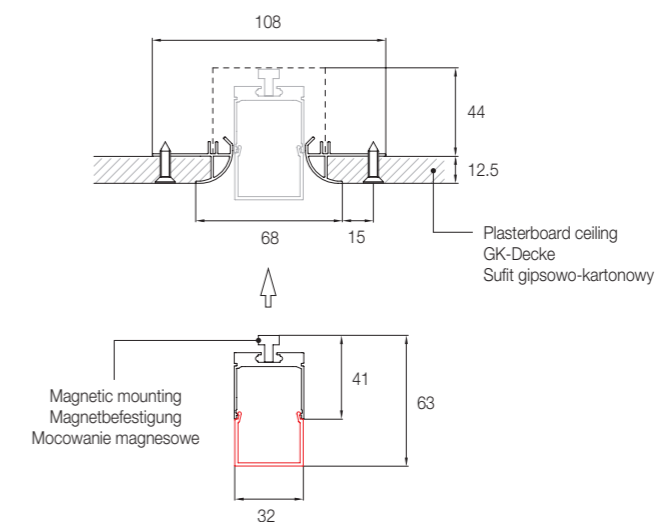
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:

ice.

Zasilanie:







Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.




IV32.53

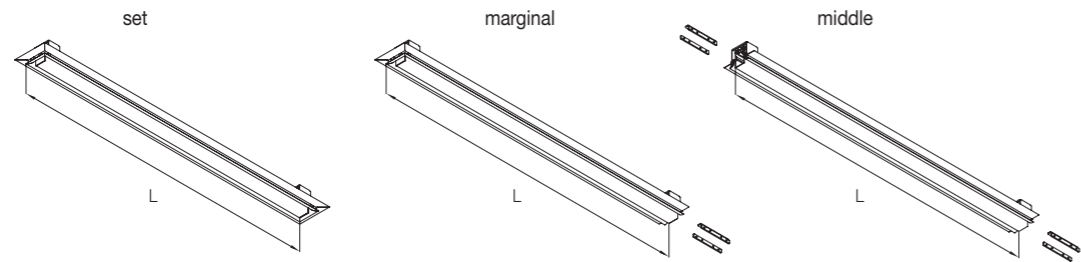
Profiles System

Linear

	 length	 length	 length	 power	 ice	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	
	—	585mm	564mm	8.6W	440 465lm	2 440b 2d10 01/26j
	—	867mm	846mm	12.9W	660 695lm	2 440b 2d10 02/26j
	1170mm	1149mm	1128mm	17.2W	880 925lm	2 440b 2d10 03/26j
	1734mm	1713mm	1692mm	25.9W	1320 1390lm	2 440b 2d10 04/26j
	2298mm	2277mm	2256mm	34.5W	1765 1855lm	2 440b 2d10 05/26j

	set	marginal	middle		3000 4000K	
Version with LED CC* high output (HO)	—	585mm	564mm	17.2W	880 925lm	2 440b 2d20 01/26j
	—	867mm	846mm	25.9W	1320 1390lm	2 440b 2d20 02/26j
	1170mm	1149mm	1128mm	34.5W	1765 1855lm	2 440b 2d20 03/26j
	1734mm	1713mm	1692mm	51.7W	2645 2780lm	2 440b 2d20 04/26j
	2298mm	2277mm	2256mm	69W	3525 3710lm	2 440b 2d20 05/26j

 L x 70mm
Hmin = 100mm (for driver)

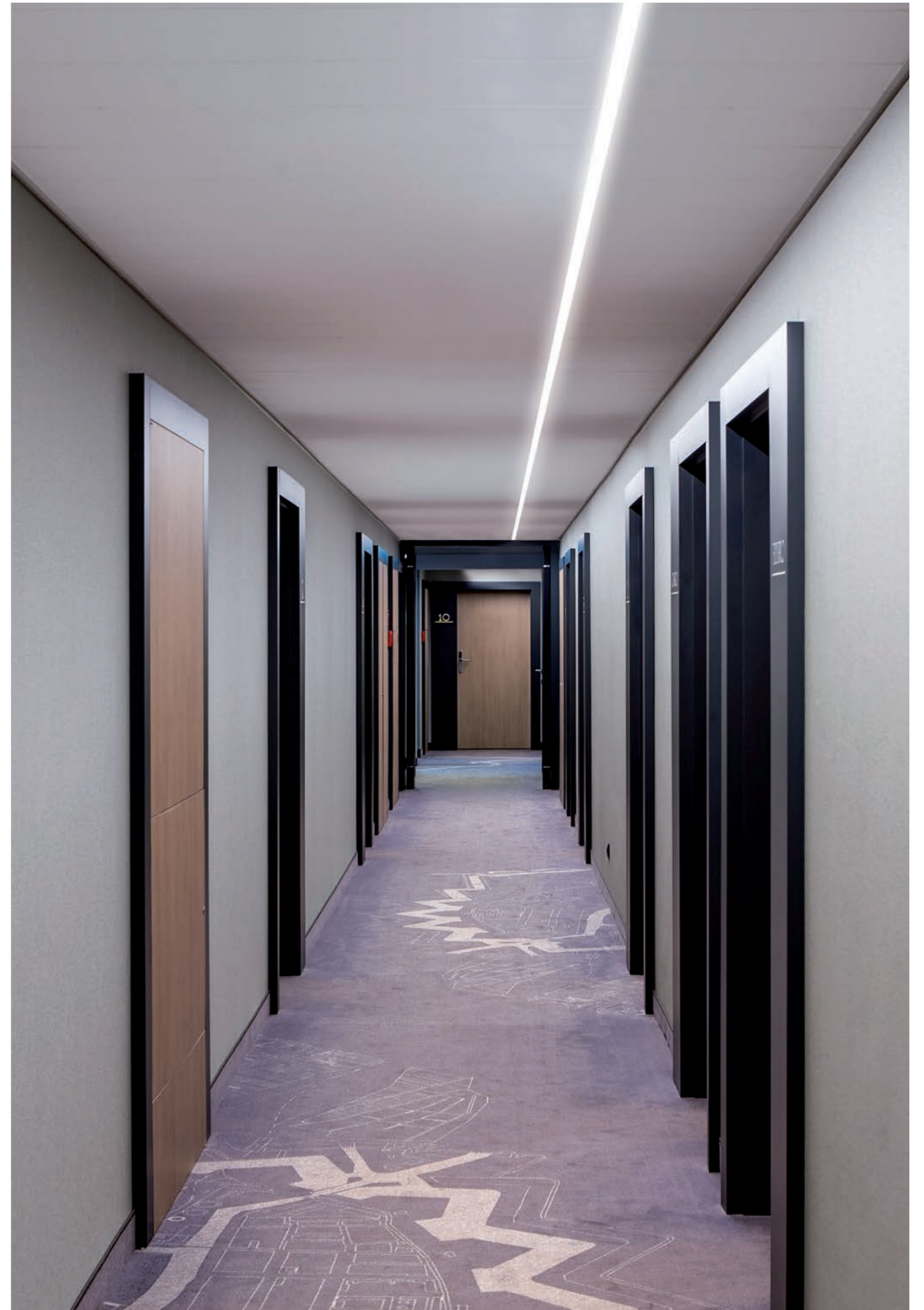


Module	b	Control	d	CCT	j
set	0	DALI	4	3000K	WW
marginal	1	on/off	5	4000K	W
middle	2	Corridor System	C		

* LED modules supplied with Constant Current, external driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zewnętrzny zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Almond Business & Spa Hotel, Poland, Ideograf

IW32.53

Profiles System



Typology:

Recessed mounted (deep) aluminium profiles with soft light.

Material and finishing:

Anodised aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

ice.

Feeding:

Driver - 230V/50Hz, I class protection. Profiles - III class protection.

Typologie:

Aufbauprofil direkt strahlend mit zerstreuter Licht.

Material und Ausführung:

Aluprofil eloxiert, Einbaurahmen grundiert (vorbereit zum Malen).

Abdeckung:

ice.

Einspeisung:

Vorschaltgerät - 230V/50Hz, I Schutzklasse. Profile - III Schutzklasse.

Typologia:

Wbudowany (głęboko cofnięty), aluminiowy profil świecący miękkim światłem.

Materiał i wykończenie:

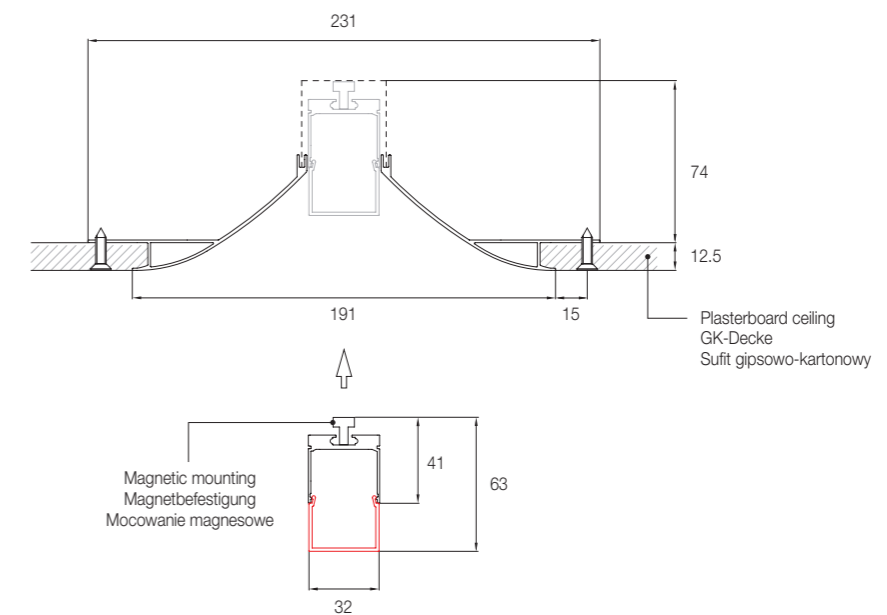
Anodowany profil aluminiowy, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania).

Dyfuzor:

ice.

Zasilanie:







Zasilacz - 230V/50Hz, I klasa ochronności. Profile - III klasa ochronności.



IW32.53


Profiles System

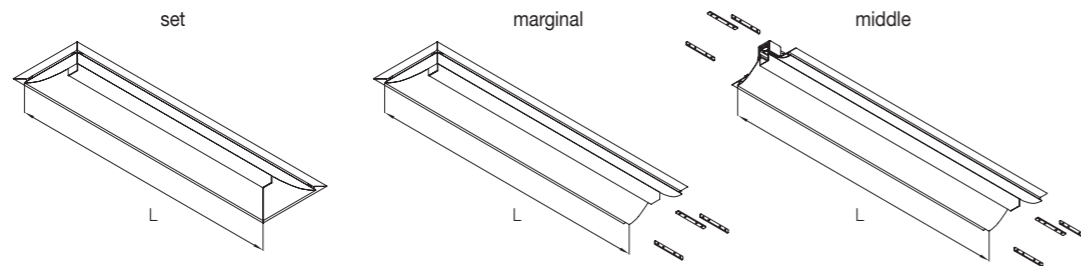
Linear

					
length	length	length	power	ice	code

Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	
—	—	647mm	564mm	8.6W	490 515lm	2 450b 2d10 01/26j
—	—	929mm	846mm	12.9W	735 775lm	2 450b 2d10 02/26j
1294mm	1211mm	1128mm	17.2W	980 1030lm		2 450b 2d10 03/26j
1858mm	1775mm	1692mm	25.9W	1470 1545lm		2 450b 2d10 04/26j
2422mm	2339mm	2256mm	34.5W	1960 2060lm		2 450b 2d10 05/26j

Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	
—	—	647mm	564mm	17.2W	980 1030lm	2 450b 2d20 01/26j
—	—	929mm	846mm	25.9W	1470 1545lm	2 450b 2d20 02/26j
1294mm	1211mm	1128mm	34.5W	1960 2060lm		2 450b 2d20 03/26j
1858mm	1775mm	1692mm	51.7W	2940 3090lm		2 450b 2d20 04/26j
2422mm	2339mm	2256mm	69W	3920 4120lm		2 450b 2d20 05/26j

 L x 194mm
Hmin = 100mm (for driver)



Module	b	Control	d	CCT	j
set	0	DALI	4	3000K	WW
marginal	1	on/off	5	4000K	W
middle	2	Corridor System	C		

* LED modules supplied with Constant Current, external driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. externer Vorschaltgeräte.
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałą prądowo, zewnętrzny zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Hala Koszyki, Poland, Medusa Group

H36

Profiles System



H36 - Two-faced aloofness.

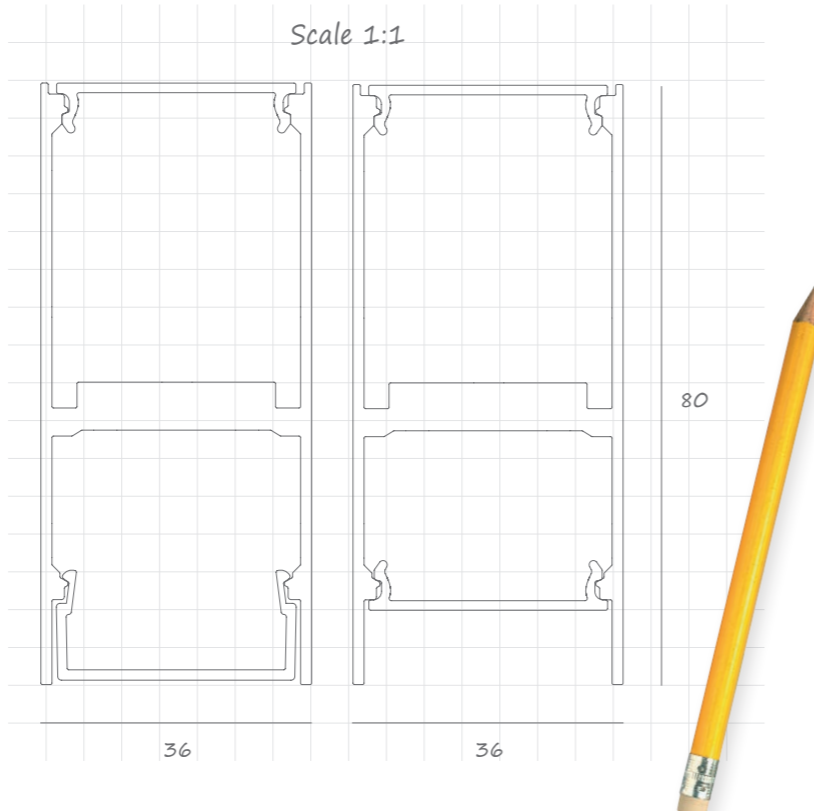
Black and white, sweet and sour, sugar and salt. These are antonyms existing in symbiosis. Seemingly at different ends of the spectrum, yet close to each other. H36 offers such a solution. The elegant ones will enjoy the theatrical Elite or exceptional C-Shade. The minimalists who like comfort will choose BB-Chili or satin Deep. Always together and yet separate – bound in rapture.

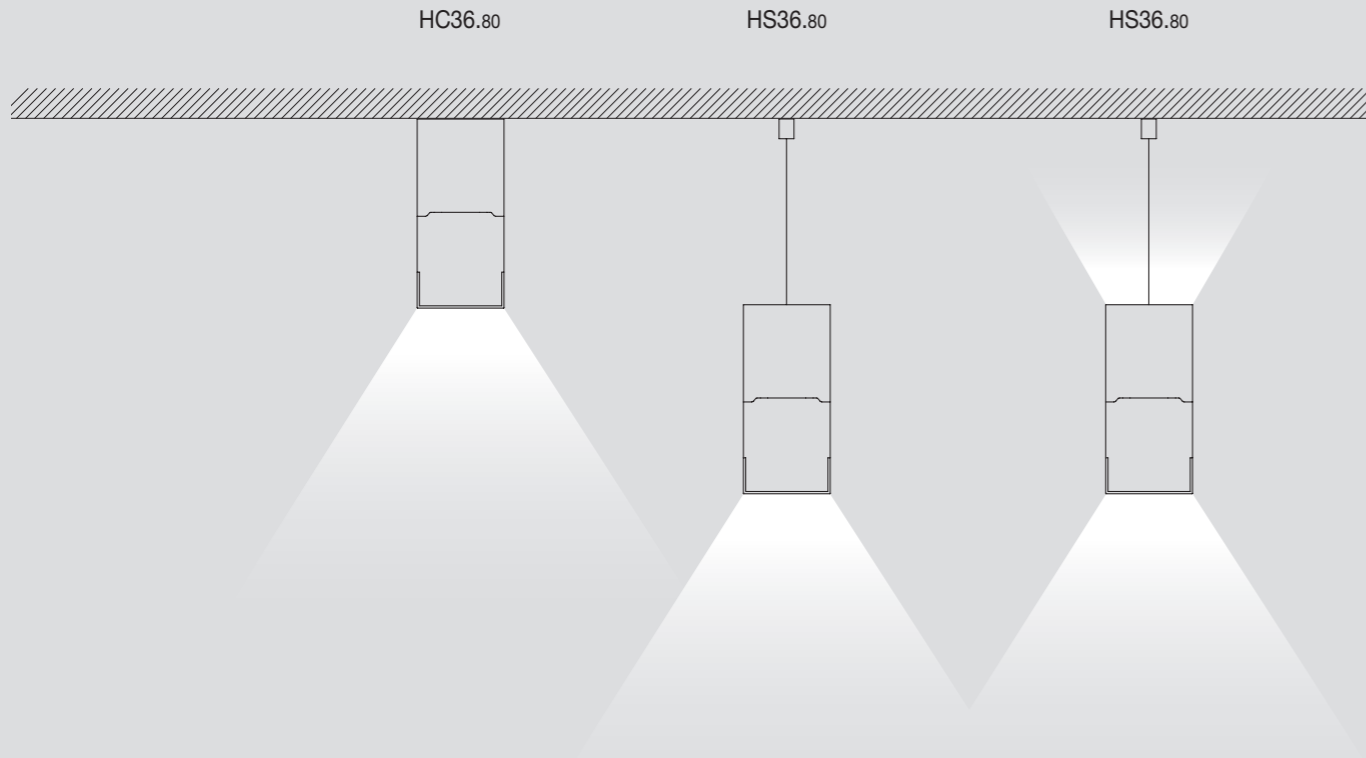
H36 - Unaufrichtige Hochmut.

Weiß und schwarz, süß und sauer, Zucker und Salz sind Antonyme die in Symbiose leben. Im Gegenteil, aber immer nebeneinander. So ist es auch mit H36 Lösung. Für Elegante ein theatralischer Elite oder ein einzigartiger C-Shade. Für Minimalisten die Komfort schätzen BB-Chili oder satinierter Deep. Immer zusammen, obwohl jeder einzeln ist - in Hochstimmung verheddert.

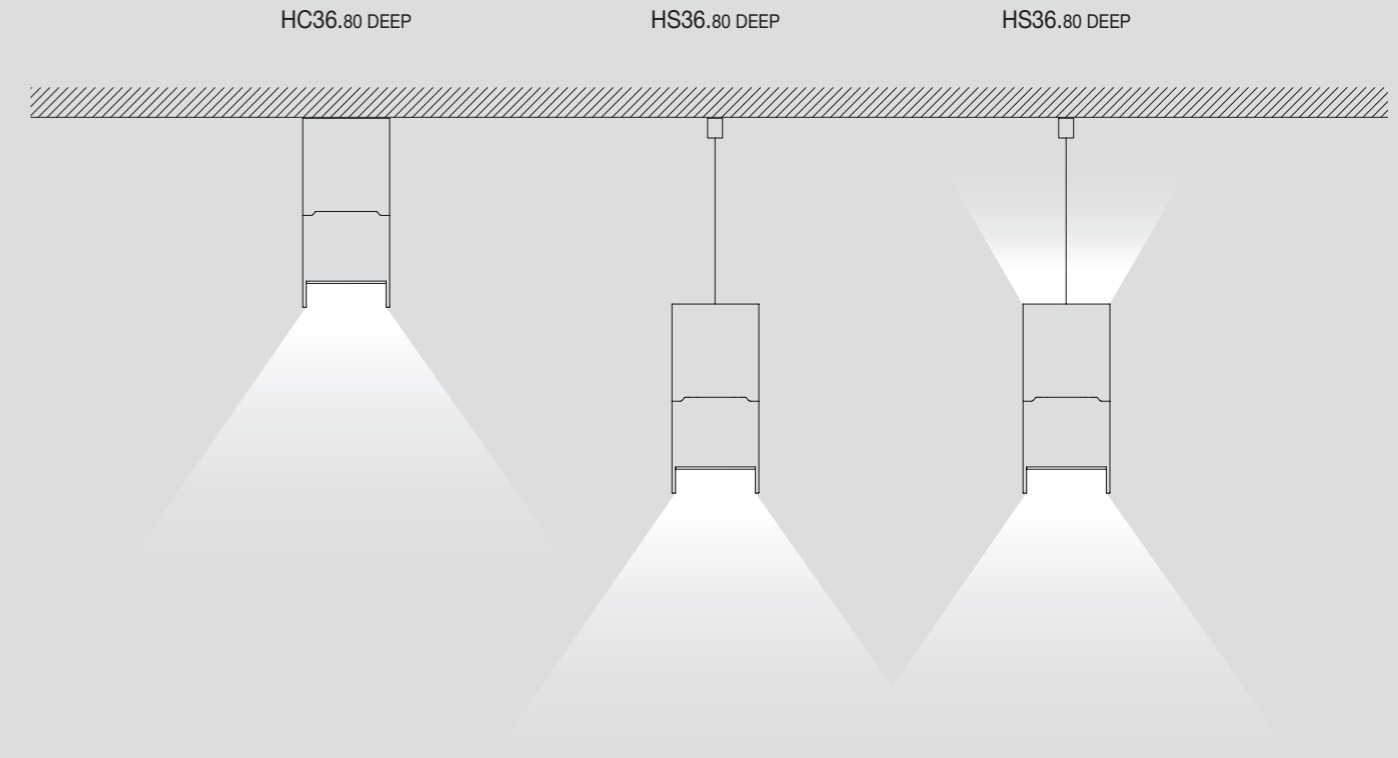
H36 - Dwulicowa wyniosłość.

Biało i czarno, słodko i kwaśno, cukier i sól. To antonimy, które żyją w symbiozie. Niby przeciwnie ale zawsze obok siebie. Tak jest z rozwiązaniem H36. Dla eleganckich teatralny Elite lub wyjątkowy C-Shade. Dla minimalistycznych, ale ceniących komfort, BB-Chili lub satynowy Deep. Zawsze razem, choć każde z osobna – spleceni w uniesieniu.



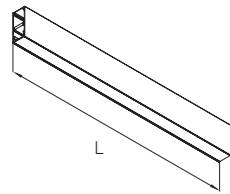


Version	HC36.80	HS36.80	HS36.80
	Ceiling Anbau Nabudowany page 186	Suspended Abgependelt Zwieszany page 192	Suspended Abgependelt Zwieszany page 192
Type	linear BB-ELITE connectors	linear BB-ELITE connectors	linear BB-ELITE connectors
Diffuser	c-shade	c-shade	c-shade
Light output	LED CC HE	up to 1140 lm/m	up to 1140+ 975 lm/m
	LED CC HO	up to 2285 lm/m	up to 2285+975 lm/m
	Power LED	up to 195 lm/pc.	up to 195 lm/pc.
CCT	3000K / 4000K	3000K / 4000K	3000K / 4000K
CRI	>80	>80	>80
Control	on/off, DALI	on/off, DALI	on/off, DALI
Finishing	● ● ●	● ● ●	● ● ●



Version	HC36.80 DEEP	HS36.80 DEEP	HS36.80 DEEP
	Ceiling Anbau Nabudowany page 186	Suspended Abgependelt Zwieszany page 192	Suspended Abgependelt Zwieszany page 192
Type	linear BB-CHILI connectors	linear BB-CHILI connectors	linear BB-CHILI connectors
Diffuser	satine	satine	satine
Light output	LED CC HE	up to 845 lm/m	up to 845+975 lm/m
	LED CC HO	up to 1690 lm/m	up to 1690+975 lm/m
	Power LED	up to 210 lm/pc.	up to 210 lm/pc.
CCT	3000K / 4000K	3000K / 4000K	3000K / 4000K
CRI	>80	>80	>80
Control	on/off, DALI	on/off, DALI	on/off, DALI
Finishing	● ● ●	● ● ●	● ● ●

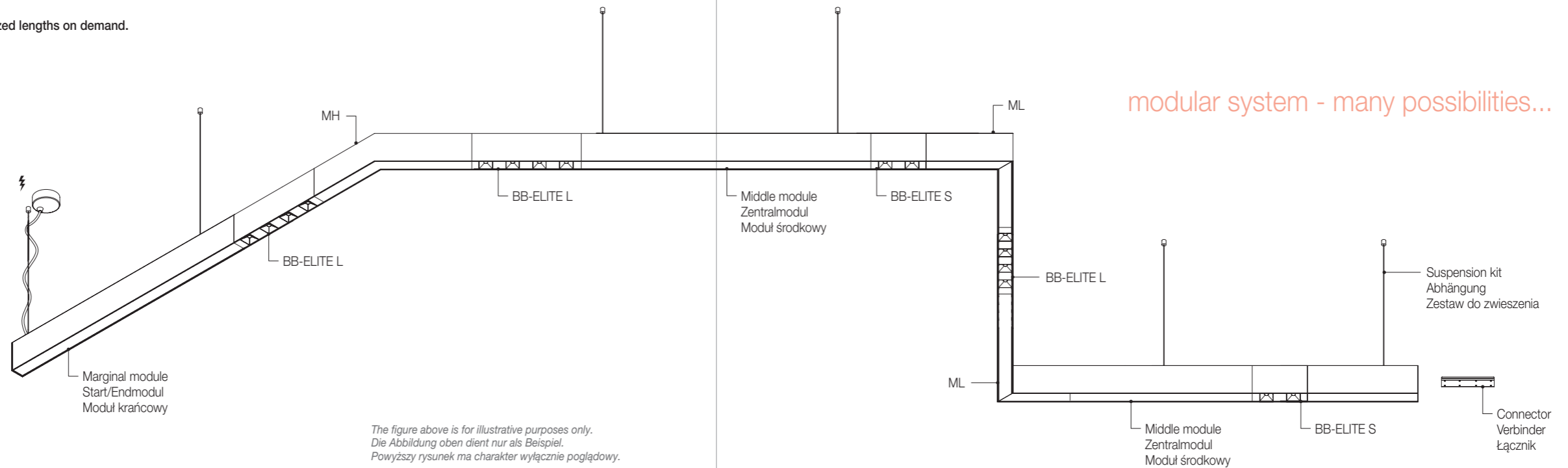
Linear modules



Available lengths:

- 1134mm - 2262mm (sets)
- 567mm - 2259mm (marginal)
- 564mm - 2256mm (middle)

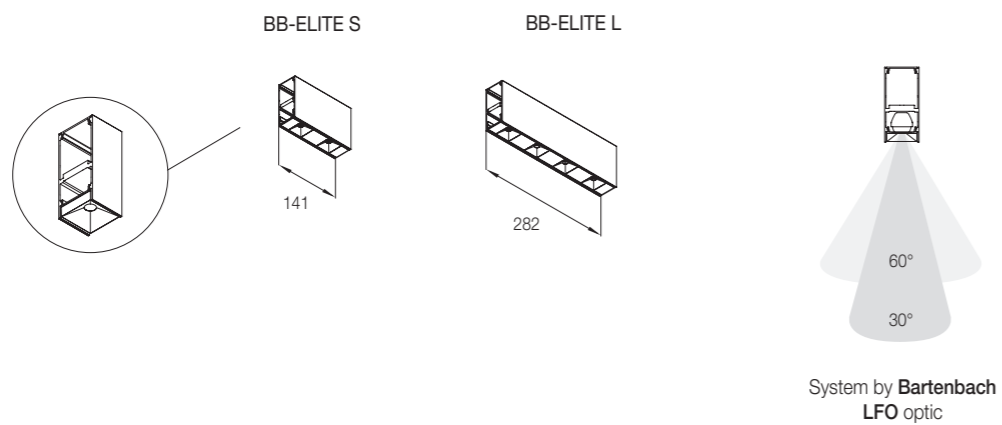
Customized lengths on demand.



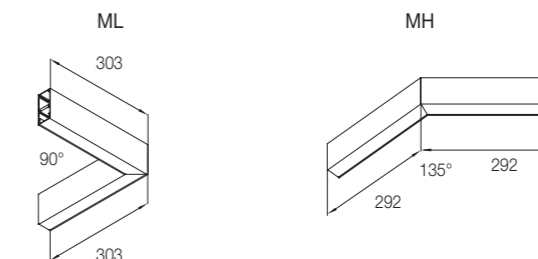
H36.80

modular system - many possibilities...

BB-ELITE modules



Connectors modules

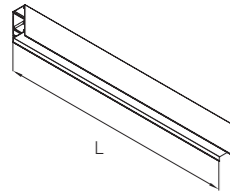


All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, końcowa lub środkowa).

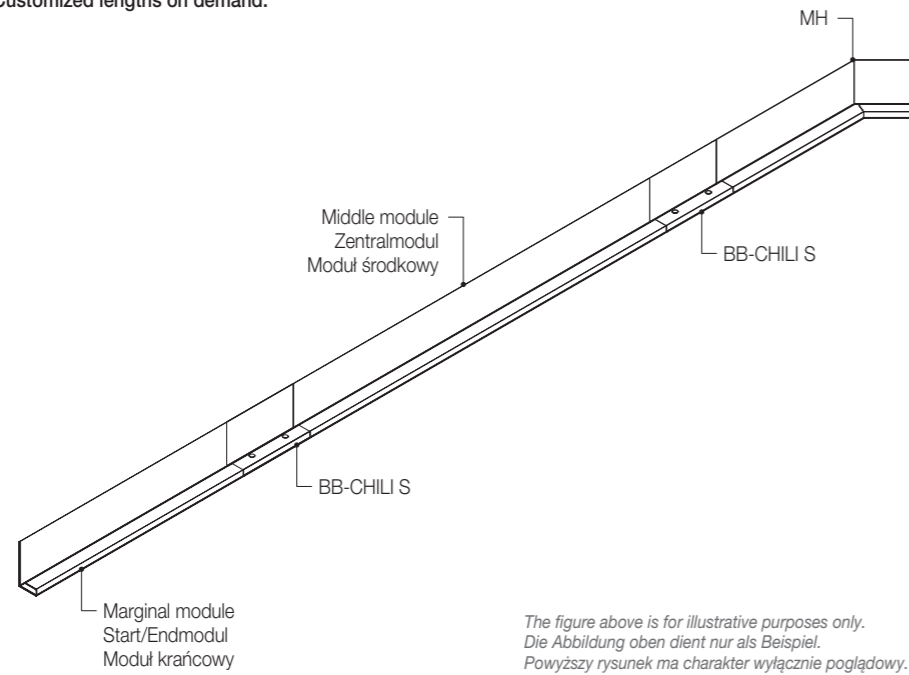
Linear modules



Available lengths:

- 1134mm - 2262mm (sets)
- 567mm - 2259mm (marginal)
- 564mm - 2256mm (middle)

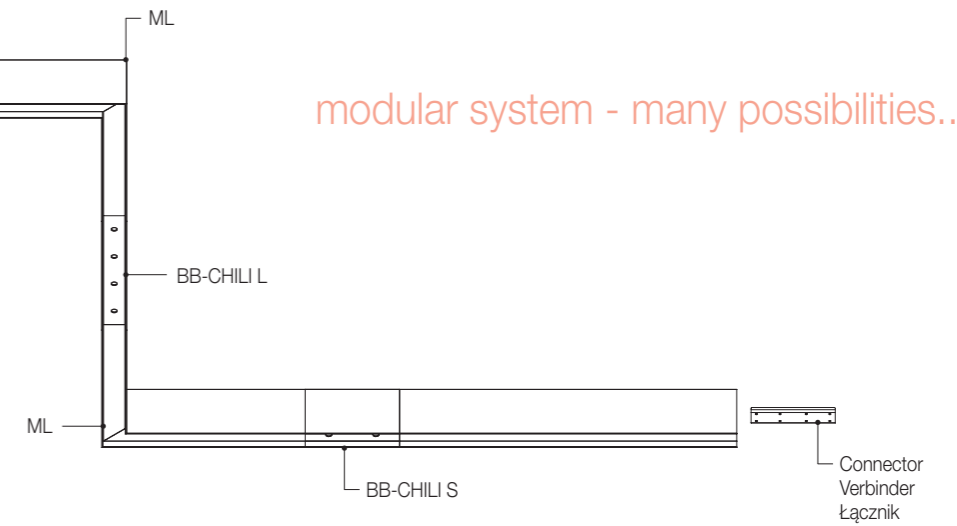
Customized lengths on demand.



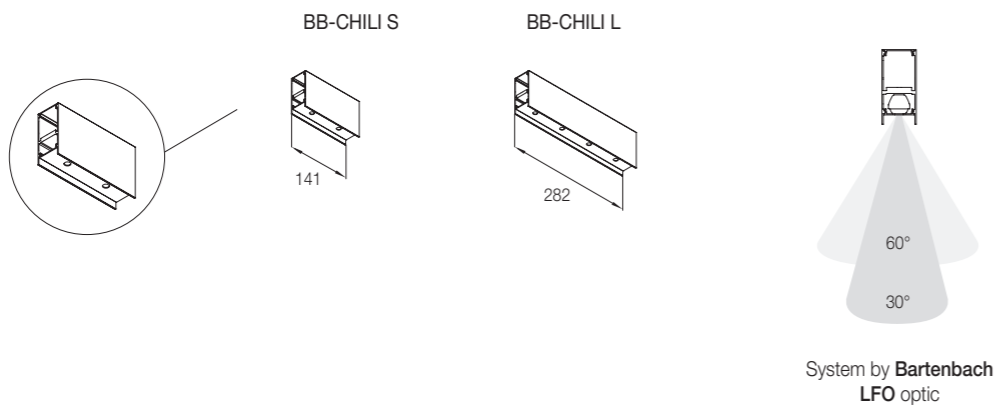
The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

HC36.80 DEEP

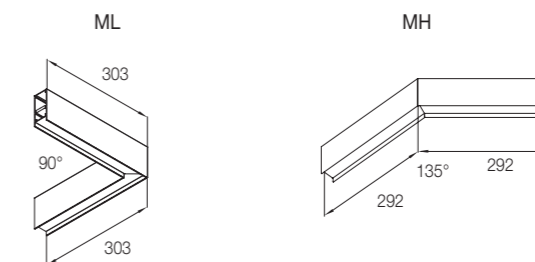
modular system - many possibilities...



BB-CHILI modules



Connectors modules



All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



HC36.80

Profiles System



Typology:

Surface mounted aluminium profiles with direct light.

Material and finishing:

White/black/RAL9006 painted aluminium.

Diffuser / Optic:

c-shade diffuser / satine, system by Bartenbach LFO optic.

Feeding:

230V/50Hz, I class protection.

Typologie:

Aufbauprofil direkt strahlend.

Material und Ausführung:

Aluprofil weiß/schwarz/RAL9006 lackiert.

Abdeckung / Optik:

C-Shade / Satine Abdeckung, System Bartenbach LFO optik.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

Aluminium malowane na kolor biały/czarny/RAL9006.

Dyfuzor / Optyka:

dyfuzor c-shade / satyna, system Bartenbach LFO optik.

Zasilanie:

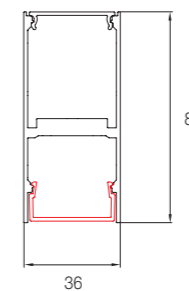
230V/50Hz, I klasa ochronności.

HC36.80 DEEP

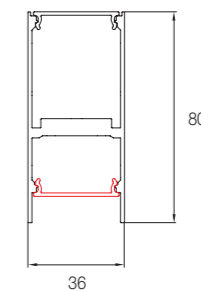
Profiles System









HC36.80



HC36.80 DEEP

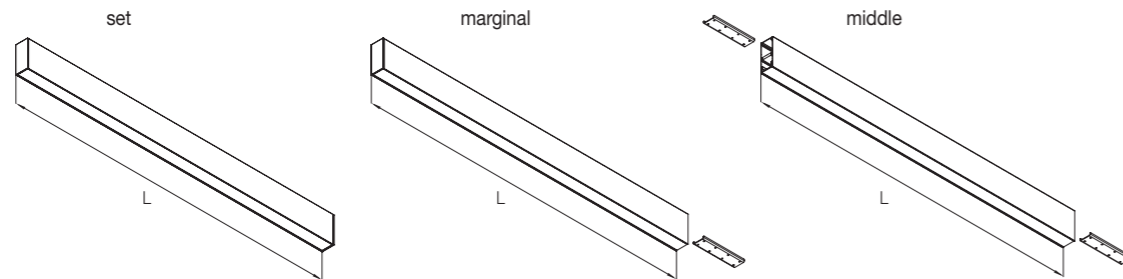


Linear

	 length	 length	 length	 power	 c-shade	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	610 645lm	2 800b 4d1f 02/27j
	—	849mm	846mm	12.9W	920 965lm	2 800b 4d1f 03/27j
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	2 800b 4d1f 04/27j
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2 800b 4d1f 05/27j
	2262mm	2259mm	2256mm	34.9W	2445 2575lm	2 800b 4d1f 06/27j

	set	marginal	middle	3000 4000K		
Version with LED CC* high output (HO)	—	567mm	564mm	17.2W	1225 1285lm	2 800b 4d2f 02/27j
	—	849mm	846mm	25.9W	1835 1930lm	2 800b 4d2f 03/27j
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	2 800b 4d2f 04/27j
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	2 800b 4d2f 05/27j
	2262mm	2259mm	2256mm	69W	4895 5150lm	2 800b 4d2f 06/27j

∇ Minimum length of the system: 1000mm.









Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

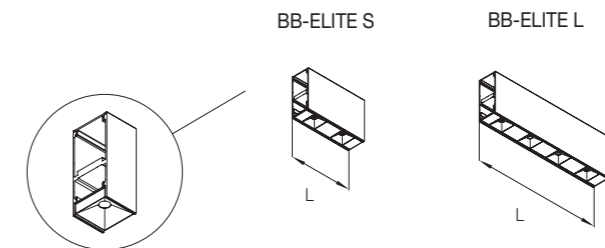
* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałą prądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.





Spots

	 length	 length	 power	 BB lens	 beam angle	 code
BB-ELITE	marginal	middle	3000 4000K			
BB-ELITE S	144mm	141mm	4.4W (2xPower LED)	340-350 380-390lm	30°, 60°	2 809b 4d9f 01/h0j
BB-ELITE L	285mm	282mm	8.7W (4xPower LED)	680-700 760-780lm	30°, 60°	2 809b 4d9f 02/h0j

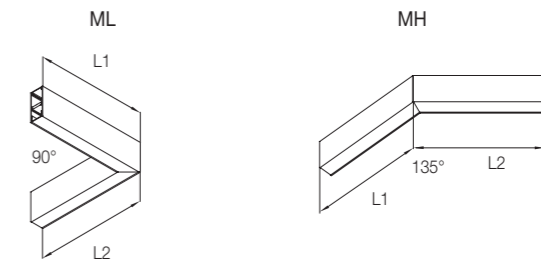
∇ Minimum length of the system: 1000mm.



Connectors

	 dimensions	 power	 c-shade	 code
Version with LED CC* high efficacy (HE)	L1 x L2	3000 4000K		
ML	303x303mm	8.6W	610 645lm	2 8032 4d1f 00/27j
MH	292x292mm	8.6W	610 645lm	2 8052 4d1f 00/27j
Version with LED CC* high output (HO)	L1 x L2	3000 4000K		
ML	303x303mm	17.2W	1225 1285lm	2 8032 4d2f 00/27j
MH	292x292mm	17.2W	1225 1285lm	2 8052 4d2f 00/27j

∇ Minimum length of the system: 1000mm.









Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white	4	60°	6	4000K	W
				black	5				

HC36.80 DEEP

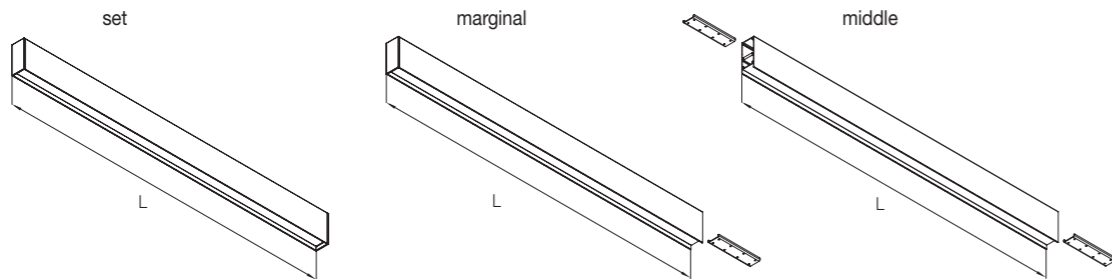
Profiles System

Linear

	 length	 length	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
—	567mm	564mm	564mm	8.6W	450 475lm	2 800b 4d1f 02/23j
—	849mm	846mm	846mm	12.9W	680 715lm	2 800b 4d1f 03/23j
1134mm	1131mm	1128mm	1128mm	17.2W	910 950lm	2 800b 4d1f 04/23j
1698mm	1695mm	1692mm	1692mm	25.9W	1360 1430lm	2 800b 4d1f 05/23j
2262mm	2259mm	2256mm	2256mm	34.9W	1810 1905lm	2 800b 4d1f 06/23j

	set	marginal	middle	3000 4000K		
Version with LED CC* high output (HO)	—	567mm	564mm	17.2W	910 950lm	2 800b 4d2f 02/23j
—	—	849mm	846mm	25.9W	1360 1430lm	2 800b 4d2f 03/23j
1134mm	1131mm	1128mm	34.5W	1810 1905lm	2 800b 4d2f 04/23j	
1698mm	1695mm	1692mm	51.7W	2715 2860lm	2 800b 4d2f 05/23j	
2262mm	2259mm	2256mm	69W	3620 3810lm	2 800b 4d2f 06/23j	

∇ Minimum length of the system: 1000mm.



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.







* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

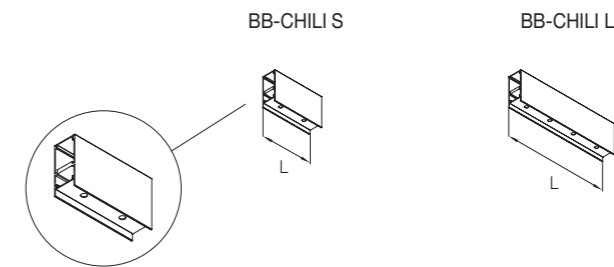
HC36.80 DEEP

Profiles System





Spots

	 length	 length	 power	 BB lens	 beam angle	 code
BB-CHILI	marginal	middle	3000 4000K			
BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 801b 4d9f 01/h0j
BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 801b 4d9f 02/h0j

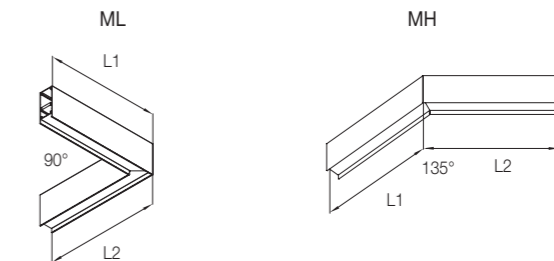
∇ Minimum length of the system: 1000mm.



Connectors

	 dimensions	 power	 satine	 code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	
ML	303x303mm	8.6W	450 475lm	2 8032 4d1f 00/23j
MH	292x292mm	8.6W	450 475lm	2 8052 4d1f 00/23j
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	
ML	303x303mm	17.2W	910 950lm	2 8032 4d2f 00/23j
MH	292x292mm	17.2W	910 950lm	2 8052 4d2f 00/23j

∇ Minimum length of the system: 1000mm.



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white	4	60°	6	4000K	W
				black	5				

HS36.80

Profiles System



Typology:

Suspended mounted aluminium profiles with direct or direct/indirect light.

Material and finishing:

White/black/RAL9006 painted aluminium.

Diffuser / Optic:

c-shade diffuser / satine, system by Bartenbach LFO optic.

Feeding:

230V/50Hz, I class protection.

Typologie:

Abgependelte Aluminium Profile direkt strahlend oder direkt/indirekt strahlend.

Material und Ausführung:

Aluprofil weiß/schwarz/RAL9006 lackiert.

Abdeckung / Optik:

C-Shade / Satine Abdeckung, System Bartenbach LFO optic.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Zwieszany, aluminiowy profil świecący światłem bezpośrednim lub bezpośrednim/pośrednim.

Materiał i wykończenie:

Aluminium malowane na kolor biały/czarny/RAL9006.

Dyfuzor / Optyka:

dyfuzor c-shade / satyna, system Bartenbach LFO optic.

Zasilanie:

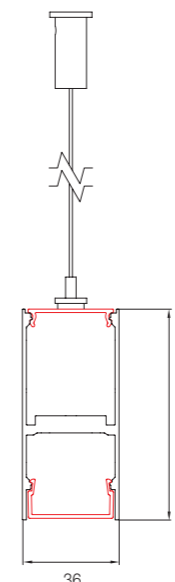
230V/50Hz, I klasa ochronności.

HS36.80 DEEP

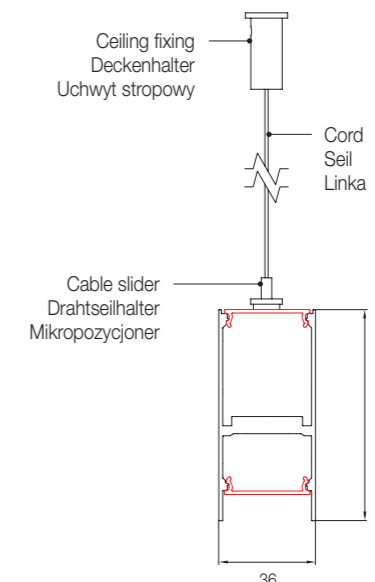
Profiles System









HS36.80



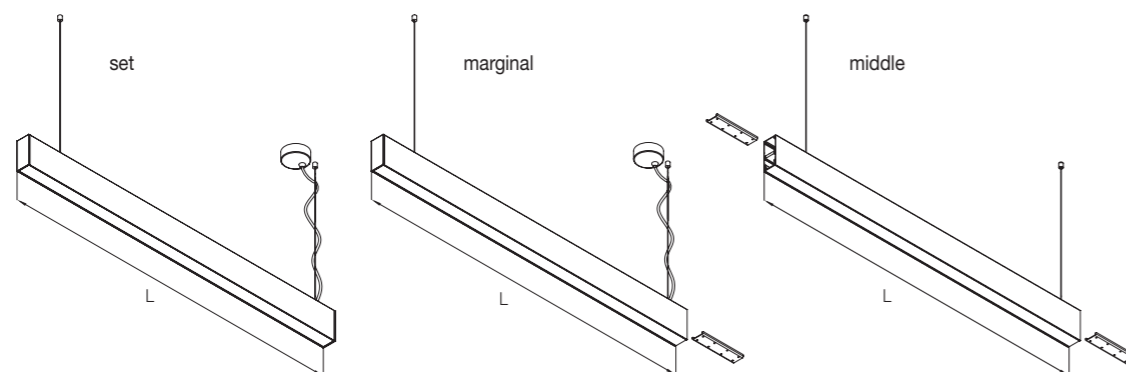
HS36.80 DEEP



Linear direct

	 length	 length	 length	 power	 c-shade	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	610 645lm	2 810b 0d1f 02/27j
	—	849mm	846mm	12.9W	920 965lm	2 810b 0d1f 03/27j
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	2 810b 0d1f 04/27j
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2 810b 0d1f 05/27j
	2262mm	2259mm	2256mm	34.9W	2445 2575lm	2 810b 0d1f 06/27j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	17.2W	1225 1285lm	2 810b 0d2f 02/27j
	—	849mm	846mm	25.9W	1835 1930lm	2 810b 0d2f 03/27j
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	2 810b 0d2f 04/27j
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	2 810b 0d2f 05/27j
	2262mm	2259mm	2256mm	69W	4895 5150lm	2 810b 0d2f 06/27j

∇ Minimum length of the system: 1000mm.










Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

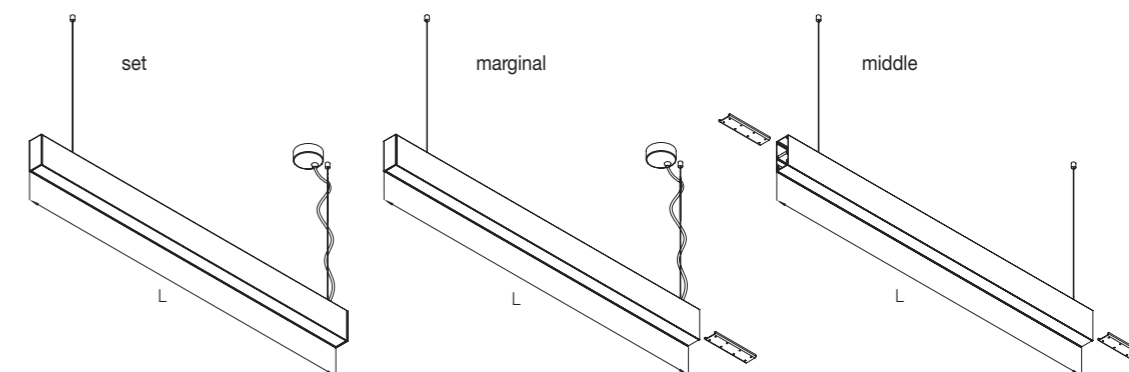
* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Linear direct/indirect

	 length	 length	 length	 power	 cct	 c-shade	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	direct+indirect**			
	1134mm	1131mm	1128mm	25.9W	3000K	1225+910lm	2 810b 0d1f 04/37j
	1698mm	1695mm	1692mm	39W	3000K	1285+975lm	
					4000K	1835+1365lm	2 810b 0d1f 05/37j
					4000K	1930+1460lm	
	2262mm	2259mm	2256mm	52W	3000K	2445+1820lm	2 810b 0d1f 06/37j
					4000K	2575+1950lm	
Version with LED CC* high efficacy (HO)	set	marginal	middle	direct+indirect**			
	1134mm	1131mm	1128mm	43.2W	3000K	2445+910lm	2 810b 0d2f 04/37j
					4000K	2575+975lm	
	1698mm	1695mm	1692mm	64.8W	3000K	3670+1365lm	2 810b 0d2f 05/37j
					4000K	3865+1460lm	
	2262mm	2259mm	2256mm	86.5W	3000K	4895+1820lm	2 810b 0d2f 06/37j
					4000K	5150+1950lm	

∇ Minimum length of the system: 1500mm.



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI***	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
** For the indirect light is always used satine diffuser.
*** Control option available only for direct light.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Für das indirekte Lichtanteil wird immer eine satinierte Abdeckung benutzt.
*** Diese Option für die Steuerung ist nur beim direkten Lichtanteil möglich.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
** Dla rozsyłu pośredniego zawsze stosowany jest dyfuzor satynowy.
*** Opcja sterowania dostępna tylko dla rozsyłu bezpośredniego.

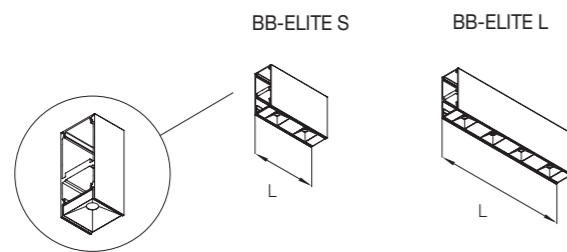
HS36.80

Profiles System

Spots

type	length	length	power	BB lens	beam angle	code
BB-ELITE	marginal	middle		3000 4000K		
BB-ELITE S	144mm	141mm	4.4W (2xPower LED)	340-350 380-390lm	30°, 60°	2 819b 0d9f 01/h0j
BB-ELITE L	285mm	282mm	8.7W (4xPower LED)	680-700 760-780lm	30°, 60°	2 819b 0d9f 02/h0j

▽ Minimum length of the system: 1000mm.

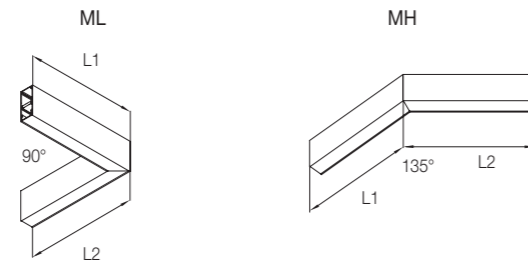


Connectors

type	dimensions	power	c-shade	code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	
ML	303x303mm	8.6W	610 645lm	2 8132 0d1f 00/27j
MH	292x292mm	8.6W	610 645lm	2 8152 0d1f 00/27j

type	dimensions	power	c-shade	code
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	
ML	303x303mm	17.2W	1225 1285lm	2 8132 0d2f 00/27j
MH	292x292mm	17.2W	1225 1285lm	2 8152 0d2f 00/27j

▽ Minimum length of the system: 1000mm.

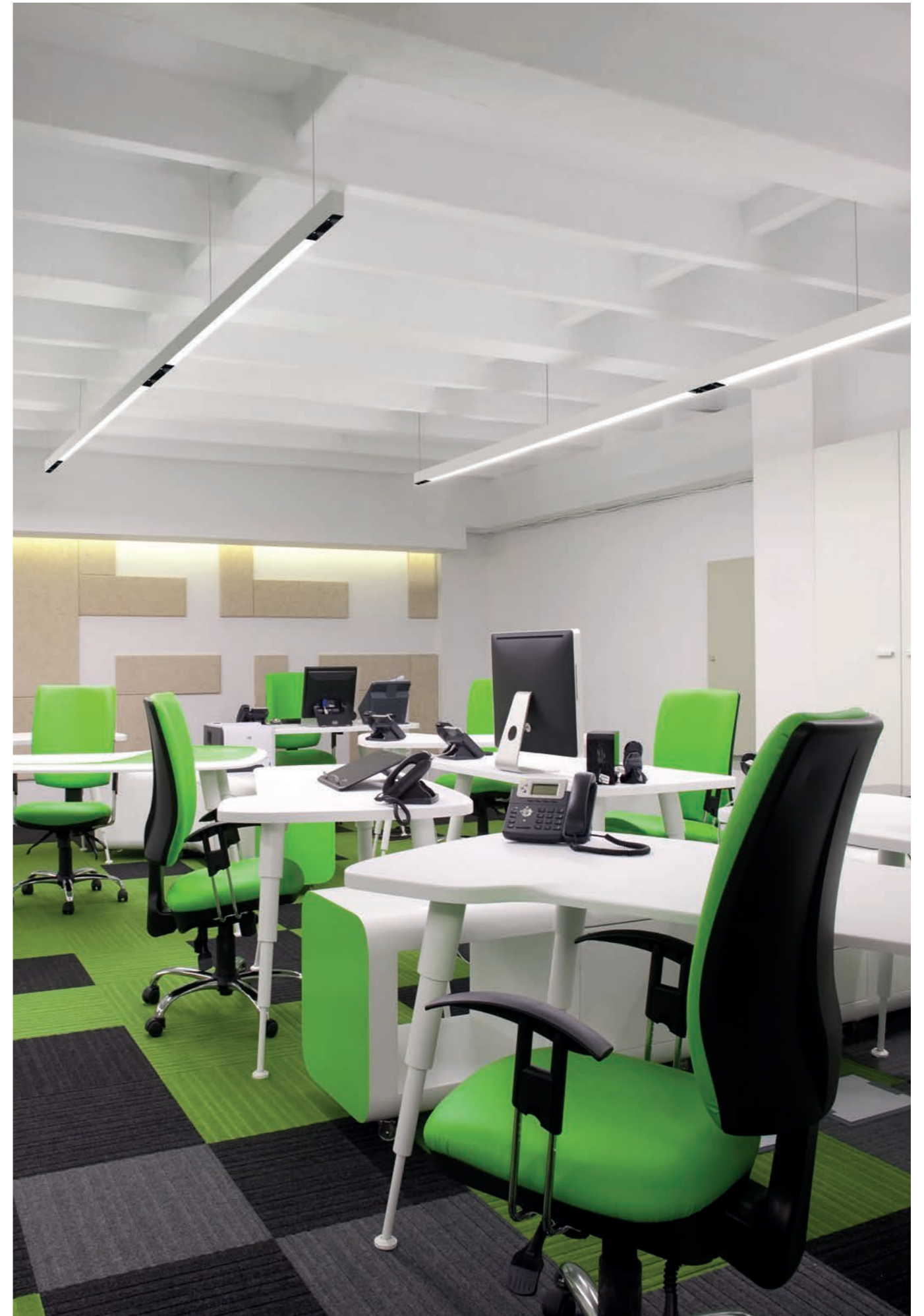


Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white	4	60°	6	4000K	W
				black	5				







* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

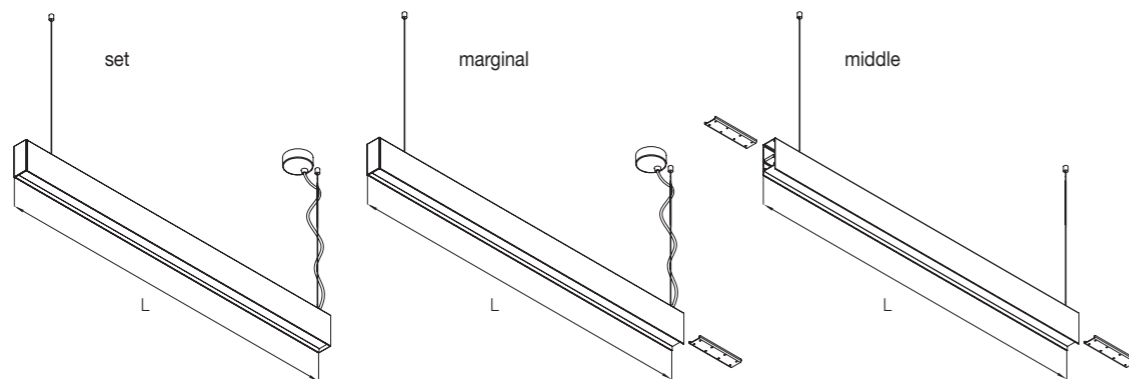
* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Linear direct

	 length	 length	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	8.6W	450 475lm	2 810b 0d1f 02/23j
	—	849mm	846mm	12.9W	680 715lm	2 810b 0d1f 03/23j
	1134mm	1131mm	1128mm	17.2W	910 950lm	2 810b 0d1f 04/23j
	1698mm	1695mm	1692mm	25.9W	1360 1430lm	2 810b 0d1f 05/23j
	2262mm	2259mm	2256mm	34.9W	1810 1905lm	2 810b 0d1f 06/23j
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K		
	—	567mm	564mm	17.2W	910 950lm	2 810b 0d2f 02/23j
	—	849mm	846mm	25.9W	1360 1430lm	2 810b 0d2f 03/23j
	1134mm	1131mm	1128mm	34.5W	1810 1905lm	2 810b 0d2f 04/23j
	1698mm	1695mm	1692mm	51.7W	2715 2860lm	2 810b 0d2f 05/23j
	2262mm	2259mm	2256mm	69W	3620 3810lm	2 810b 0d2f 06/23j

∇ Minimum length of the system: 1000mm.










Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

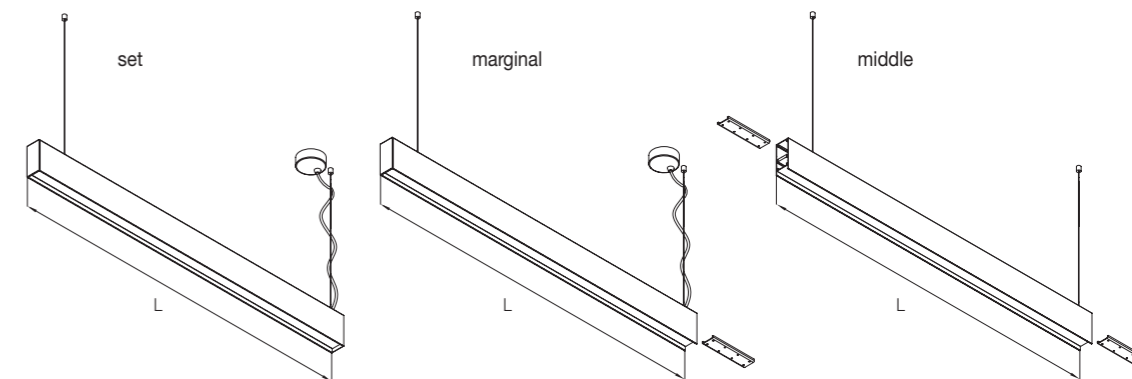
* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETER SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Linear direct/indirect

	 length	 length	 length	 power	 cct	 satine	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle	direct+indirect**			
	1134mm	1131mm	1128mm	25.9W	3000K 4000K	910+910lm 950+975lm	2 810b 0d1f 04/33j
	1698mm	1695mm	1692mm	39W	3000K 4000K	1360+1365lm 1430+1465lm	2 810b 0d1f 05/33j
	2262mm	2259mm	2256mm	52W	3000K 4000K	1810+1820lm 1905+1950lm	2 810b 0d1f 06/33j
Version with LED CC* high efficacy (HO)	set	marginal	middle	direct+indirect**			
	1134mm	1131mm	1128mm	43.2W	3000K 4000K	1810+910lm 1905+975lm	2 810b 0d2f 04/33j
	1698mm	1695mm	1692mm	64.8W	3000K 4000K	2715+1365lm 2860+1465lm	2 810b 0d2f 05/33j
	2262mm	2259mm	2256mm	86.5W	3000K 4000K	3620+1820lm 3810+1950lm	2 810b 0d2f 06/33j

∇ Minimum length of the system: 1500mm.



Module	b	Control	d	Finish	f	CCT	j
set	0	DALI***	4	RAL9006	3	3000K	WW
marginal	1	on/off	5	white	4	4000K	W
middle	2			black	5		

* LED modules supplied with Constant Current, driver included.
** For the indirect light is always used satine diffuser.
*** Control option available only for direct light.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Für das indirekte Lichtanteil wird immer eine satinierte Abdeckung benutzt.
*** Diese Option für die Steuerung ist nur beim direkten Lichtanteil möglich.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
** Dla rozsyłu pośredniego zawsze stosowany jest dyfuzor satynowy.
*** Opcja sterowania dostępna tylko dla rozsyłu bezpośredniego.

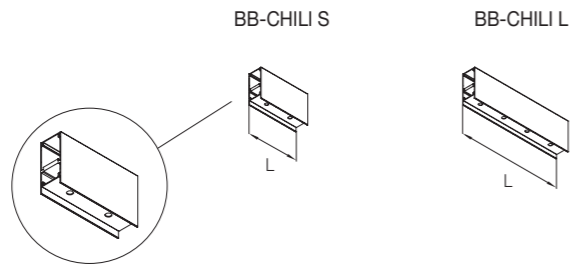
HS36.80 DEEP

Profiles System

Spots

type	length	length	power	BB lens	beam angle	code
BB-CHILI	marginal	middle		3000 4000K		
BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 811b 0d9f 01/h0j
BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 811b 0d9f 02/h0j

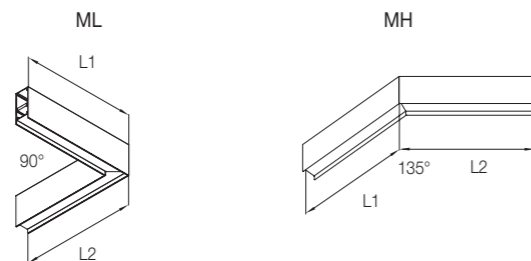
▽ Minimum length of the system: 1000mm.



Connectors

type	dimensions	power	satine	code
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	
ML	303x303mm	8.6W	450 475lm	2 8132 0d1f 00/23j
MH	292x292mm	8.6W	450 475lm	2 8152 0d1f 00/23j
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	
ML	303x303mm	17.2W	910 950lm	2 8132 0d2f 00/23j
MH	292x292mm	17.2W	910 950lm	2 8152 0d2f 00/23j

▽ Minimum length of the system: 1000mm.



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white black	4 5	60°	6	4000K	W

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

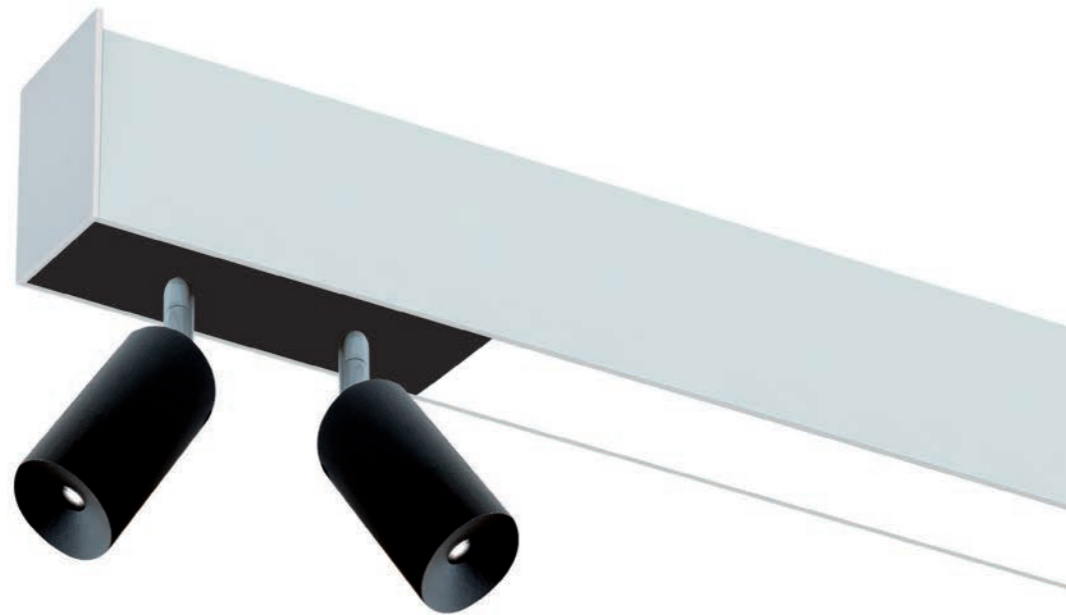
* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



U50

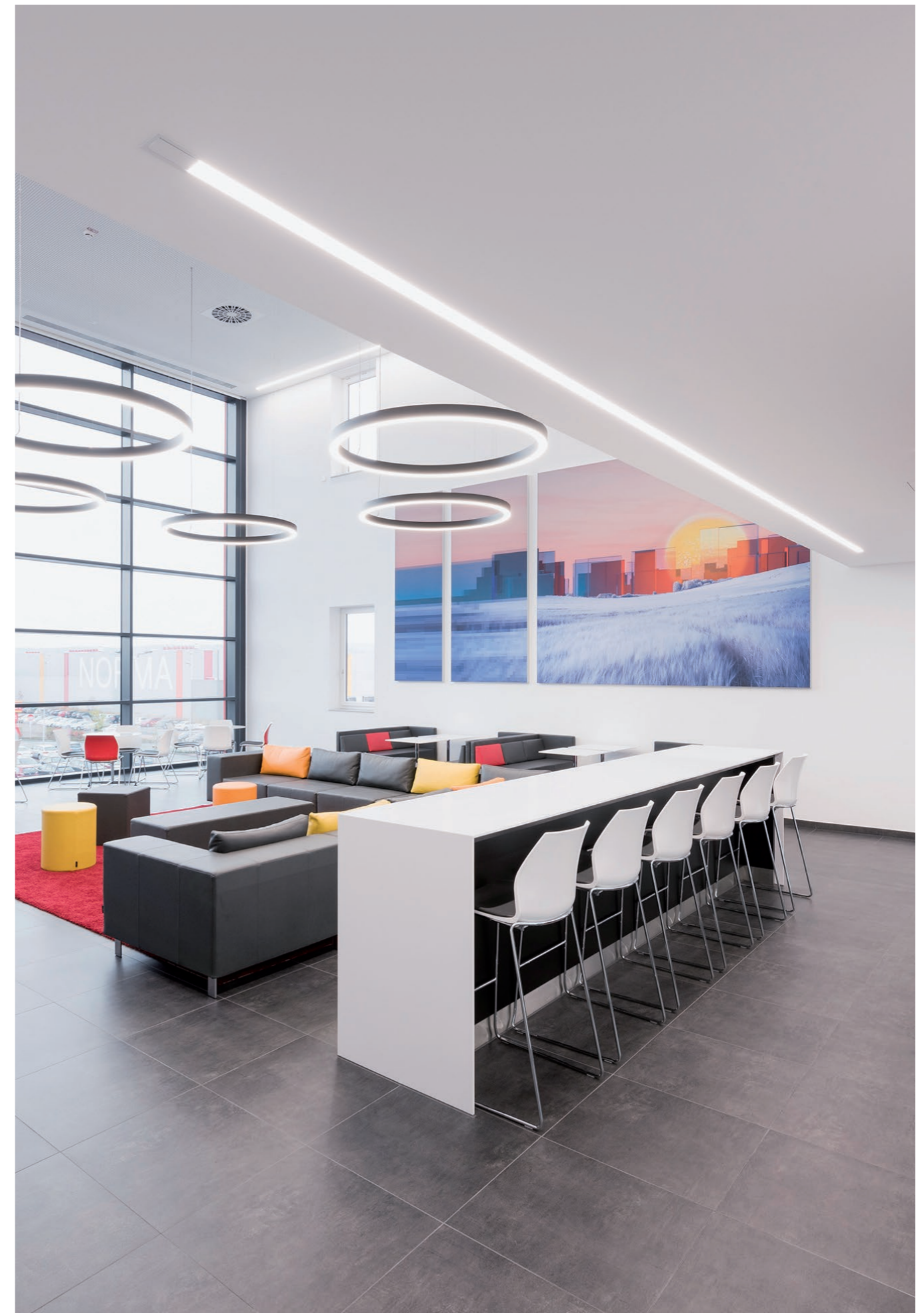
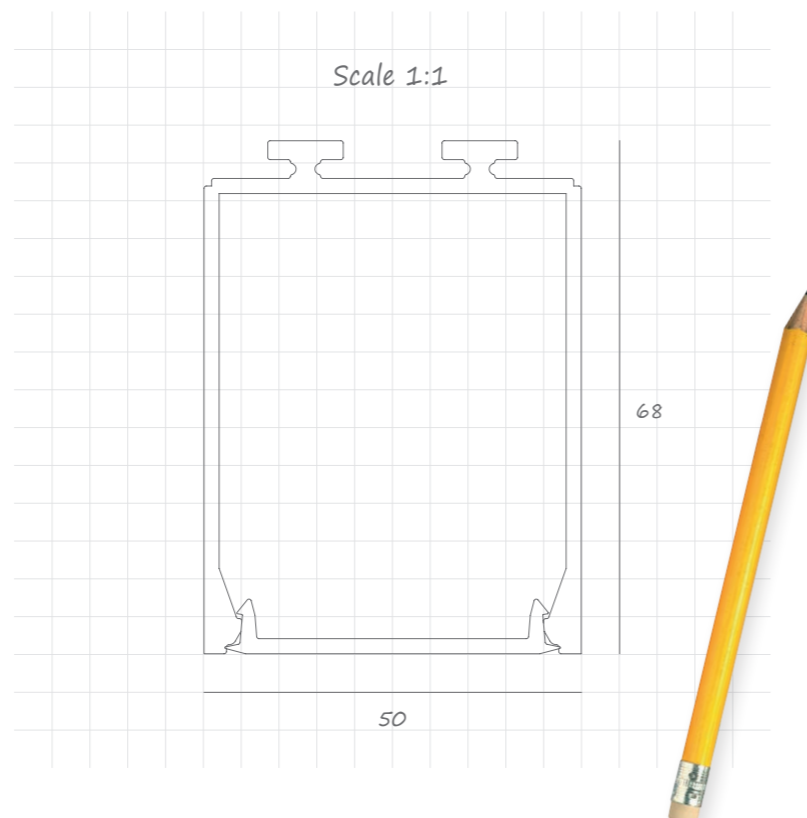
Profiles System



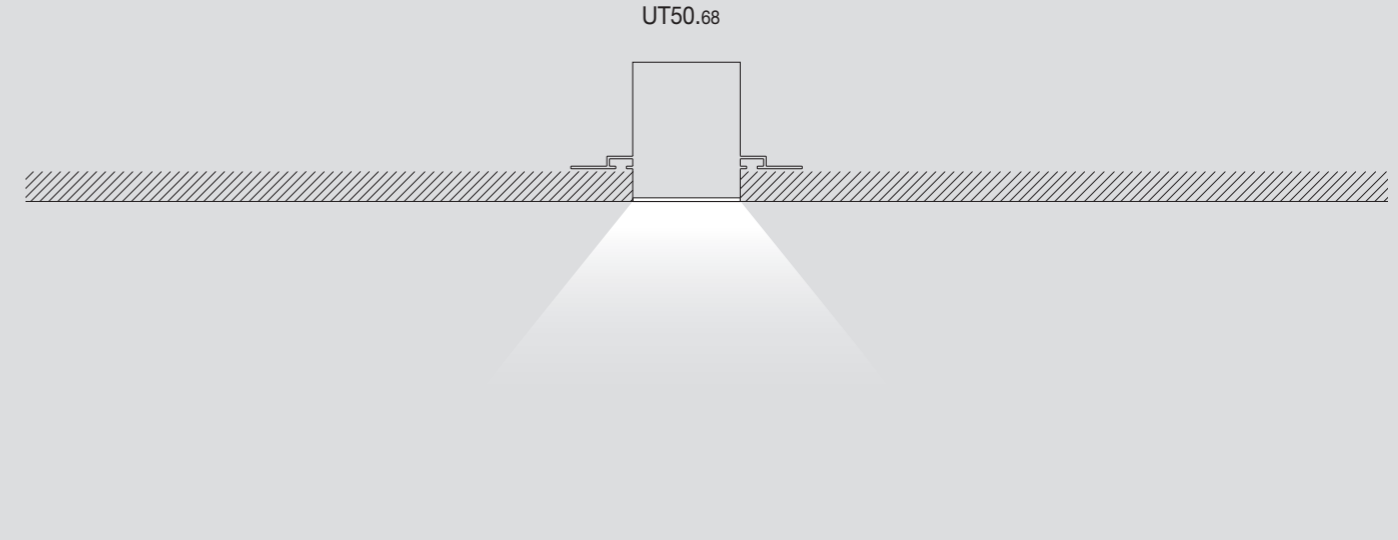
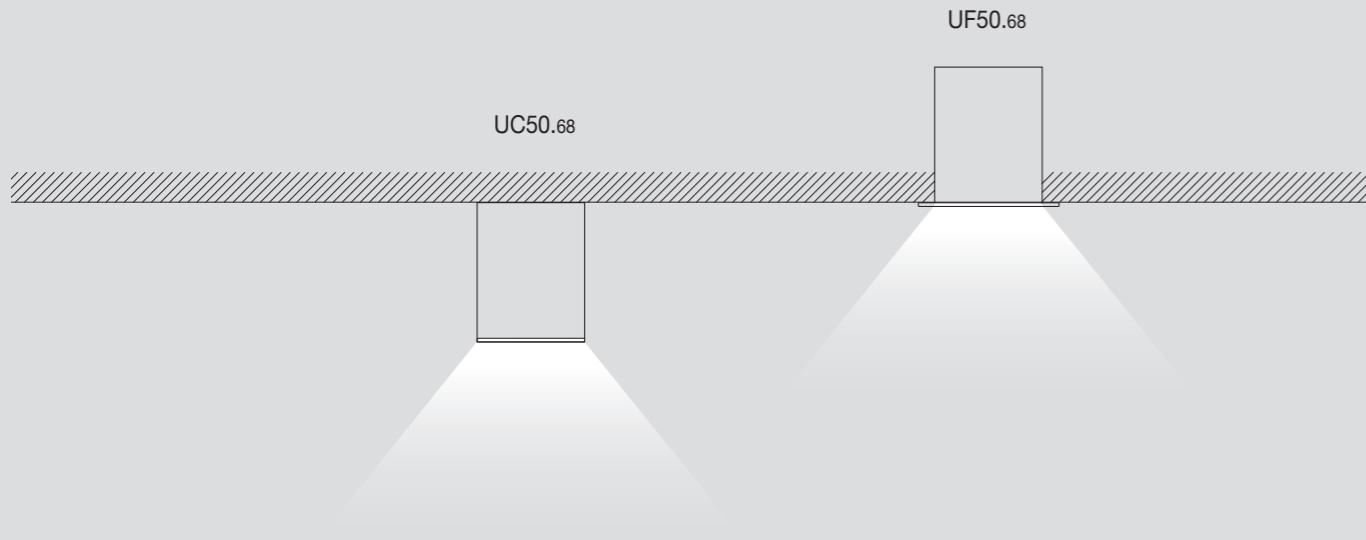
The first profile in which all elements are integrated inside the luminaire. Profile installation is much faster and more convenient. This system allows creating unique geometrical compositions adapted to the interior's architecture. The U50 profiles also provide less glare for better comfort of work.

Das erste Profil, in dem alle Elemente im Inneren der Leuchte integriert sind. Die Montage des Profils ist viel schneller und bequemer. Das System ermöglicht es Ihnen, originelle geometrische Kompositionen zu kreieren, die an die Innenarchitektur angepasst sind. Profile U50 bedeuten auch weniger Blendung und mehr Arbeitskomfort.

Pierwszy profil, w którym wszystkie elementy są zintegrowane we wnętrzu oprawy. Montaż profilu jest znacznie szybszy i komfortowy. System pozwala tworzyć oryginalne kompozycje geometryczne, dopasowane do architektury wnętrza. Profile U50 to również mniejsze ośnienie i większy komfort pracy.

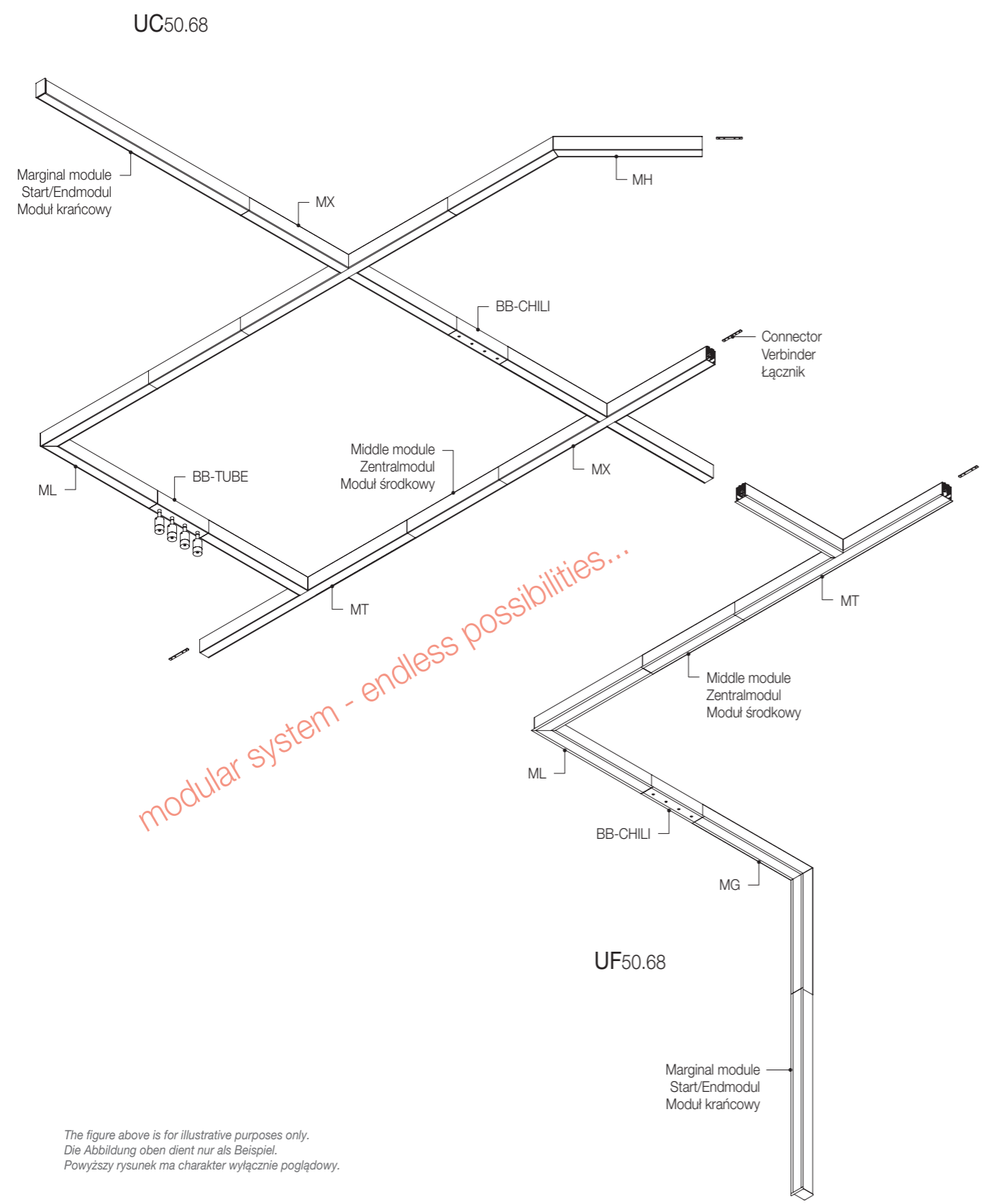


Norma, Germany, PCL Thurner Licht, Roman Zeisberg



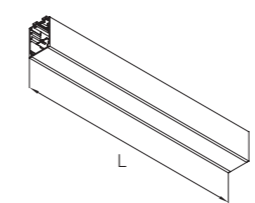
Version		Ceiling Anbau Nabudowany page 210	Frame Einbau mit Rahmen Wbudowany z ramką page 216
Type		linear BB-Chili BB-Tube connectors	linear BB-Chili BB-Tube connectors
Diffuser		satine microprism microcrystal UGR<19	satine microprism microcrystal UGR<19
Light output	LED CC HE LED CC HO Power LED	up to 1370 lm/m up to 2740 lm/m up to 210 lm/pc.	up to 1370 lm/m up to 2740 lm/m up to 210 lm/pc.
Efficacy	LED CC Power LED	up to 90 lm/W up to 97 lm/W	up to 90 lm/W up to 97 lm/W
CCT		3000K / 4000K	3000K / 4000K
CRI		≥80	≥80
Control		on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing		● ● ●	● ●

Version		Trmiless Einbau Rahmenlos Wbudowany bezramkowy page 222
Type		linear BB-Chili BB-Tube connectors
Diffuser		satine microprism microcrystal UGR<19
Light output		up to 1370 lm/m up to 2740 lm/m up to 210 lm/pc.
Efficacy		up to 90 lm/W up to 97 lm/W
CCT		3000K / 4000K
CRI		≥80
Control		on/off, DALI, Corridor System
Finishing		●



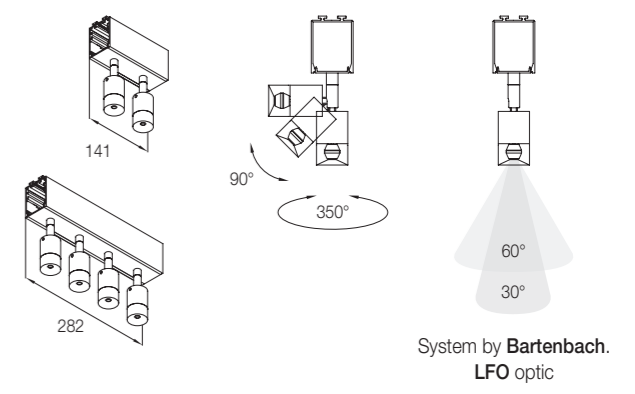
The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

Linear modules

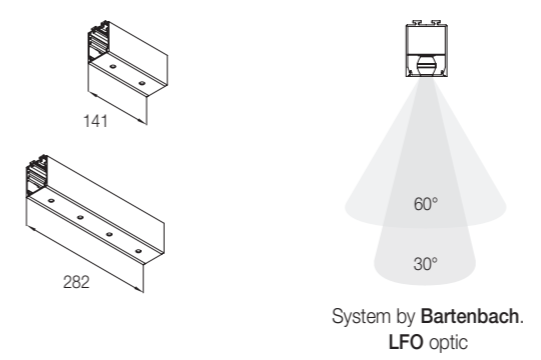


Available lengths:
1134mm - 2276mm (sets)
567mm - 2266mm (marginal)
564mm - 2256mm (middle)
Customized lengths on demand.

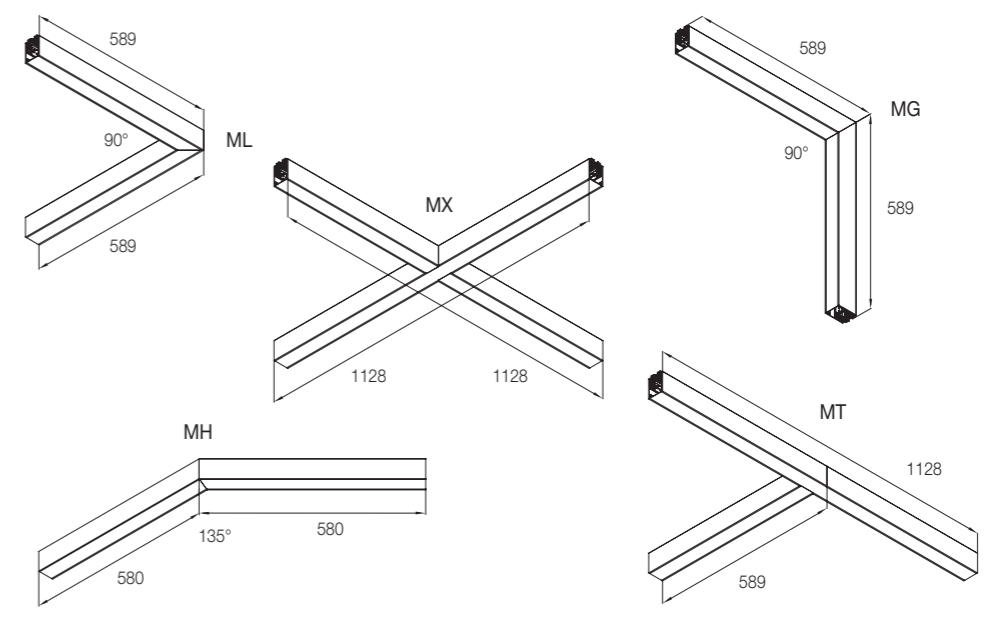
BB-TUBE modules



BB-CHILI modules



Connectors modules



All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

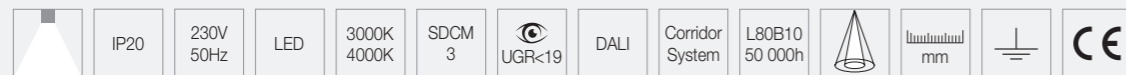
Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



Norma, Germany, PCL Thurner Licht, Roman Zeisberg

UC50.68

Profiles System



Typology:

Surface mounted aluminium profiles with direct light.

Material and finishing:

Anodised or white/black painted aluminium.

Diffuser:

satine, microprism, microcrystal.

Feeding:

230V/50Hz, I class protection.

Typologie:

Aufbauprofil direkt strahlend.

Material und Ausführung:

Eloxiert oder lackiert in weiß oder schwarz.

Abdeckung:

satine, mikroprisma, mikrocrystale.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

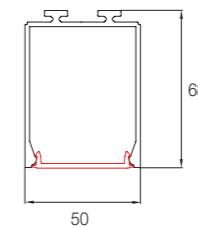
Aluminium anodowane lub malowane na kolor biały/czarny.

Dyfuzor:

satyna, mikropryzma, mikrokrystal.

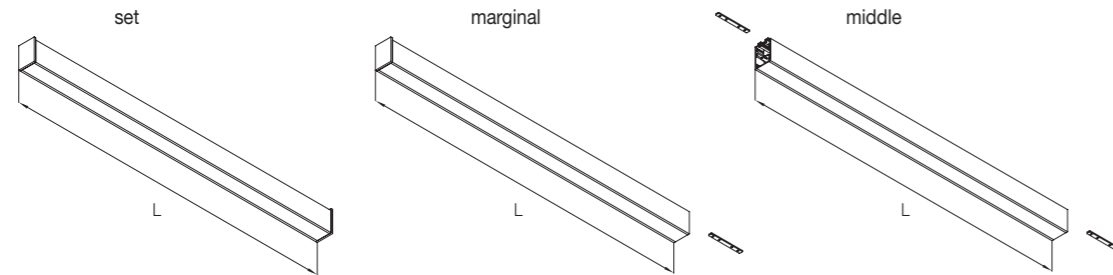
Zasilanie:

230V/50Hz, I klasa ochronności.



Linear

	length	length	length	power	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	567mm	564mm	8.6W	610 645lm	735 775lm	670 705lm	2 500b 4d1f 01/2ij
	—	849mm	846mm	12.9W	920 965lm	1105 1160m	1010 1065lm	2 500b 4d1f 02/2ij
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 500b 4d1f 03/2ij
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 500b 4d1f 04/2ij
	2262mm	2259mm	2256mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 500b 4d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	577mm	564mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 500b 4d2f 01/2ij
	—	849mm	846mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 500b 4d2f 02/2ij
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 500b 4d2f 03/2ij
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	4405 4635lm	4040 4250lm	2 500b 4d2f 04/2ij
	2262mm	2259mm	2256mm	69W	4895 5150lm	5875 6180lm	5385 5665lm	2 500b 4d2f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	white	4	satine	3	3000K	WW
marginal	1	on/off	5	black	5	microprism	4	4000K	W
middle	2	Corridor System**	C	anodise	6	microcrystal	5		

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

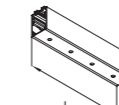
Spots

	length	length	power	BB lens	beam angle	code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 501b 4d9f 01/h0j
	BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 501b 4d9f 02/h0j
BB-TUBE	marginal	middle		3000 4000K			
	BB-TUBE S	144mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 502b 4d9f 01/h0j
	BB-TUBE L	285mm	282mm	9.2W (4xPower LED)	700-760 735-800lm	30°, 60°	2 502b 4d9f 02/h0j

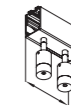
BB-CHILI S



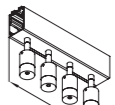
BB-CHILI L



BB-TUBE S

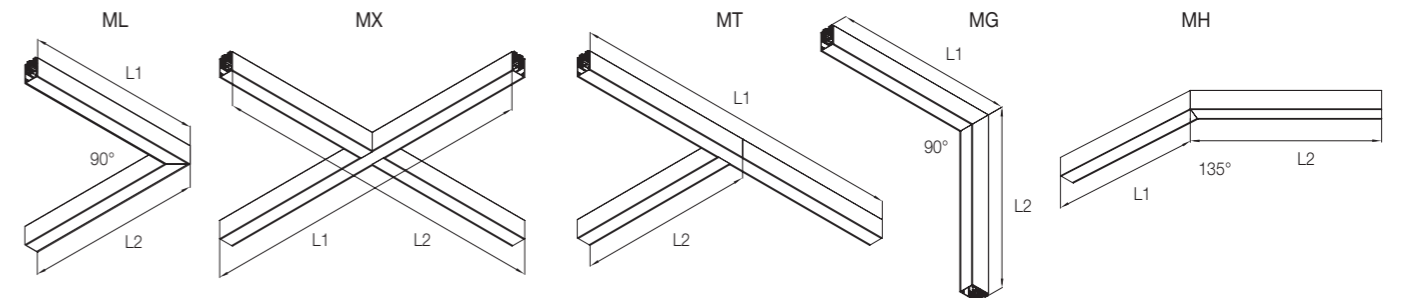


BB-TUBE L



Connectors

	dimensions	power	satine	microprism	microcrystal	code	
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K	3000 4000K		
	ML	589x589mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5032 4d1f 00/2ij
	MG	589x589mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5042 4d1f 00/2ij
	MH	580x580mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5052 4d1f 00/2ij
	MT	1128x589mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 5062 4d1f 00/2ij
	MX	1128x1128mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5072 4d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K	3000 4000K		
	ML	589x589mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5032 4d2f 00/2ij
	MG	589x589mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5042 4d2f 00/2ij
	MH	580x580mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5052 4d2f 00/2ij
	MT	1128x589mm	51.7W	3670 3865lm	4405 4635lm	4040 4250lm	2 5062 4d2f 00/2ij
	MX	1128x1128mm	69W	4895 5150lm	5875 6180lm	5385 5665lm	2 5072 4d2f 00/2ij



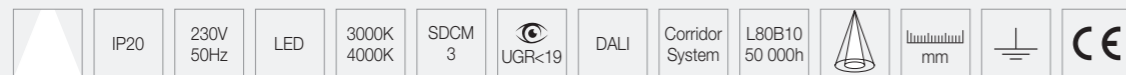
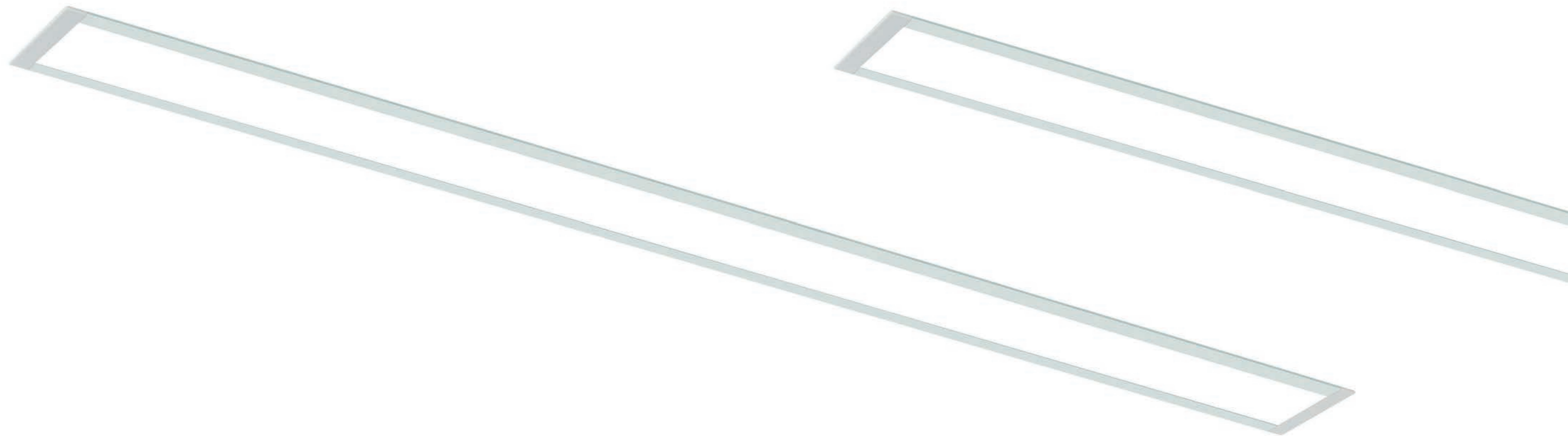
Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI	4	white	4	30°	5	satine	3	3000K	WW
middle	2	on/off	5	black	5	60°	6	microprism	4	4000K	W
		Corridor System**	C	anodise	6			microcrystal	5		



Mercure Hotel, Poland, Kaczmarek Studio S.C., arch. Iwona Kaczmarek, arch. Mirosław Kaczmarek

UF50.68

Profiles System



Typology:

Recessed mounted (frame) aluminium profiles with direct light.

Material and finishing:

White/RAL9006 painted aluminium.

Diffuser:

satine, microprisma, microcrystal.

Feeding:

230V/50Hz, I class protection.

Typologie:

Einbauprofil mit Rahmen direkt strahlend.

Material und Ausführung:

Aluprofil weiß/RAL9006 lackiert.

Abdeckung:

satine, mikroprisma, microcrystale.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Wbudowany (z ramką), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

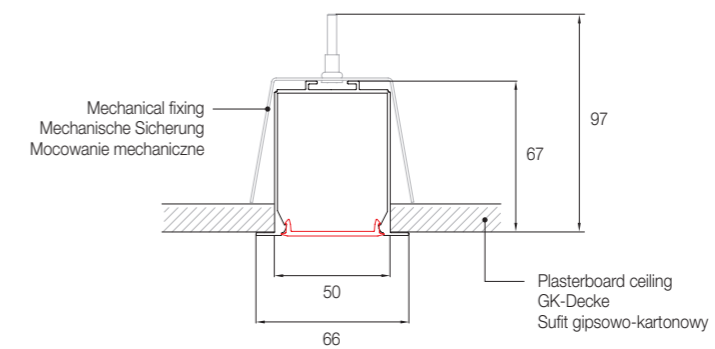
Aluminium malowane na kolor biały/RAL9006.

Dyfuzor:

satyna, mikropryzma, mikrokrystal.

Zasilanie:

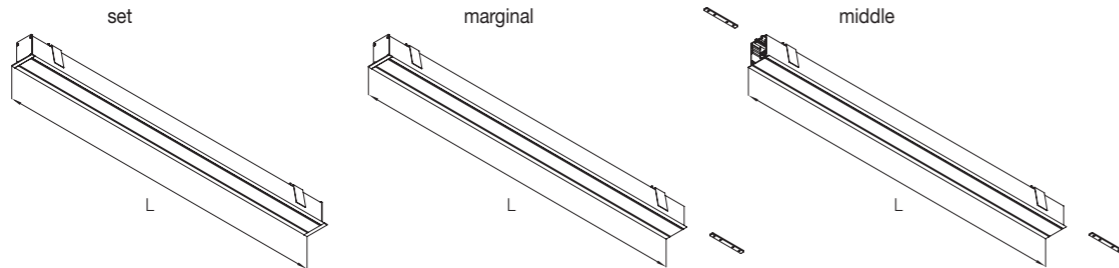
230V/50Hz, I klasa ochronności.



Linear

	length	length	length	power	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	set	marginal	middle	3000 4000K	3000 4000K	3000 4000K		
	—	574mm	564mm	8.6W	610 645lm	735 775lm	670 705lm	2 520b 2d1f 01/2ij
	—	856mm	846mm	12.9W	920 965lm	1105 1160m	1010 1065lm	2 520b 2d1f 02/2ij
	1148mm	1138mm	1128mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 520b 2d1f 03/2ij
	1712mm	1702mm	1692mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 520b 2d1f 04/2ij
	2276mm	2266mm	2256mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 520b 2d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle	3000 4000K	3000 4000K	3000 4000K		
	—	574mm	564mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 520b 2d2f 01/2ij
	—	856mm	846mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 520b 2d2f 02/2ij
	1148mm	1138mm	1128mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 520b 2d2f 03/2ij
	1712mm	1702mm	1692mm	51.7W	3670 3865lm	4405 4635lm	4040 4250lm	2 520b 2d2f 04/2ij
	2276mm	2266mm	2256mm	69W	4895 5150lm	5875 6180lm	5385 5665lm	2 520b 2d2f 05/2ij

set (L-12mm) x 55mm
marginal (L-6mm) x 55mm
middle L x 55mm
Hmin = 100mm



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	RAL9006	3	satine	3	3000K	WW
marginal	1	on/off	5	white	4	microprism	4	4000K	W
middle	2	Corridor System**	C			microcrystal	5		

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

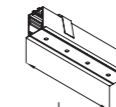
type	length	length	power	BB lens	beam angle	code
BB-CHILI	marginal	middle	3000 4000K			
BB-CHILI S	151mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 521b 2d9f 01/h0j
BB-CHILI L	292mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 521b 2d9f 02/h0j
BB-TUBE	marginal	middle	3000 4000K			
BB-TUBE S	151mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 522b 2d9f 01/h0j
BB-TUBE L	292mm	282mm	9.2W (4xPower LED)	700-760 735-800lm	30°, 60°	2 522b 2d9f 02/h0j

marginal (L-6mm) x 55mm
middle L x 55mm
Hmin = 100mm

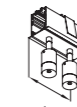
BB-CHILI S



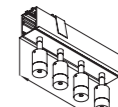
BB-CHILI L



BB-TUBE S



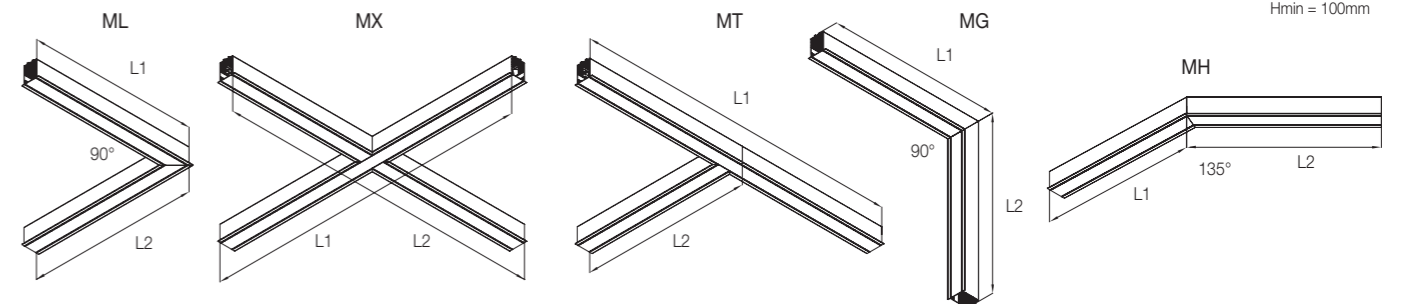
BB-TUBE L



Connectors

type	dimensions	power	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	L1 x L2	3000 4000K	3000 4000K	3000 4000K		
ML	597x597mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5232 2d1f 00/2ij
MG	597x597mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5242 2d1f 00/2ij
MH	583x583mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5252 2d1f 00/2ij
MT	1128x597mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 5262 2d1f 00/2ij
MX	1128x1128mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5272 2d1f 00/2ij
Version with LED CC* high output (HO)	L1 x L2	3000 4000K	3000 4000K	3000 4000K		
ML	597x597mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5232 2d2f 00/2ij
MG	597x597mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5242 2d2f 00/2ij
MH	583x583mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5252 2d2f 00/2ij
MT	1128x597mm	51.7W	3670 3865lm	4405 4635lm	4040 4250lm	2 5262 2d2f 00/2ij
MX	1128x1128mm	69W	4895 5150lm	5875 6180lm	5385 5665lm	2 5272 2d2f 00/2ij

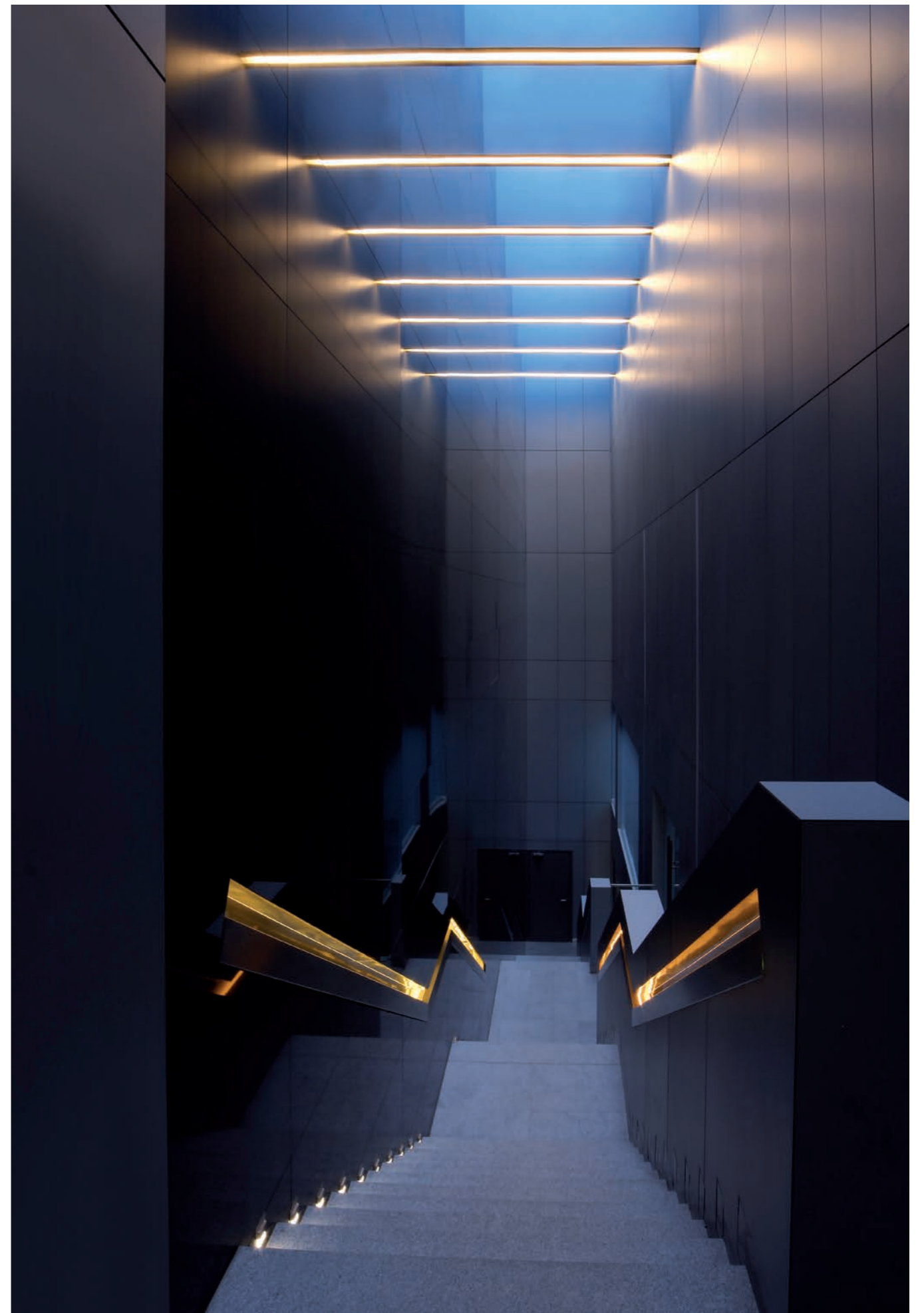
ML (L1-6mm) x (L2-6mm) x 55mm
MG (L1-68mm) x (L2-68mm) x 55mm
MH (L1-3mm) x (L2-3mm) x 55mm
MT L1 x (L2-6mm) x 55mm
MX L1 x L2 x 55mm
Hmin = 100mm



Module	b	Control	d	Finish	f	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	satine	3	3000K	WW
middle	2	on/off	5	white	4	60°	6	microprism	4	4000K	W
		Corridor System**	C					microcrystal	5		



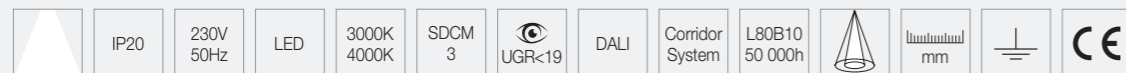
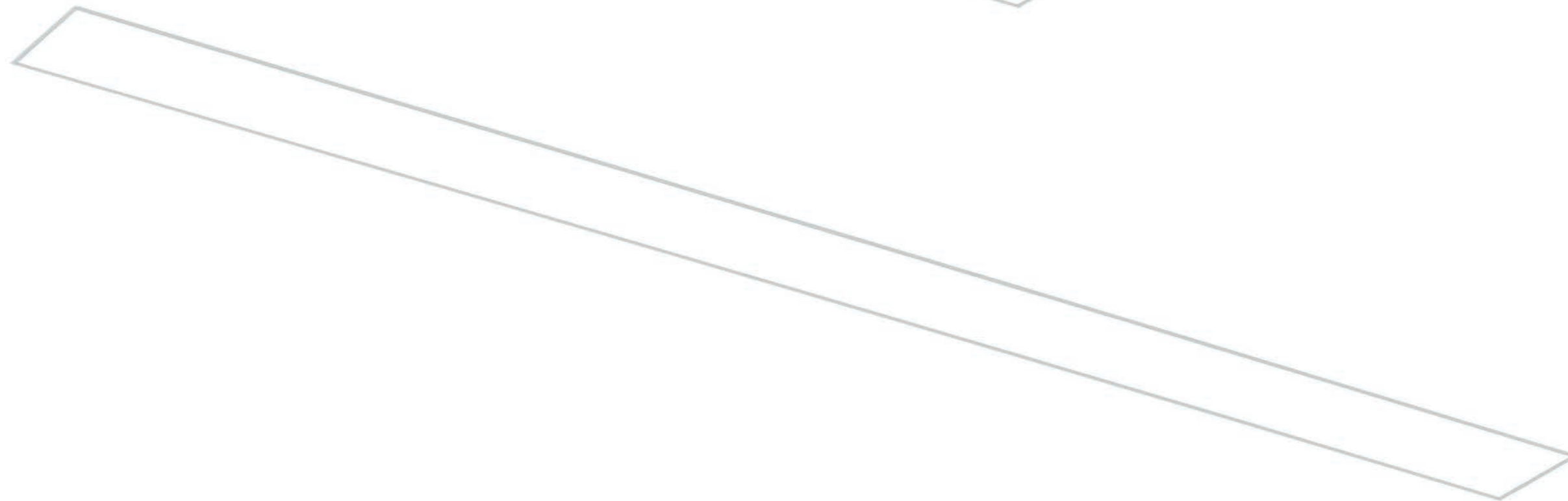
Lease Plan Office, Poland, JMP Service



Filharmonia Świętokrzyska, Poland, arch. Marcin Piwoński, arch. Robert Brodziński, arch. Artur Stachura

UT 50.68

Profiles System



Typology:

Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:

White painted aluminium.

Diffuser:

satine, microprisma, microcrystal.

Feeding:

230V/50Hz, I class protection.

Typologie:

Einbauprofil rahmenlos direkt strahlend.

Material und Ausführung:

Aluminium ist weiß lackiert.

Abdeckung:

satine, mikroprisma, microcrystale.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Wbudowany (bezzramkowy), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

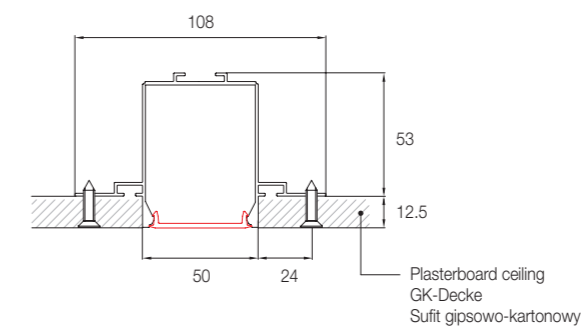
Aluminium malowane na kolor biały.

Dyfuzor:

satyna, mikropryzma, mikrokrystal.

Zasilanie:

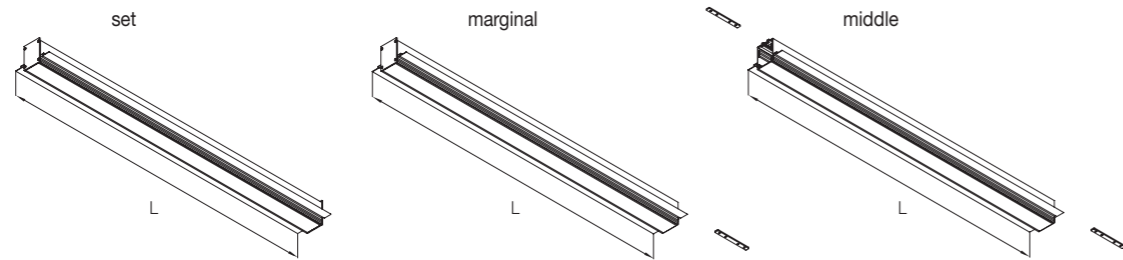
230V/50Hz, I klasa ochronności.



Linear

	length	length	length	power	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	567mm	564mm	8.6W	610 645lm	735 775lm	670 705lm	2 530 b 2d14 01/2ij
	—	849mm	846mm	12.9W	920 965lm	1105 1160m	1010 1065lm	2 530 b 2d14 02/2ij
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 530 b 2d14 03/2ij
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 530 b 2d14 04/2ij
	2262mm	2259mm	2256mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 530 b 2d14 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	567mm	564mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 530 b 2d24 01/2ij
	—	849mm	846mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 530 b 2d24 02/2ij
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 530 b 2d24 03/2ij
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	4405 4635lm	4040 4250lm	2 530 b 2d24 04/2ij
	2262mm	2259mm	2256mm	69W	4895 5150lm	5875 6180lm	5385 5665lm	2 530 b 2d24 05/2ij

set (L+2mm) x 52mm
marginal (L+1mm) x 52mm
middle L x 52mm
Hmin = 100mm



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C	microcrystal	5		

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

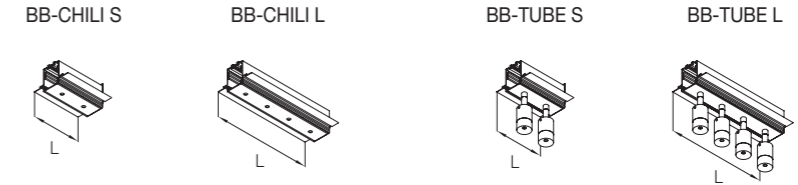
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

	length	length	power	BB lens	beam angle	code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 531 b 2d94 01/h0j
	BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 531 b 2d94 02/h0j
BB-TUBE	marginal	middle		3000 4000K			
	BB-TUBE S	144mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 532 b 2d94 01/h0j
	BB-TUBE L	285mm	282mm	9.2W (4xPower LED)	700-760 735-800lm	30°, 60°	2 532 b 2d94 02/h0j

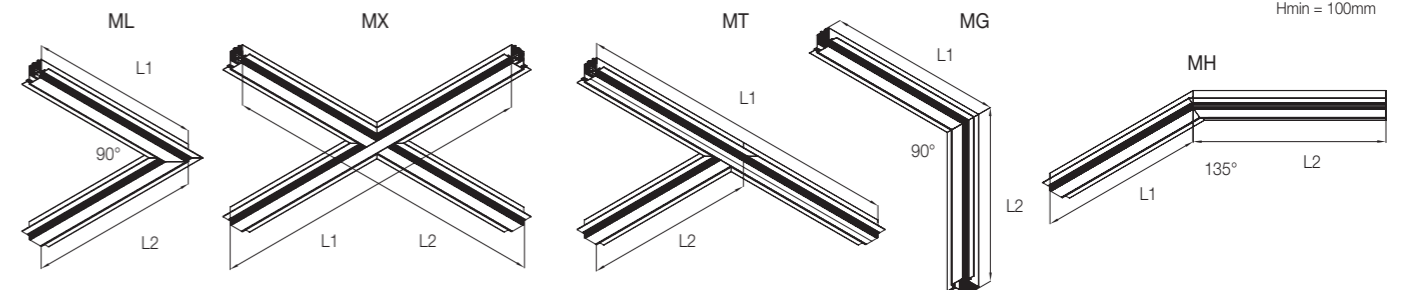
marginal (L+1mm) x 52mm
middle L x 52mm
Hmin = 100mm



Connectors

	dimensions	power	satine	microprism	microcrystal	code	
Version with LED CC* high efficacy (HE)	L1 x L2		3000 4000K	3000 4000K	3000 4000K		
	ML	589x589mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5332 2d14 00/2ij
	MG	589x589mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5342 2d14 00/2ij
	MH	580x580mm	17.2W	1225 1285lm	1465 1545lm	1345 1420lm	2 5352 2d14 00/2ij
	MT	1128x589mm	25.9W	1835 1930lm	2205 2320lm	2020 2125lm	2 5362 2d14 00/2ij
	MX	1128x1128mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5372 2d14 00/2ij
Version with LED CC* high output (HO)	L1 x L2		3000 4000K	3000 4000K	3000 4000K		
	ML	589x589mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5332 2d24 00/2ij
	MG	589x589mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5342 2d24 00/2ij
	MH	580x580mm	34.5W	2445 2575lm	2940 3090lm	2695 2835lm	2 5352 2d24 00/2ij
	MT	1128x589mm	51.7W	3670 3865lm	4405 4635lm	4040 4250lm	2 5362 2d24 00/2ij
	MX	1128x1128mm	69W	4895 5150lm	5875 6180lm	5385 5665lm	2 5372 2d24 00/2ij

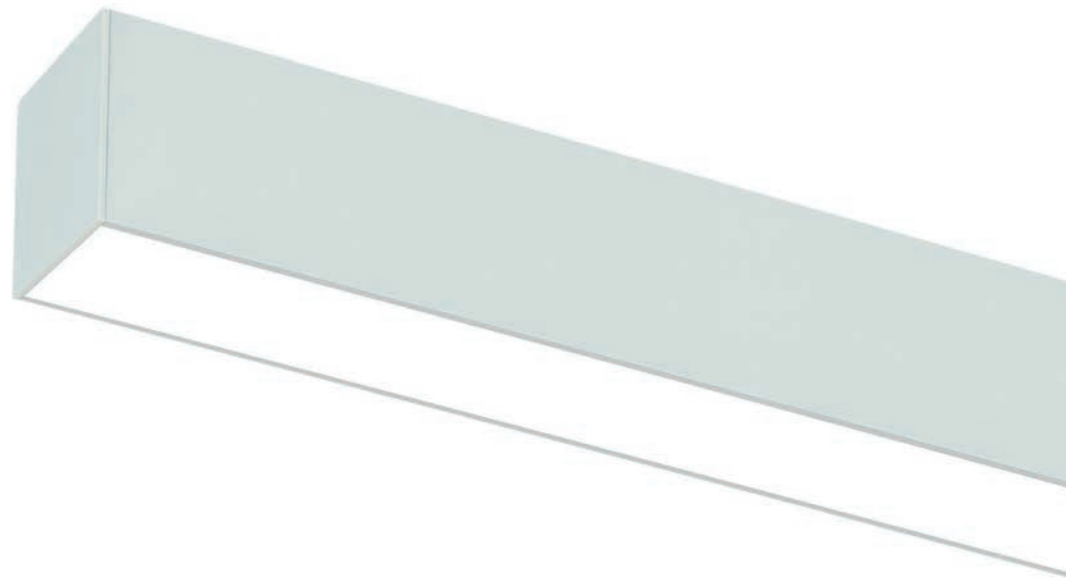
ML (L1+2mm) x (L2+2mm) x 52mm
MG (L1-50mm) x (L2-50mm) x 52mm
MH (L1+2mm) x (L2+2mm) x 52mm
MT L1 x (L2+2mm) x 52mm
MX L1 x L2 x 52mm
Hmin = 100mm



Module	b	Control	d	Beam angle	h	Diffuser	i	CCT	j
marginal	1	DALI	4	30°	5	satine	3	3000K	WW
middle	2	on/off Corridor System**	5 C	60°	6	microprism microcrystal	4 5	4000K	W

H50

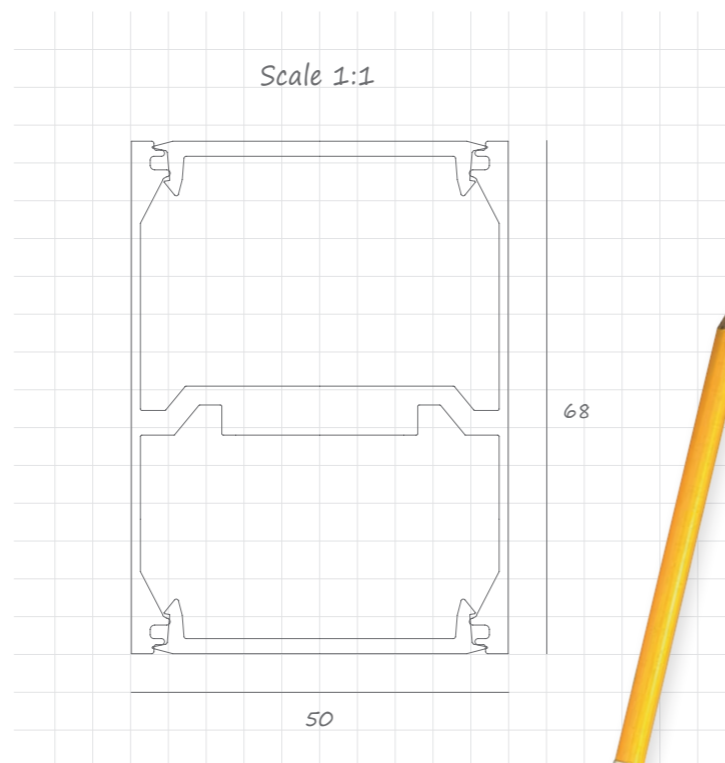
Profiles System



The H50 has been designed with upward and downward illumination in mind. Directing an additional beam of light at the ceiling makes the room seem bigger and reduces eye strain. The H profiles are also available in the embedded version with the frameless as well as the slightly and deeply recessed options, which allows one to create a unique lighting arrangement.

Das Profil H50 wurde für die leuchtende Version oben/ unten entwickelt. Ein zusätzlicher Lichtstrom, gerichtet auf die Decke, vergrößert scheinbar den Raum und verbessert den Sehkomfort bei der Arbeit. H-Profile sind auch in der Einbauversion, in Variante ohne Rahmen sowie flach und tief eingebaut erhältlich, was eine einzigartige Beleuchtungsanordnung herstellen lässt.

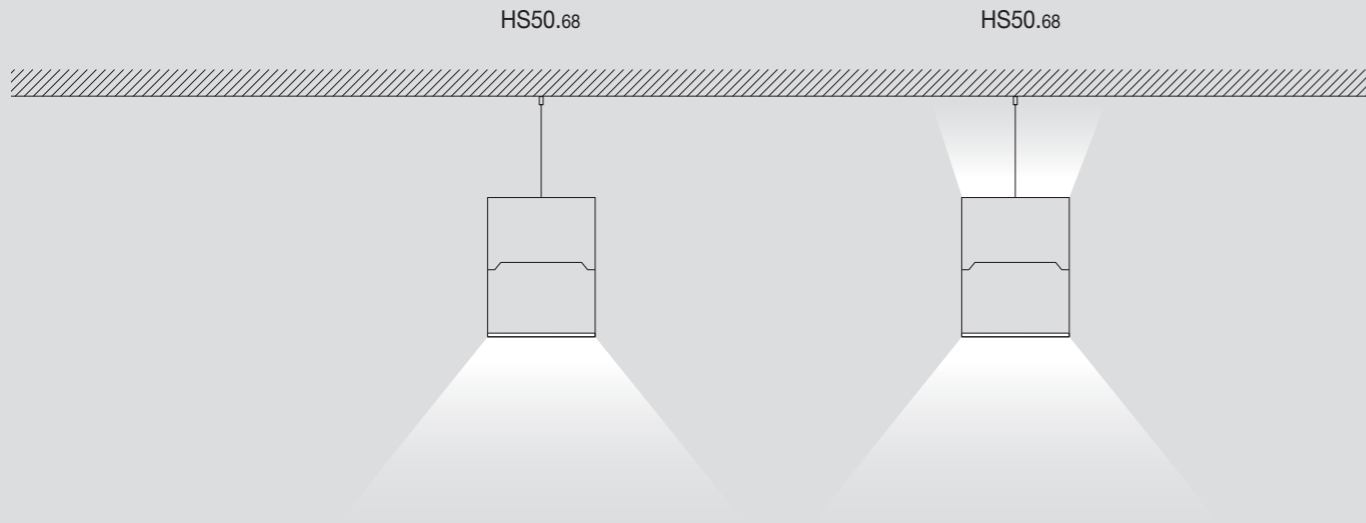
Profil H50 został stworzony z myślą o wersji świecącej góra dół. Skierowanie dodatkowego strumienia światła na sufit pozornie powiększa pomieszczenie i poprawia komfort pracy wzrokowej. Profile H dostępne są również w wersji wbudowanej, w wariantcie bezramkowym oraz płytko i głęboko cofniętym, co pozwala tworzyć unikatową aranżację oświetlenia.



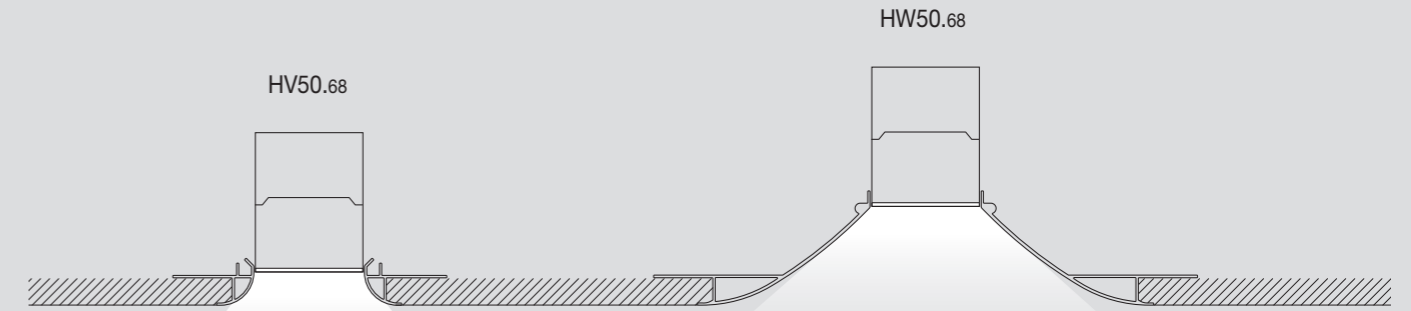
Cedrob Office, Poland, arch. Jerzy Heymer



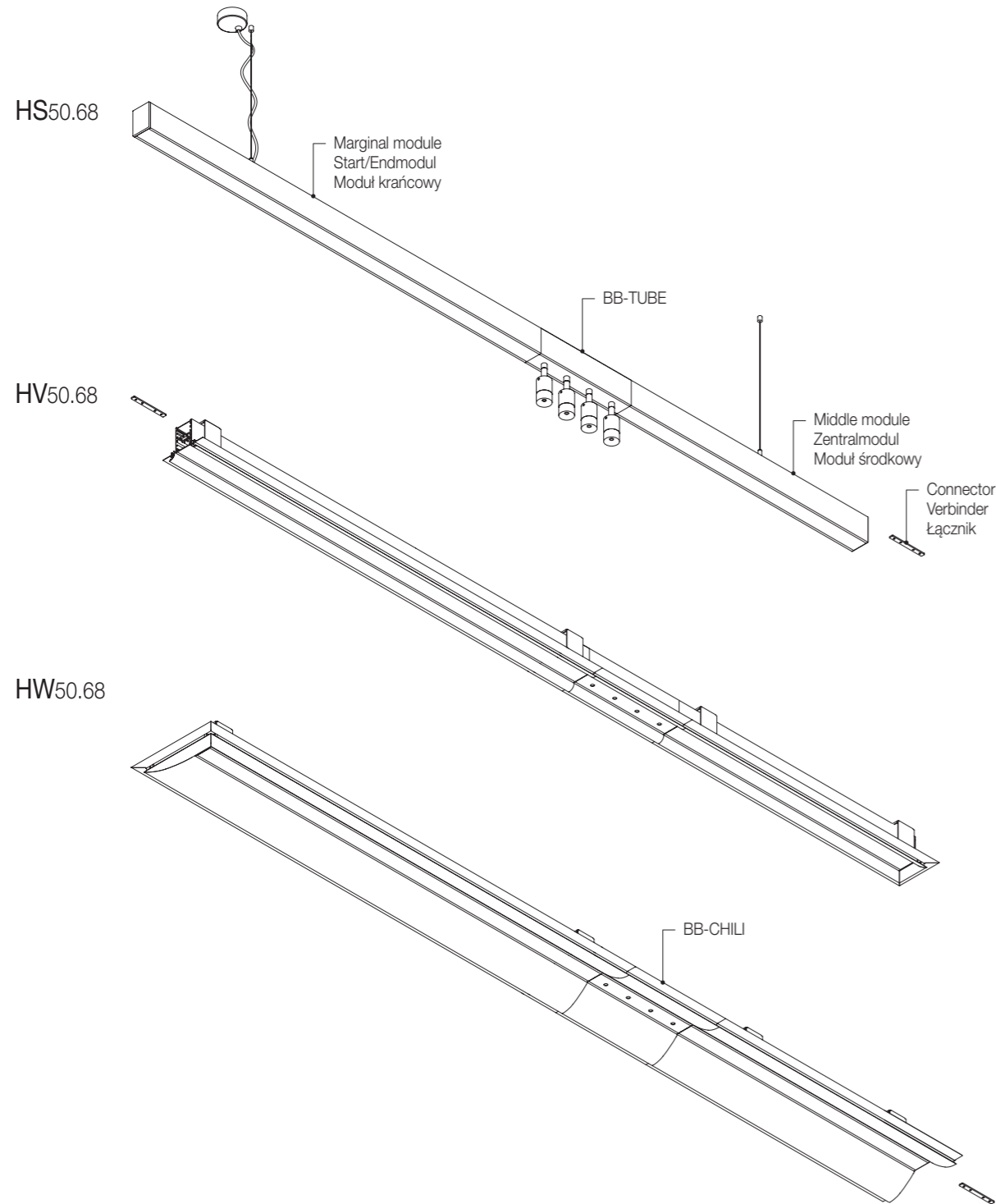
Budzol Office, Poland, Karolina Stanislawski



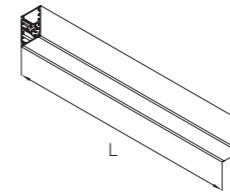
Version		Suspended Abgependelt Zwieszany page 236	Suspended Abgependelt Zwieszany page 236
Type		linear BB-Chili BB-Tube	linear BB-Chili BB-Tube
Diffuser		satine microprism UGR<19 microcrystal	satine microprism UGR<19 microcrystal
Light output	LED CC HE LED CC HO Power LED	up to 1485 lm/m up to 2965 lm/m up to 210 lm/pc.	direct + indirect up to 1485+975 lm/m up to 2965+975 lm/m up to 210 lm/pc.
Efficacy	LED CC Power LED	up to 97 lm/W up to 95 lm/W	only for the direct light up to 97 lm/W up to 95 lm/W
CCT		3000K / 4000K	3000K / 4000K
CRI		≥80	≥80
Control		on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing		● ● ●	● ● ●



		Shallow Einbau flach zurückgesetzt Wbudowany płytko cofnięty page 242	Deep Einbau tief zurückgesetzt Wbudowany głęboko cofnięty page 248
Type		linear BB-Chili	linear BB-Chili
Diffuser		satine microprism UGR<19 microcrystal	satine microprism UGR<19 microcrystal
Light output		up to 1485 lm/m up to 2965 lm/m up to 210 lm/pc.	up to 1485 lm/m up to 2965 lm/m up to 210 lm/pc.
Efficacy		up to 97 lm/W up to 95 lm/W	up to 97 lm/W up to 95 lm/W
CCT		3000K / 4000K	3000K / 4000K
CRI		≥80	≥80
Control		on/off, DALI, Corridor System	on/off, DALI, Corridor System
Finishing		○	○



Linear modules

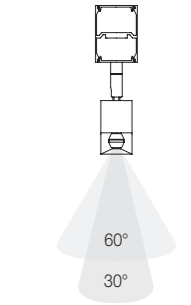
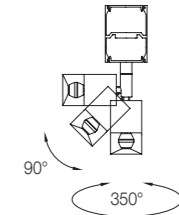
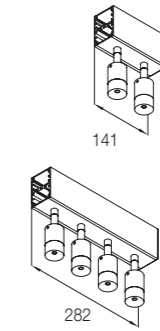


Available lengths:

- 1134mm - 2422mm (sets)
- 567mm - 2339mm (marginal)
- 564mm - 2256mm (middle)

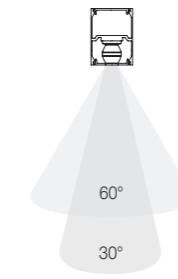
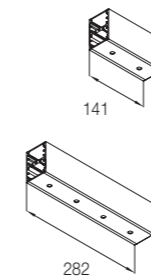
Customized lengths on demand.

BB-TUBE modules*



System by **Bartenbach**.
LFO optic

BB-CHILI modules



System by **Bartenbach**.
LFO optic

The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

* Available only for US versions of profiles.

* Erhältlich für US Version.

* Dostępne dla wersji profili US.

All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



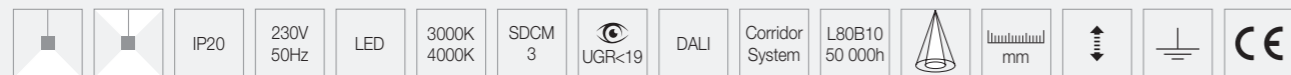
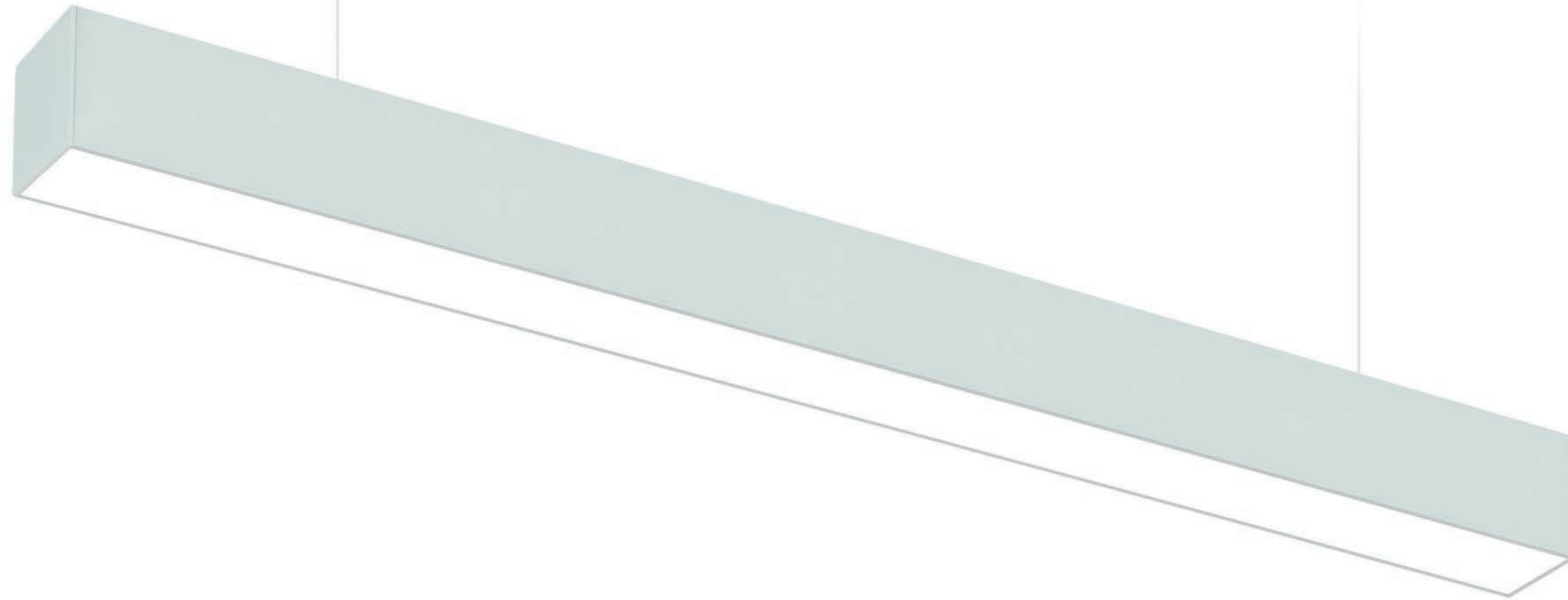
Mercure Hotel, Poland, Kaczmarek Studio S.C., arch. Iwona Kaczmarek, arch. Mirosław Kaczmarek



Budizol Office, Poland, Karolina Stanisławska

HS50.68

Profiles System



Typology:

Suspended mounted aluminium profiles with direct or direct/indirect light.

Material and finishing:

White/black/RAL9006 painted aluminium.

Diffuser:

satine, microprism, microcrystal.

Feeding:

230V/50Hz, I class protection.

Typologie:

Abgependelte Aluminium Profile direkt strahlend oder direkt/indirekt strahlend.

Material und Ausführung:

Aluprofil weiß/schwarz/RAL9006 lackiert.

Abdeckung:

satine, mikroprisma, microcrystale.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Zwieszany, aluminiowy profil świecący światłem bezpośrednim lub bezpośrednim/pośrednim.

Materiał i wykończenie:

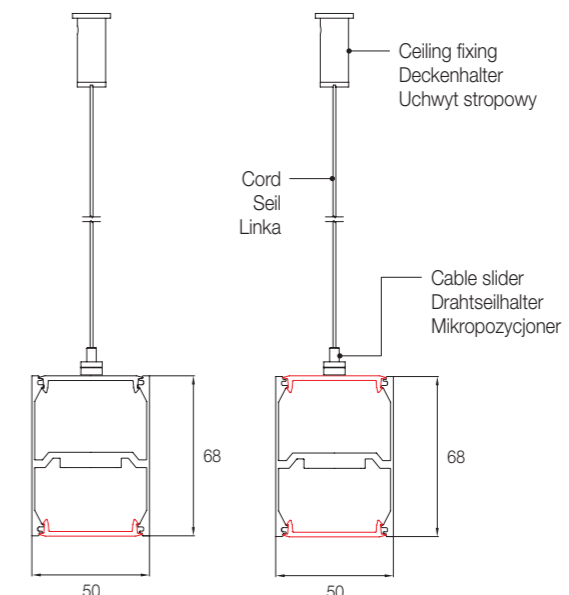
Aluminium malowane na kolor biały/czarny/RAL9006.

Dyfuzor:

satyna, mikropryzma, mikrokrystal.

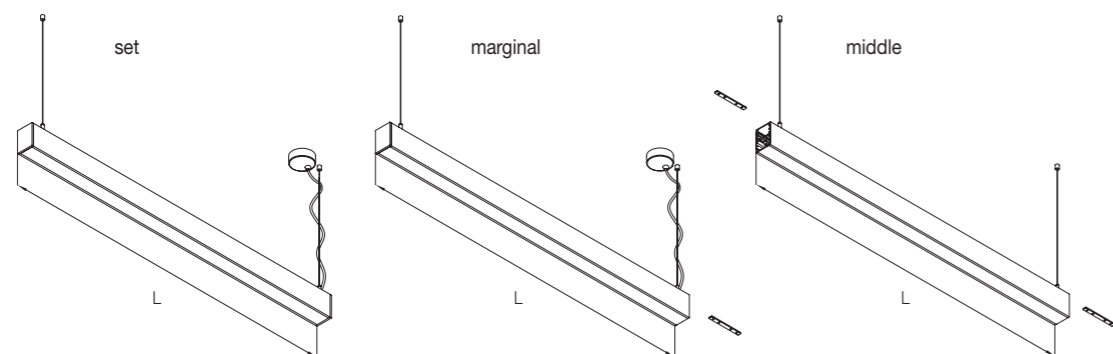
Zasilanie:

230V/50Hz, I klasa ochronności.



Linear direct

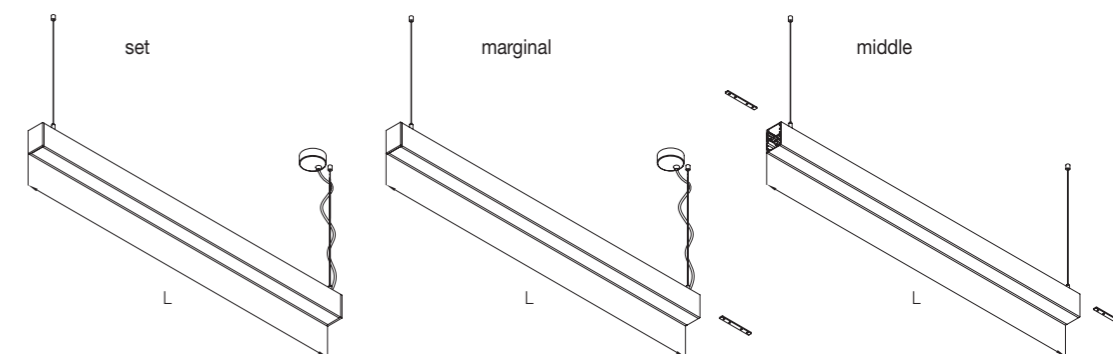
	length	length	length	power	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	567mm	564mm	8.6W	610 645lm	795 835lm	685 720lm	2 610b 0d1f 01/2ij
	—	849mm	846mm	12.9W	920 965lm	1195 1255m	1025 1080lm	2 610b 0d1f 02/2ij
	1134mm	1131mm	1128mm	17.2W	1225 1285lm	1590 1675lm	1370 1440lm	2 610b 0d1f 03/2ij
	1698mm	1695mm	1692mm	25.9W	1835 1930lm	2385 2510lm	2055 2165lm	2 610b 0d1f 04/2ij
	2262mm	2259mm	2256mm	34.5W	2445 2575lm	3180 3350lm	2740 2885lm	2 610b 0d1f 05/2ij
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	577mm	564mm	17.2W	1225 1285lm	1590 1675lm	1370 1440lm	2 610b 0d2f 01/2ij
	—	849mm	846mm	25.9W	1835 1930lm	2385 2510lm	2055 2165lm	2 610b 0d2f 02/2ij
	1134mm	1131mm	1128mm	34.5W	2445 2575lm	3180 3350lm	2740 2885lm	2 610b 0d2f 03/2ij
	1698mm	1695mm	1692mm	51.7W	3670 3865lm	4775 5025lm	4115 4325lm	2 610b 0d2f 04/2ij
	2262mm	2259mm	2256mm	69W	4895 5150lm	6365 6695lm	5485 5770lm	2 610b 0d2f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	RAL9006	3	satine	3	3000K	WW
marginal	1	on/off	5	white	4	microprism	4	4000K	W
middle	2	Corridor System	C	black	5	microcrystal	5		

Linear direct/indirect

	length	length	length	power	cct	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	set	marginal	middle			direct+indirect**	direct+indirect**	direct+indirect**	
	1134mm	1131mm	1128mm	25.9W	3000K	1225+910lm	1590+910lm	1370+910lm	2 610b 0d1f 03/3ij
	1698mm	1695mm	1692mm	39W	4000K	1285+975lm	1675+975lm	1440+975lm	
	2262mm	2259mm	2256mm	52W	3000K	1835+1365lm	2385+1365lm	2055+1365lm	2 610b 0d1f 04/3ij
					4000K	1930+1460lm	2510+1460lm	2165+1460lm	
					3000K	2445+1820lm	3180+1820lm	2740+1820lm	2 610b 0d1f 05/3ij
					4000K	2575+1950lm	3350+1950lm	2885+1950lm	
Version with LED CC* high efficacy (HO)	set	marginal	middle			direct+indirect**	direct+indirect**	direct+indirect**	
	1134mm	1131mm	1128mm	43.2W	3000K	2445+910lm	3180+910lm	2740+910lm	2 610b 0d2f 03/3ij
					4000K	2575+975lm	3350+975lm	2885+975lm	
	1698mm	1695mm	1692mm	64.8W	3000K	3670+1365lm	4775+1365lm	4115+1365lm	2 610b 0d2f 04/3ij
					4000K	3865+1460lm	5025+1460lm	4325+1460lm	
	2262mm	2259mm	2256mm	86.5W	3000K	4895+1820lm	6365+1820lm	5485+1820lm	2 610b 0d2f 05/3ij
					4000K	5150+1950lm	6695+1950lm	5770+1950lm	



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	RAL9006	3	satine	3	3000K	WW
marginal	1	on/off	5	white	4	microprism	4	4000K	W
middle	2			black	5	microcrystal	5		

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

* LED modules supplied with Constant Current, driver included.
** For the indirect light is always used satine diffuser.
*** Control option available only for direct light.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Für das indirekte Lichtanteil wird immer eine satinierte Abdeckung benutzt.
*** Diese Option für die Steuerung ist nur beim direkten Lichtanteil möglich.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
** Dla rozsyłu pośredniego zawsze stosowany jest dyfuzor satynowy.
*** Opcja sterowania dostępna tylko dla rozsyłu bezpośredniego.

HS50.68

Profiles System

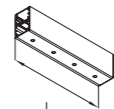
Spots

type	length	length	power	BB lens	beam angle	code
BB-CHILI						
	marginal	middle	3000 4000K			
BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 611b 0d9f 01/h0j
BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 611b 0d9f 02/h0j
BB-TUBE						
	marginal	middle	3000 4000K			
BB-TUBE S	144mm	141mm	4.6W (2xPower LED)	350-380 365-400lm	30°, 60°	2 612b 0d9f 01/h0j
BB-TUBE L	285mm	282mm	9.2W (4xPower LED)	700-760 735-800lm	30°, 60°	2 612b 0d9f 02/h0j

BB-CHILI S



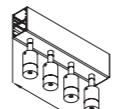
BB-CHILI L



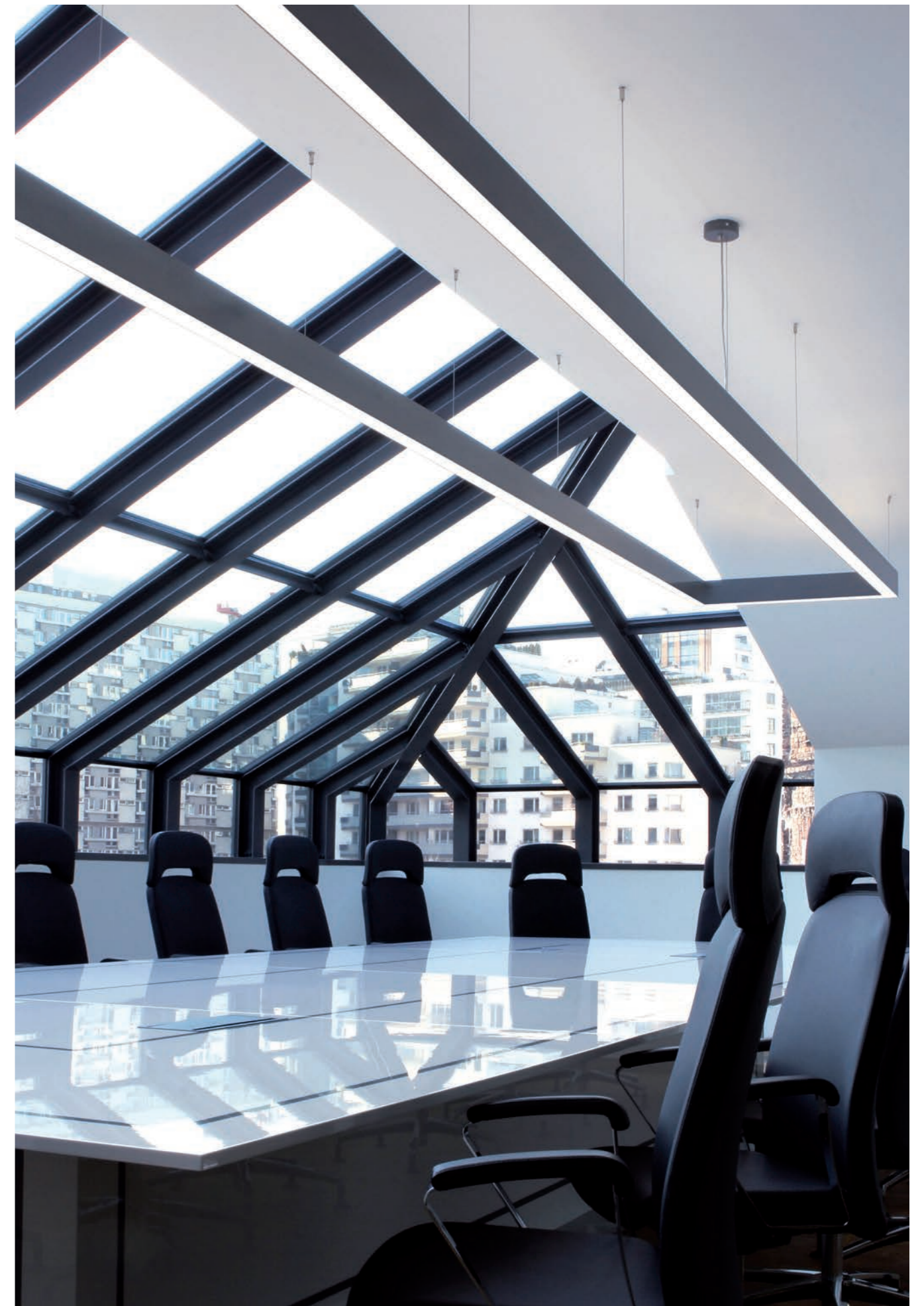
BB-TUBE S



BB-TUBE L

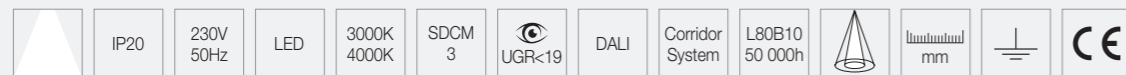


Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white black	4 5	60°	6	4000K	W



HV50.68

Profiles System



Typology:

Recessed mounted (shallow) aluminium profiles with direct light.

Material and finishing:

White painted aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism, microcrystal.

Feeding:

230V/50Hz, I class protection.

Typologie:

Einbauprofil (flach zurückgesetzt) direkt strahlend.

Material und Ausführung:

Weiß lackiert Aluprofile, Einbaurahmen grundiert (vorbereitet zum Malen).

Abdeckung:

satine, mikroprisma, mikrocrystale.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Wbudowany (płytko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

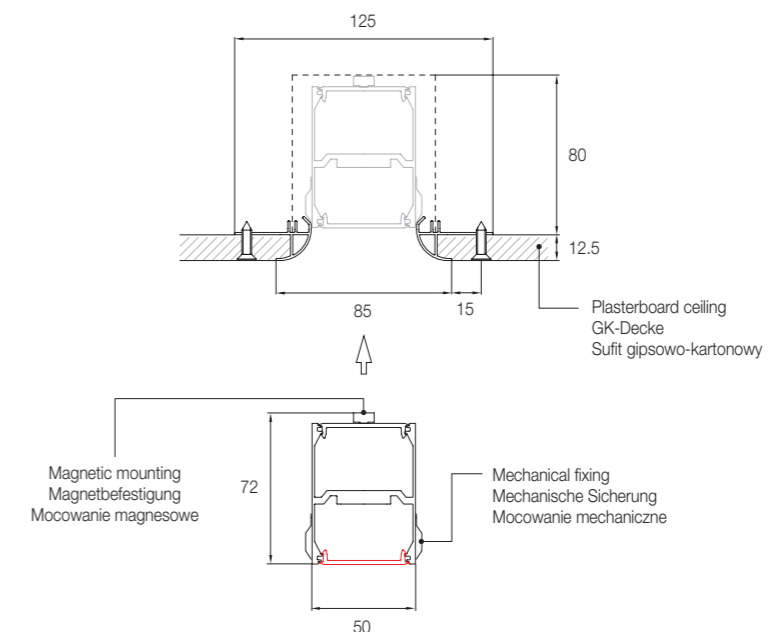
Profil aluminiowy malowany na kolor biały, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania)

Dyfuzor:









satyna, mikropryzma, mikrokrystal.

Zasilanie:

230V/50Hz, I klasa ochronności.

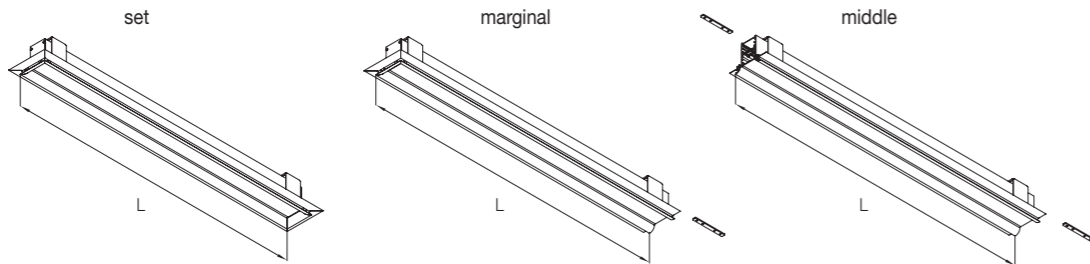


Linear

	 length	 length	 length	 power	 satine	 microprism	 microcrystal	 code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	585mm	564mm	8.6W	610 645lm	795 835lm	685 720lm	2 640 b 2d10 01/2ij
	—	867mm	846mm	12.9W	920 965lm	1195 1255m	1025 1080lm	2 640 b 2d10 02/2ij
	1170mm	1149mm	1128mm	17.2W	1225 1285lm	1590 1675lm	1370 1440lm	2 640 b 2d10 03/2ij
	1734mm	1713mm	1692mm	25.9W	1835 1930lm	2385 2510lm	2055 2165lm	2 640 b 2d10 04/2ij
	2298mm	2277mm	2256mm	34.5W	2445 2575lm	3180 3350lm	2740 2885lm	2 640 b 2d10 05/2ij

	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
Version with LED CC* high output (HO)	—	585mm	564mm	17.2W	1225 1285lm	1590 1675lm	1370 1440lm	2 640 b 2d20 01/2ij
	—	867mm	846mm	25.9W	1835 1930lm	2385 2510lm	2055 2165lm	2 640 b 2d20 02/2ij
	1170mm	1149mm	1128mm	34.5W	2445 2575lm	3180 3350lm	2740 2885lm	2 640 b 2d20 03/2ij
	1734mm	1713mm	1692mm	51.7W	3670 3865lm	4775 5025lm	4115 4325lm	2 640 b 2d20 04/2ij
	2298mm	2277mm	2256mm	69W	4895 5150lm	6365 6695lm	5485 5770lm	2 640 b 2d20 05/2ij

 L x 85mm
Hmin = 100mm



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C	microcrystal	5		

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.







* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.


AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

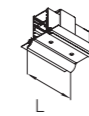
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

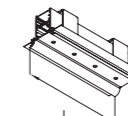
	 length	 length	 power	 BB lens	 beam angle	 code
BB-CHILI	marginal	middle		3000 4000K		
BB-CHILI S	162mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 641 b 2d90 01/h0j
BB-CHILI L	303mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 641 b 2d90 02/h0j

 L x 85mm
Hmin = 100mm

BB-CHILI S



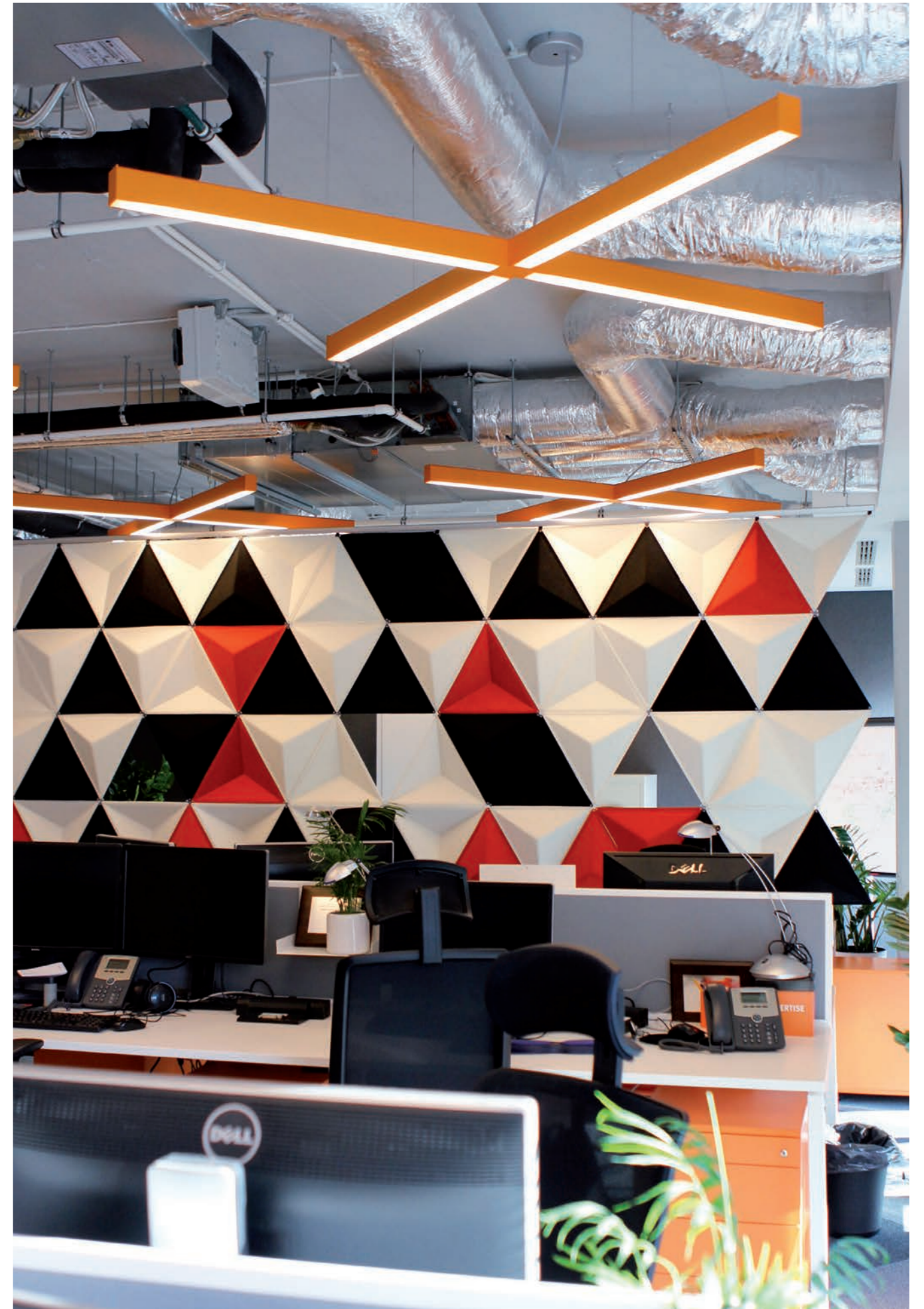
BB-CHILI L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W



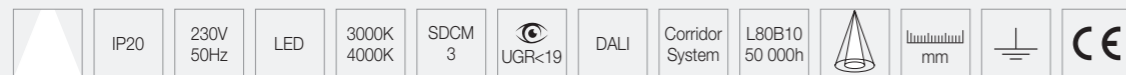
Office Building, Poland, Bulanda Mucha Architekci



Lease Plan Office, Poland, JMP Service

HW50.68

Profiles System



Typology:
Recessed mounted (deep) aluminium profiles with direct light.

Material and finishing:
White painted aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:
satine, microprism, microcrystal.

Feeding:
230V/50Hz, I class protection.

Typologie:
Einbauprofil (tief zurückgesetzt) direkt strahlend.

Material und Ausführung:
Weiß lackiert Aluprofile, Einbaurahmen grundiert (vorbereit zum Malen).

Abdeckung:
satine, mikroprisma, mikrocrystale.

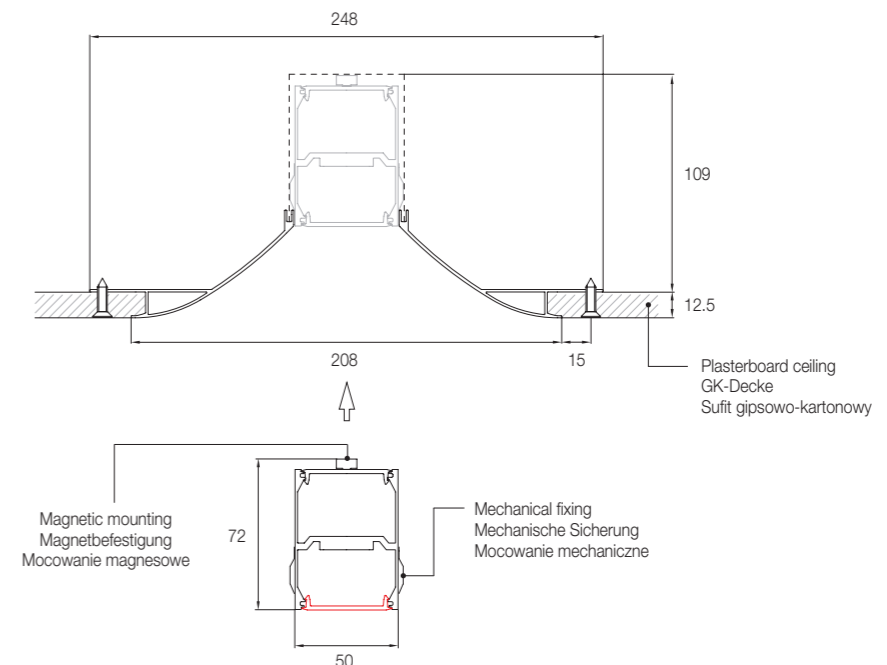
Einspeisung:
230V/50Hz, I Schutzklasse.

Typologia:
Wbudowany (głęboko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:
Profil aluminiowy malowany na kolor biały, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania)

Dyfuzor:
satyna, mikropryzma, mikrokrystal.

Zasilanie:
230V/50Hz, I klasa ochronności.

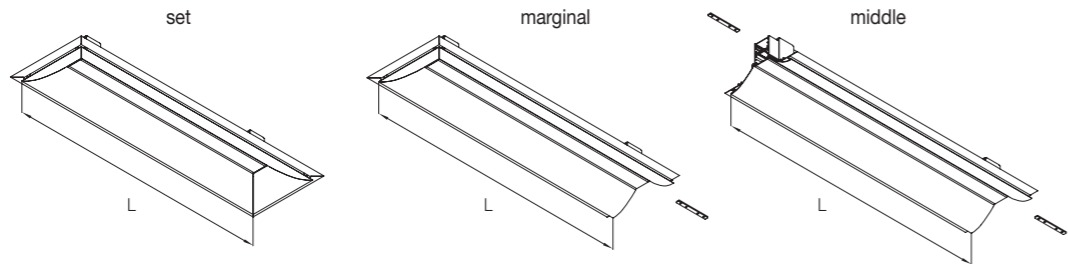


Linear

	length	length	length	power	satine	microprism	microcrystal	code
Version with LED CC* high efficacy (HE)	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
	—	647mm	564mm	8.6W	610 645lm	795 835lm	685 720lm	2 650 b 2d10 01/2ij
	—	929mm	846mm	12.9W	920 965lm	1195 1255m	1025 1080lm	2 650 b 2d10 02/2ij
	1294mm	1211mm	1128mm	17.2W	1225 1285lm	1590 1675lm	1370 1440lm	2 650 b 2d10 03/2ij
	1858mm	1775mm	1692mm	25.9W	1835 1930lm	2385 2510lm	2055 2165lm	2 650 b 2d10 04/2ij
	2422mm	2339mm	2256mm	34.5W	2445 2575lm	3180 3350lm	2740 2885lm	2 650 b 2d10 05/2ij

	set	marginal	middle		3000 4000K	3000 4000K	3000 4000K	
Version with LED CC* high output (HO)	—	647mm	564mm	17.2W	1225 1285lm	1590 1675lm	1370 1440lm	2 650 b 2d20 01/2ij
	—	929mm	846mm	25.9W	1835 1930lm	2385 2510lm	2055 2165lm	2 650 b 2d20 02/2ij
	1294mm	1211mm	1128mm	34.5W	2445 2575lm	3180 3350lm	2740 2885lm	2 650 b 2d20 03/2ij
	1858mm	1775mm	1692mm	51.7W	3670 3865lm	4775 5025lm	4115 4325lm	2 650 b 2d20 04/2ij
	2422mm	2339mm	2256mm	69W	4895 5150lm	6365 6695lm	5485 5770lm	2 650 b 2d20 05/2ij

L x 209mm
Hmin = 140mm



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C	microcrystal	5		

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

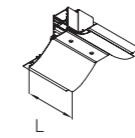
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

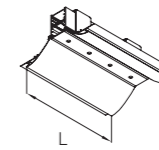
	length	length	power	BB lens	beam angle	code
BB-CHILI	marginal	middle		3000 4000K		
BB-CHILI S	224mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 651 b 2d90 01/h0j
BB-CHILI L	365mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 651 b 2d90 02/h0j

L x 209mm
Hmin = 140mm

BB-CHILI S



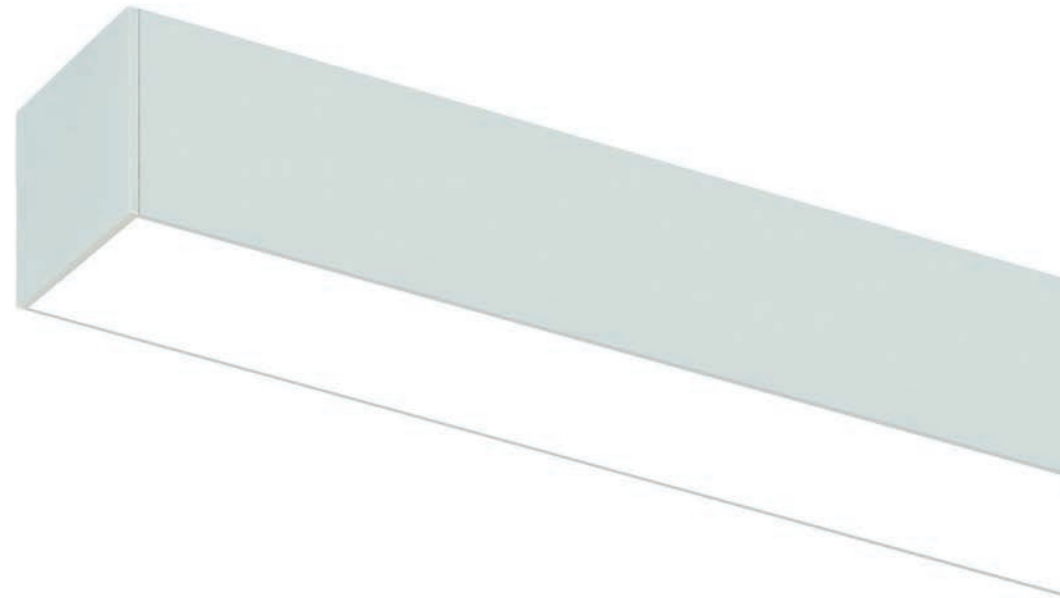
BB-CHILI L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W

H73

Profiles System

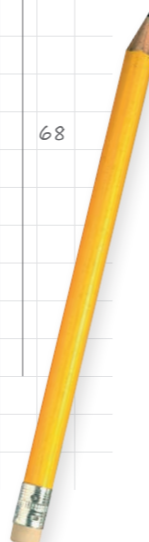
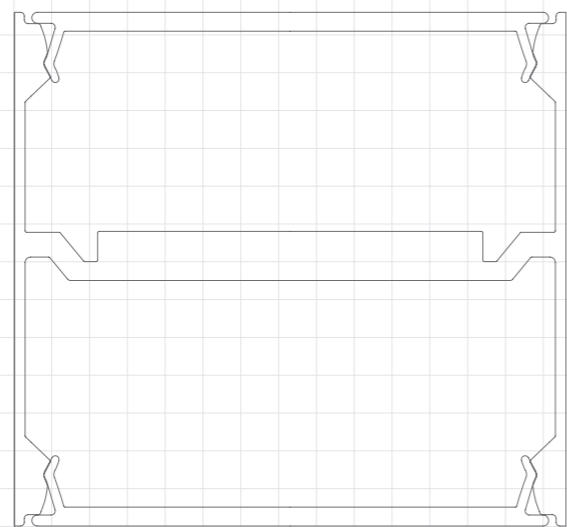


Suspended high-power profiles that are perfect for illuminating high and large rooms. This is the group of the biggest profiles equipped with dual LED modules. In line with the principle saying that the bigger the illumination surface the smaller the glare, the H70 profiles offer the best comfort of work and the most professional solution.

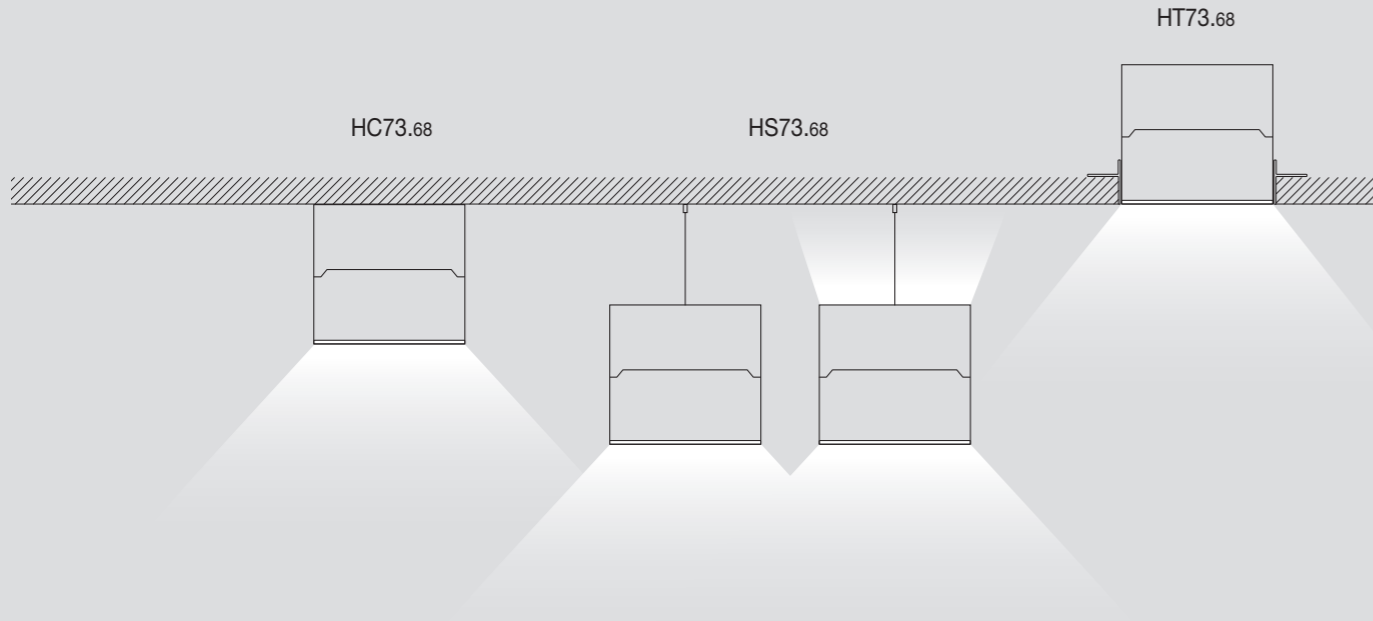
Hängende Profile mit hoher Leistung, ideal für die Beleuchtung von hohen und geräumigen Räumen. Es ist die Gruppe der größten Profile, in denen doppelte LED-Module installiert wurden. Im Einklang mit dem Grundsatz, dass je größer die leuchtende Oberfläche ist, desto geringer ist die Blendung, gewährleisten die H70-Profile den größten Arbeitskomfort und die professionellste Lösung.

Profile zwieszane o dużej mocy, idealne do oświetlania wysokich i dużych pomieszczeń. Jest to grupa profili o największych rozmiarach, w których zamieszczone zostały podwójne moduły LED. W myśl zasady, że im większa powierzchnia świecąca, tym mniejsze oślnienie, profile H70 to największy komfort pracy i najbardziej profesjonalne rozwiązanie.

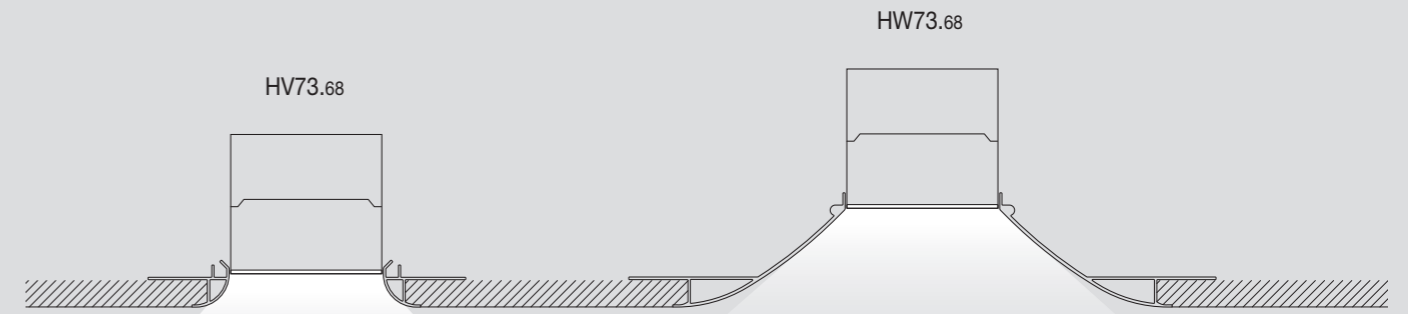
Scale 1:1



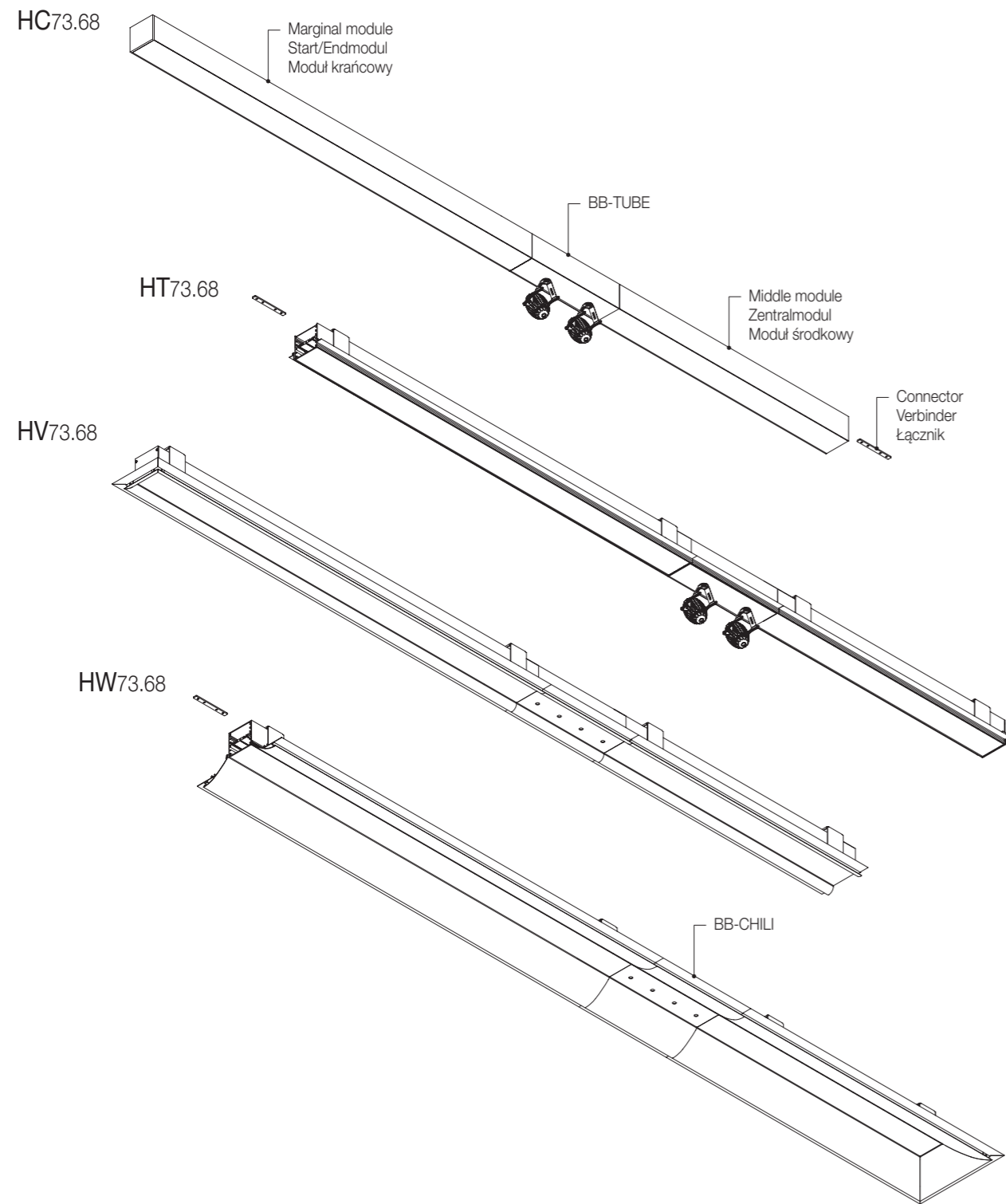
Filharmonia Świętokrzyska, Poland, arch. Marcin Piwoński, arch. Robert Brodziński, arch. Artur Stachura



Version	Ceiling Anbau Nabudowany page 260	Suspended Abgependelt Zwieszany page 266	Trmiless Einbau Rahmenlos Wbudowany bezramkowy page 272	
Type	linear BB-Chili BB-Tube	linear BB-Chili BB-Tube	linear BB-Chili BB-Tube	
Diffuser	satine microprism UGR<19	satine microprism UGR<19	satine microprism UGR<19	
Light output	LED CC HO LED CC 2HO Power LED	direct + indirect up to 2830+975 lm/m up to 5400+1820 lm/m up to 615 lm/pc.	up to 2830 lm/m up to 5400 lm/m up to 615 lm/pc.	
	Efficacy	only for the direct light LED CC Power LED	up to 92 lm/W up to 65 lm/W	up to 92 lm/W up to 65 lm/W
	CCT	3000K / 4000K	3000K / 4000K	3000K / 4000K
CRI	≥80	≥80	≥80	
Control	on/off, DALI, Corridor System	on/off, DALI, Corridor System	on/off, DALI, Corridor System	
Finishing	● ● ●	● ● ●	○	

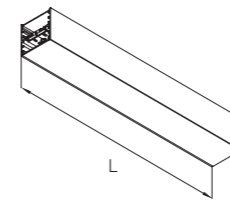


Version	Shallow Einbau flach zurückgesetzt Wbudowany płytko cofnięty page 278	Deep Einbau tief zurückgesetzt Wbudowany głęboko cofnięty page 282	
Type	linear BB-Chili	linear BB-Chili	
Diffuser	satine microprism UGR<19	satine microprism UGR<19	
Light output	up to 2850 lm/m up to 5400 lm/m up to 200 lm/pc.	up to 2850 lm/m up to 5400 lm/m up to 200 lm/pc.	
	Efficacy	up to 92 lm/W up to 97 lm/W	up to 92 lm/W up to 97 lm/W
	CCT	3000K / 4000K	3000K / 4000K
CRI	≥80	≥80	
Control	on/off, DALI, Corridor System	on/off, DALI, Corridor System	
Finishing	○	○	



The figure above is for illustrative purposes only.
Die Abbildung oben dient nur als Beispiel.
Powyższy rysunek ma charakter wyłącznie poglądowy.

Linear modules

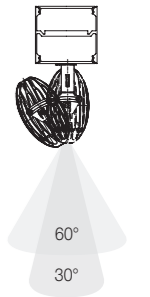
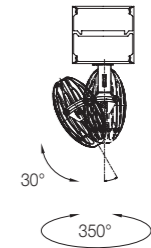
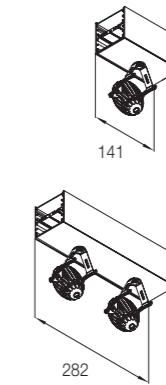


Available lengths:

- 1134mm - 2422mm (sets)
- 567mm - 2339mm (marginal)
- 564mm - 2256mm (middle)

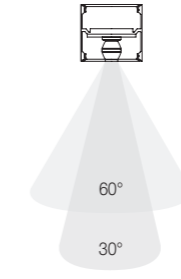
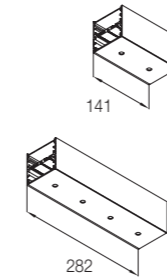
Customized lengths on demand.

BB-TUBE modules*



System by **Bartenbach**.
LFO optic

BB-CHILI modules



System by **Bartenbach**.
LFO optic

* Available only for UC, US, UT versions of profiles.

All dimensions are dependent on the version of the profile and type of module (set, marginal or middle).

* Erhältlich für UC, US, UT Version.

Alle Längen sind von Profilen und Modulen (Set, Start/Endmodul oder Zentralmodul) abhängig.

* Dostępne dla wersji profili UC, US, UT.

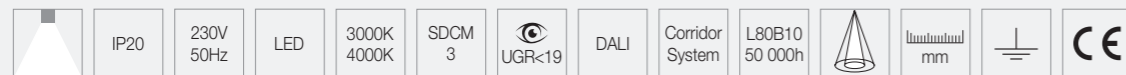
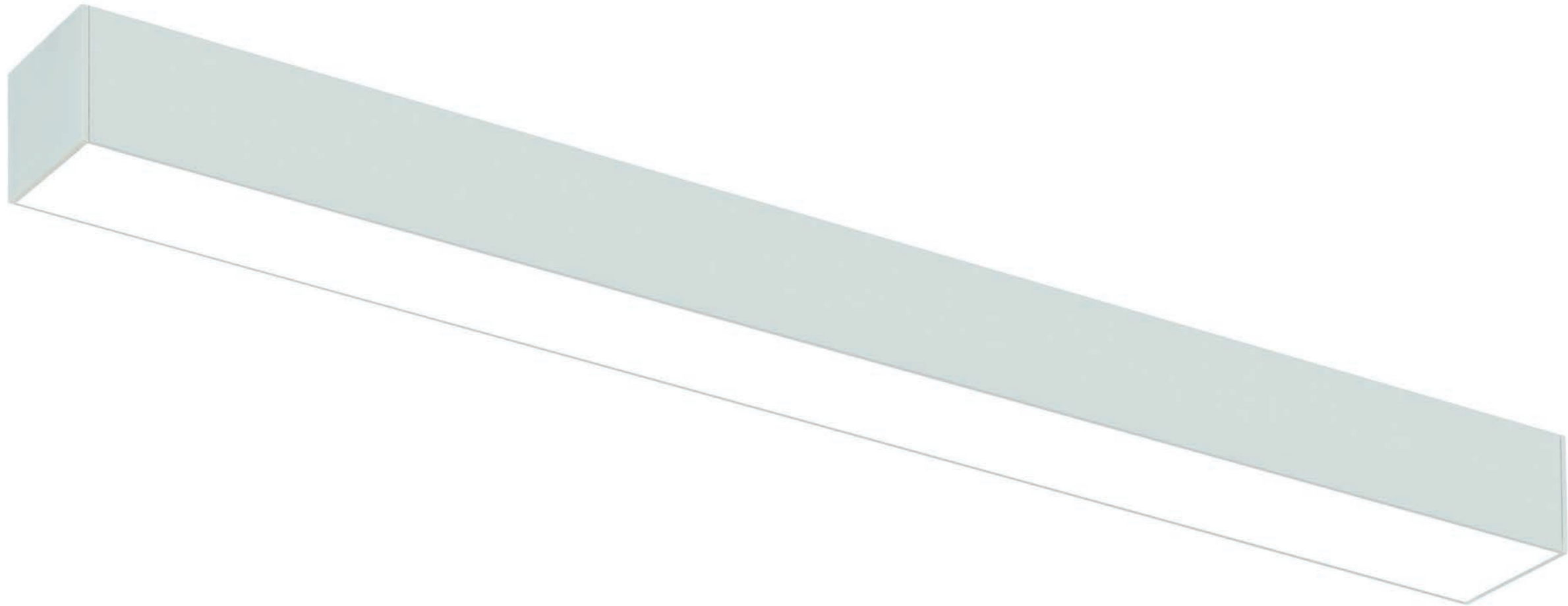
Wszystkie wymiary zależne są od wersji profilu i typu modułu (oprawa pojedyncza, krańcowa lub środkowa).



Filharmonia Świętokrzyska, Poland, arch. Marcin Piwoński, arch. Robert Brodziński, arch. Artur Stachura

HC73.68

Profiles System

**Typology:**

Surface mounted aluminium profiles with direct light.

Material and finishing:

White/black/RAL9006 painted aluminium.

Diffuser:

satine, mikroprizma.

Feeding:

230V/50Hz, I class protection.

Typologie:

Aufbauprofil direkt strahlend.

Material und Ausführung:

Aluprofil weiß/schwarz/RAL9006 lackiert.

Abdeckung:

satine, mikroprismae.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

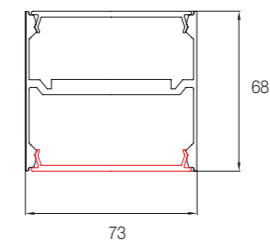
Aluminium malowane na kolor biały/czarny/RAL9006.

Dyfuzor:

satyna, mikropryzma.

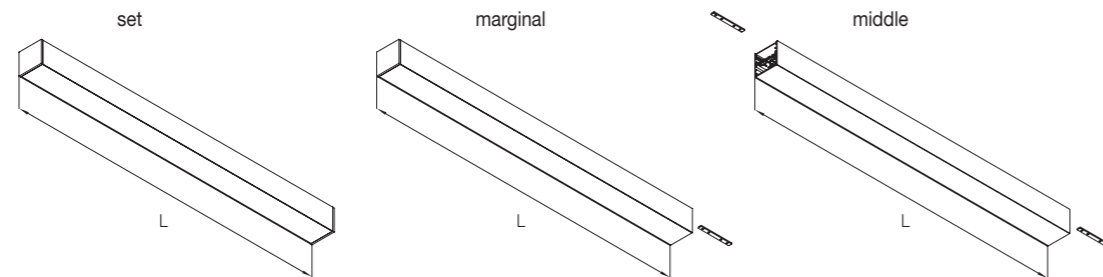
Zasilanie:

230V/50Hz, I klasa ochronności.



Linear

	length	length	length	power	satine	microprism	code
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	17.2W	1275 1340lm	1520 1560lm	2 700b 4d2f 01/2ij
	—	849mm	846mm	25.9W	1910 2010lm	2275 2395lm	2 700b 4d2f 02/2ij
	1134mm	1131mm	1128mm	34.5W	2545 2680lm	3035 3195lm	2 700b 4d2f 03/2ij
	1698mm	1695mm	1692mm	51.7W	3820 4020lm	4555 4790lm	2 700b 4d2f 04/2ij
	2262mm	2259mm	2256mm	69W	5090 5355lm	6070 6385lm	2 700b 4d2f 05/2ij
Version with LED CC* double high output (2HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	34.5W	2545 2554lm	3035 3045lm	2 700b 4d3f 01/2ij
	—	849mm	846mm	51.7W	3820 3830lm	4555 4565lm	2 700b 4d3f 02/2ij
	1134mm	1131mm	1128mm	69W	5090 5110lm	6070 6090lm	2 700b 4d3f 03/2ij
	1698mm	1695mm	1692mm	103W	7635 7665lm	9105 9135lm	2 700b 4d3f 04/2ij
	2262mm	2259mm	2256mm	138W	10184 10215lm	12145 12185lm	2 700b 4d3f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	RAL9006	3	satine	3	3000K	WW
marginal	1	on/off	5	white	4	microprism	4	4000K	W
middle	2	Corridor System**	C	black	5				

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

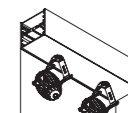
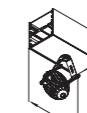
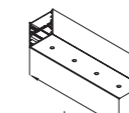
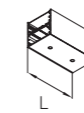
	length	length	power	BB lens	beam angle	code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 701b 4d9f 01/h0j
	BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 701b 4d9f 02/h0j
BB-TUBE	marginal	middle		3000 4000K			
	BB-TUBE S	144mm	141mm	9.5W (1xPower LED)	540-585 560-615lm	30°, 60°	2 702b 4d9f 01/h0j
	BB-TUBE L	285mm	282mm	19W (2xPower LED)	1080-1170 1135-1230lm	30°, 60°	2 702b 4d9f 02/h0j

BB-CHILI S

BB-CHILI L

BB-TUBE S

BB-TUBE L



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white	4	60°	6	4000K	W
				black	5				



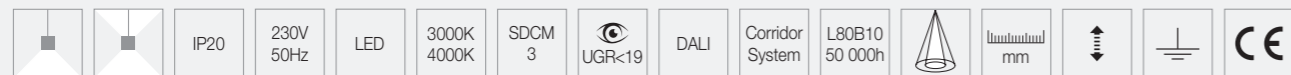
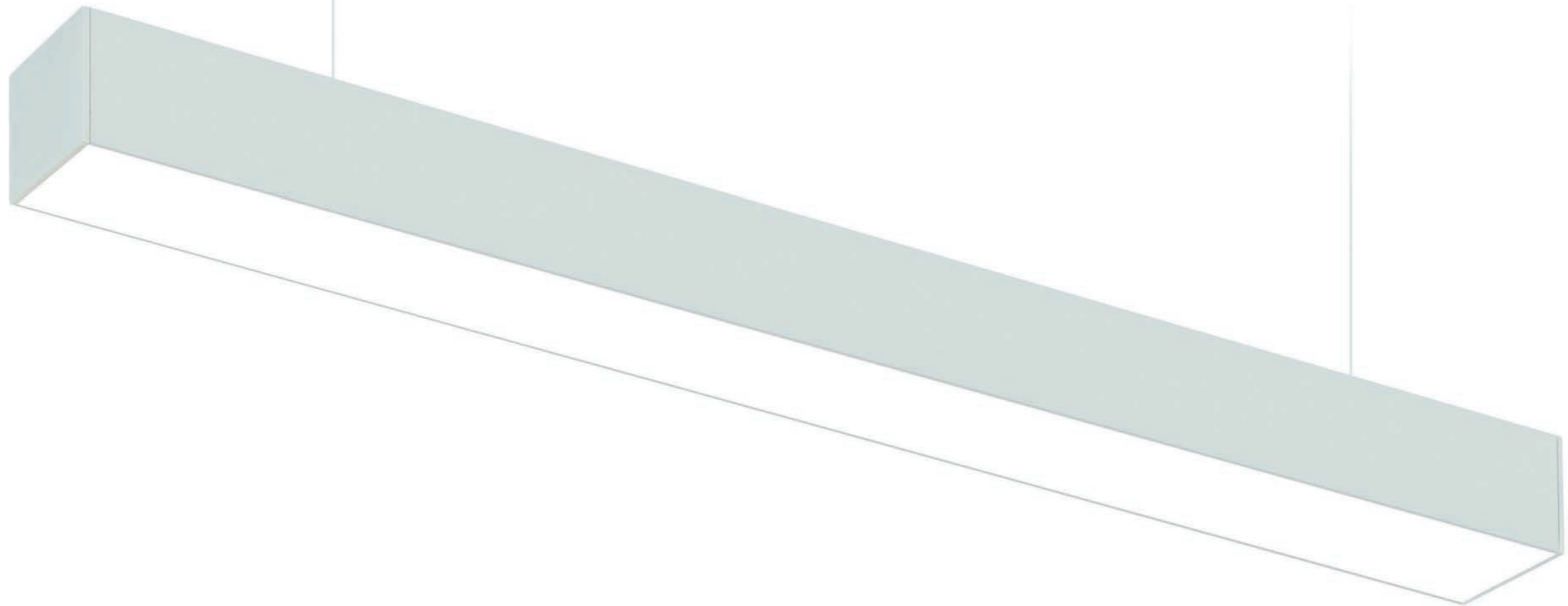
Office Building, Poland, Bulanda Mucha Architekci



Pankrac House, Czech Republic, Lumidee, Miroslav Dudek

HS73.68

Profiles System



Typology:
Suspended mounted aluminium profiles with direct or direct/indirect light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine, microprism.

Feeding:
230V/50Hz, I class protection.

Typologie:
Abgependelte Aluminium Profile direkt strahlend oder direkt/indirekt strahlend.

Material und Ausführung:
Aluprofil weiß/schwarz/RAL9006 lackiert.

Abdeckung:
satine, mikroprismae.

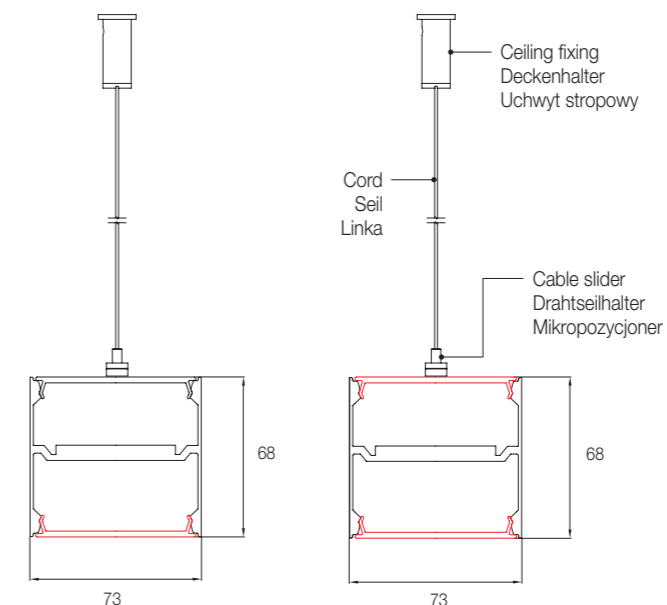
Einspeisung:
230V/50Hz, I Schutzklasse.

Typologia:
Zwieszany, aluminiowy profil świecący światłem bezpośrednim lub bezpośrednim/pośrednim.








Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.

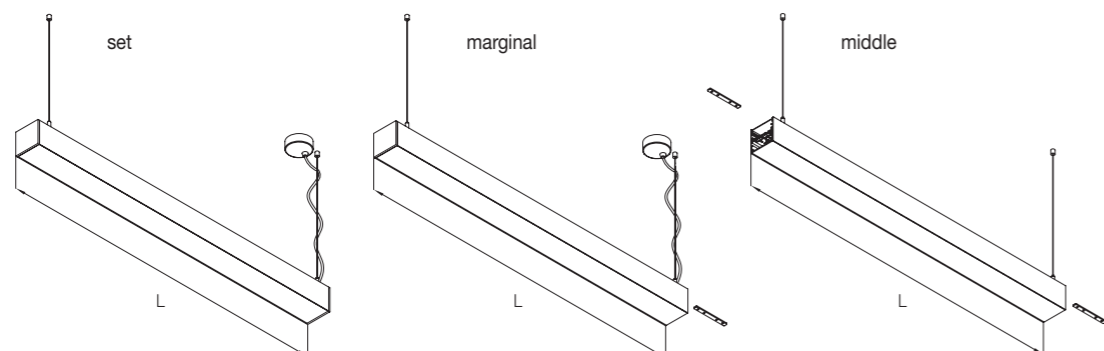
Dyfuzor:
satyna, mikropryzma.

Zasilanie:
230V/50Hz, I klasa ochronności.






Linear direct

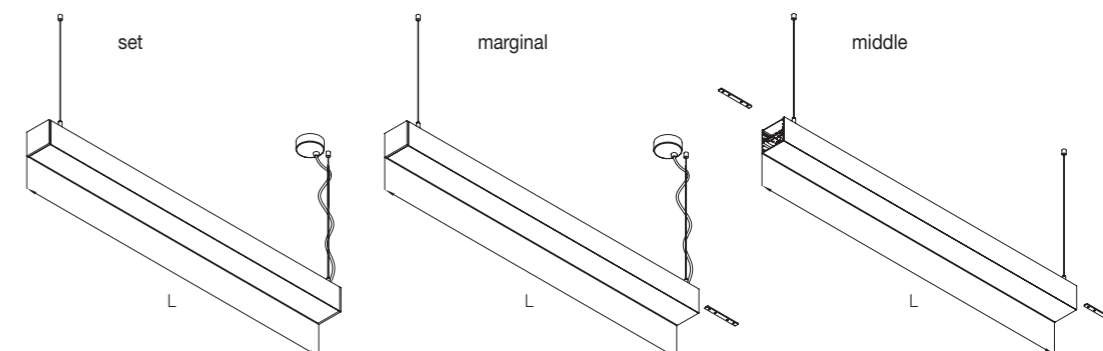
	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	17.2W	1275 1340lm	1520 1560lm	2 710b 0d2f 01/2ij
	—	849mm	846mm	25.9W	1910 2010lm	2275 2395lm	2 710b 0d2f 02/2ij
	1134mm	1131mm	1128mm	34.5W	2545 2680lm	3035 3195lm	2 710b 0d2f 03/2ij
	1698mm	1695mm	1692mm	51.7W	3820 4020lm	4555 4790lm	2 710b 0d2f 04/2ij
	2262mm	2259mm	2256mm	69W	5090 5355lm	6070 6385lm	2 710b 0d2f 05/2ij
Version with LED CC* double high output (2HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	567mm	564mm	34.5W	2545 2554lm	3035 3045lm	2 710b 0d3f 01/2ij
	—	849mm	846mm	51.7W	3820 3830lm	4555 4565lm	2 710b 0d3f 02/2ij
	1134mm	1131mm	1128mm	69W	5090 5110lm	6070 6090lm	2 710b 0d3f 03/2ij
	1698mm	1695mm	1692mm	103W	7635 7665lm	9105 9135lm	2 710b 0d3f 04/2ij
	2262mm	2259mm	2256mm	138W	10184 10215lm	12145 12185lm	2 710b 0d3f 05/2ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI	4	RAL9006	3	satine	3	3000K	WW
marginal	1	on/off	5	white	4	microprism	4	4000K	W
middle	2	Corridor System	C	black	5				

Linear direct/indirect

	 length	 length	 length	 power	 cct	 satine	 microprism	 code
Version with LED CC* high output (HO)	set	marginal	middle			direct+indirect**	direct+indirect**	
	1134mm	1131mm	1128mm	43.2W	3000K 4000K	2545+910lm 2680+975lm	3035+910lm 3195+975lm	2 710b 0d2f 03/3ij
	1698mm	1695mm	1692mm	64.8W	3000K 4000K	3820+1365lm 4020+1460lm	4555+1365lm 4790+1460lm	2 710b 0d2f 04/3ij
	2262mm	2259mm	2256mm	85.6W	3000K 4000K	5090+1820lm 5355+1950lm	6070+1820lm 6385+1950lm	2 710b 0d2f 05/3ij
Version with LED CC* double high output (2HO)	set	marginal	middle			direct+indirect**	direct+indirect**	
	1134mm	1131mm	1128mm	87W	3000K 4000K	5090+1720lm 5110+1820lm	6070+1720lm 6090+1820lm	2 710b 0d3f 03/3ij
	1698mm	1695mm	1692mm	130.5W	3000K 4000K	7635+2585lm 7665+2730lm	9105+2585lm 9135+2730lm	2 710b 0d3f 04/3ij
	2262mm	2259mm	2256mm	174W	3000K 4000K	10185+3445lm 10215+3640lm	12145+3445lm 12185+3640lm	2 710b 0d3f 05/3ij



Module	b	Control	d	Finish	f	Diffuser	i	CCT	j
set	0	DALI***	4	RAL9006	3	satine	3	3000K	WW
marginal	1	on/off	5	white	4	microprism	4	4000K	W
middle	2			black	5				

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

* LED modules supplied with Constant Current, driver included.
** For the indirect light is always used satine diffuser.
*** Control option available only for direct light.

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Für das indirekte Lichtanteil wird immer eine satinierte Abdeckung benutzt.
*** Diese Option für die Steuerung ist nur beim direkten Lichtanteil möglich.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
** Dla rozsyłu pośredniego zawsze stosowany jest dyfuzor satynowy.
*** Opcja sterowania dostępna tylko dla rozsyłu bezpośredniego.

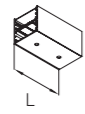
HS73.68

Profiles System

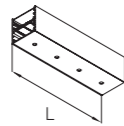
Spots

type	length	length	power	BB lens	beam angle	code
BB-CHILI		marginal	middle	3000 4000K		
BB-CHILI S	144mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 711b 0d9f 01/h0j
BB-CHILI L	285mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 711b 0d9f 02/h0j
BB-TUBE		marginal	middle	3000 4000K		
BB-TUBE S	144mm	141mm	9.5W (1xPower LED)	540-585 560-615lm	30°, 60°	2 712b 0d9f 01/h0j
BB-TUBE L	285mm	282mm	19W (2xPower LED)	1080-1170 1135-1230lm	30°, 60°	2 712b 0d9f 02/h0j

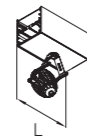
BB-CHILI S



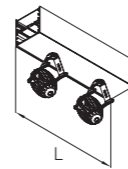
BB-CHILI L



BB-TUBE S



BB-TUBE L

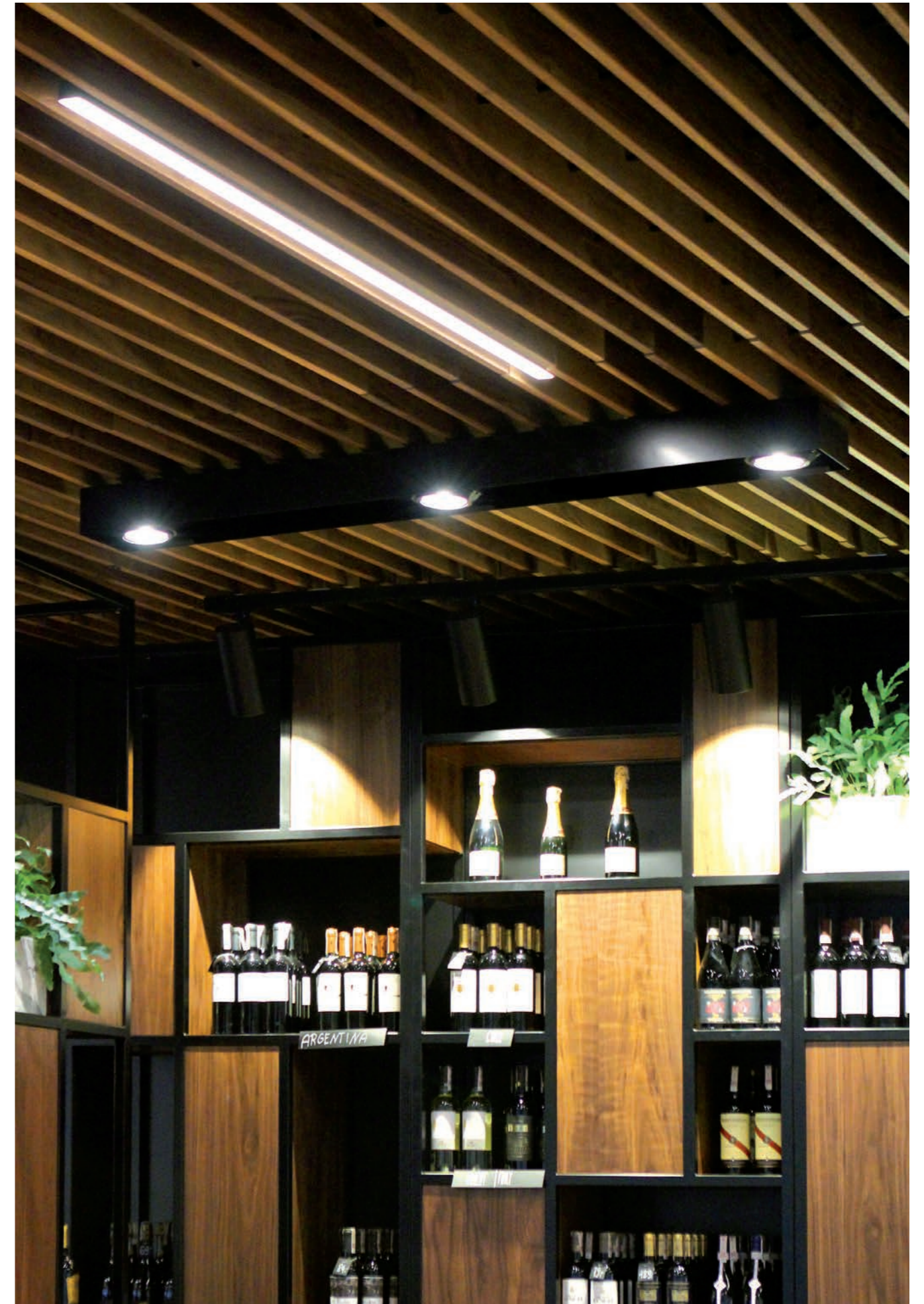


Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
marginal	1	DALI	4	RAL9006	3	30°	5	3000K	WW
middle	2	on/off	5	white black	4 5	60°	6	4000K	W

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich.

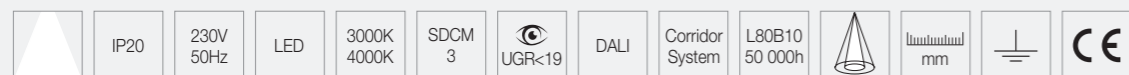
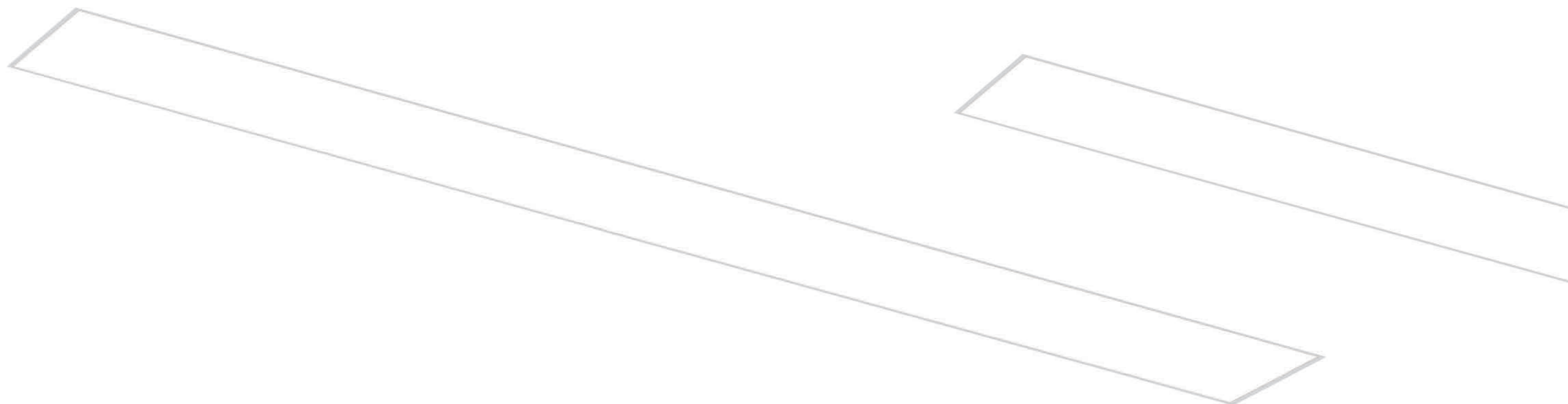
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.



Mercure Hotel, Poland, Kaczmarek Studio S.C., arch. Iwona Kaczmarek, arch. Mirosław Kaczmarek

HT 73.68

Profiles System



Typology:
Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:
White painted aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:
satine, microprism.

Feeding:
230V/50Hz, I class protection.

Typologie:
Einbauprofil rahmenlos direkt strahlend.

Material und Ausführung:
Weiß lackiert Aluprofile, Einbaurahmen grundiert (vorbereit zum Malen).

Abdeckung:
satine, mikroprisma.

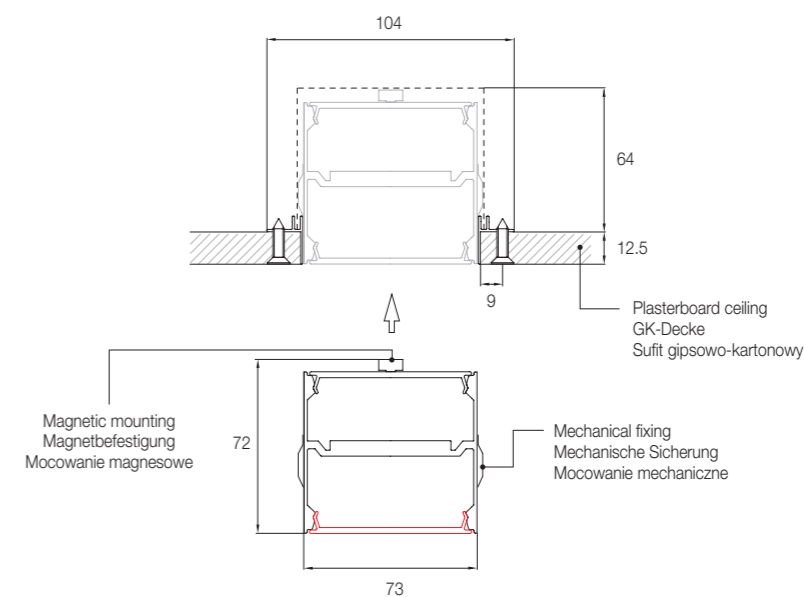
Einspeisung:
230V/50Hz, I Schutzklasse.

Typologia:
Wbudowany (bezzramkowy), aluminiowy profil świecący światłem bezpośrednim.








Materiał i wykończenie:
Profil aluminiowy malowany na kolor biały, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania)


Dyfuzor:
satyna, mikropryzma.

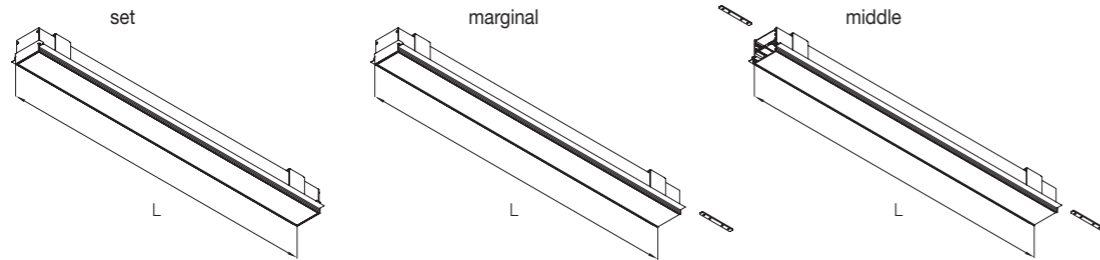
Zasilanie:
230V/50Hz, I klasa ochronności.



Linear







	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	570mm	564mm	17.2W	1275 1340lm	1520 1560lm	2 730 b 2d20 01/2ij
	—	852mm	846mm	25.9W	1910 2010lm	2275 2395lm	2 730 b 2d20 02/2ij
	1140mm	1134mm	1128mm	34.5W	2545 2680lm	3035 3195lm	2 730 b 2d20 03/2ij
	1704mm	1698mm	1692mm	51.7W	3820 4020lm	4555 4790lm	2 730 b 2d20 04/2ij
	2268mm	2262mm	2256mm	69W	5090 5355lm	6070 6385lm	2 730 b 2d20 05/2ij
Version with LED CC* double high output (2HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	570mm	564mm	34.5W	2545 2554lm	3035 3045lm	2 730 b 2d30 01/2ij
	—	852mm	846mm	51.7W	3820 3830lm	4555 4565lm	2 730 b 2d30 02/2ij
	1140mm	1134mm	1128mm	69W	5090 5110lm	6070 6090lm	2 730 b 2d30 03/2ij
	1704mm	1698mm	1692mm	103W	7635 7665lm	9105 9135lm	2 730 b 2d30 04/2ij
	2268mm	2262mm	2256mm	138W	10184 10215lm	12145 12185lm	2 730 b 2d30 05/2ij


 set (L+2mm) x 77mm
marginal (L+1mm) x 77mm
middle L x 77mm
Hmin = 100mm



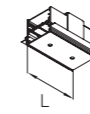
Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C				

Spots

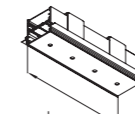
	 length	 length	 power	 BB lens	 beam angle	 code
BB-CHILI	marginal	middle		3000 4000K		
BB-CHILI S	147mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 731 b 2d90 01/h0j
BB-CHILI L	288mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 731 b 2d90 02/h0j
BB-TUBE	marginal	middle		3000 4000K		
BB-TUBE S	147mm	141mm	9.5W (1xPower LED)	540-585 560-615lm	30°, 60°	2 732 b 2d90 01/h0j
BB-TUBE L	288mm	282mm	19W (2xPower LED)	1080-1170 1135-1230lm	30°, 60°	2 732 b 2d90 02/h0j

 marginal (L+1mm) x 77mm
middle L x 77mm
Hmin = 100mm

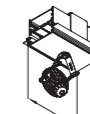
BB-CHILI S



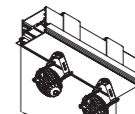
BB-CHILI L



BB-TUBE S



BB-TUBE L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

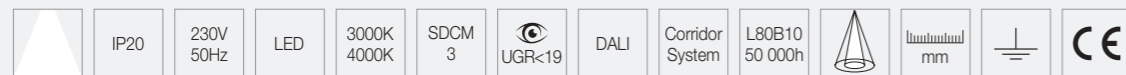
* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.



HV73.68

Profiles System



Typology:

Recessed mounted (shallow) aluminium profiles with direct light.

Material and finishing:

White painted aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

230V/50Hz, I class protection.

Typologie:

Einbauprofil (flach zurückgesetzt) direkt strahlend.

Material und Ausführung:

Weiß lackiert Aluprofile, Einbaurahmen grundiert (vorbereitend zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Wbudowany (płytko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

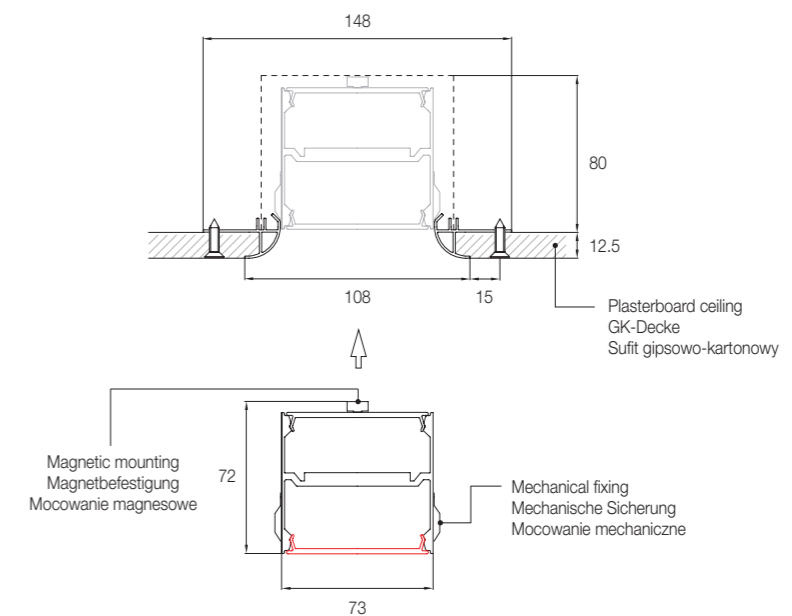
Profil aluminiowy malowany na kolor biały, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania)

Dyfuzor:








satyna, mikropryzma.

Zasilanie:


230V/50Hz, I klasa ochronności.

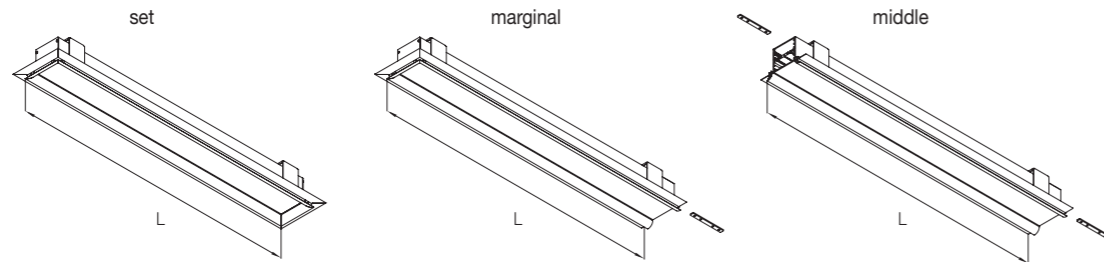


Linear

	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	585mm	564mm	17.2W	1275 1340lm	1520 1560lm	2 740 b 2d20 01/2ij
	—	867mm	846mm	25.9W	1910 2010lm	2275 2395lm	2 740 b 2d20 02/2ij
	1170mm	1149mm	1128mm	34.5W	2545 2680lm	3035 3195lm	2 740 b 2d20 03/2ij
	1734mm	1713mm	1692mm	51.7W	3820 4020lm	4555 4790lm	2 740 b 2d20 04/2ij
	2298mm	2277mm	2256mm	69W	5090 5355lm	6070 6385lm	2 740 b 2d20 05/2ij

	set	marginal	middle		3000 4000K	3000 4000K	
Version with LED CC* double high output (2HO)	—	585mm	564mm	34.5W	2545 2554lm	3035 3045lm	2 740 b 2d30 01/2ij
	—	867mm	846mm	51.7W	3820 3830lm	4555 4565lm	2 740 b 2d30 02/2ij
	1170mm	1149mm	1128mm	69W	5090 5110lm	6070 6090lm	2 740 b 2d30 03/2ij
	1734mm	1713mm	1692mm	103W	7635 7665lm	9105 9135lm	2 740 b 2d30 04/2ij
	2298mm	2277mm	2256mm	138W	10184 10215lm	12145 12185lm	2 740 b 2d30 05/2ij

 L x 108mm
Hmin = 100mm



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C				

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.







* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.


AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

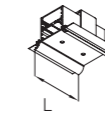
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

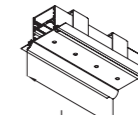
	 length	 length	 power	 BB lens	 beam angle	 code
BB-CHILI	marginal	middle		3000 4000K		
BB-CHILI S	162mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 741 b 2d90 01/h0j
BB-CHILI L	303mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 741 b 2d90 02/h0j

 L x 108mm
Hmin = 100mm

BB-CHILI S



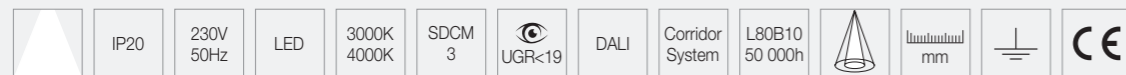
BB-CHILI L



Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W

HW73.68

Profiles System



Typology:

Recessed mounted (deep) aluminium profiles with direct light.

Material and finishing:

White painted aluminium profile, mounting frame covered with colorless primer (prepared for painting).

Diffuser:

satine, microprism.

Feeding:

230V/50Hz, I class protection.

Typologie:

Einbauprofil (tief zurückgesetzt) direkt strahlend.

Material und Ausführung:

Weiß lackiert Aluprofile, Einbaurahmen grundiert (vorbereitet zum Malen).

Abdeckung:

satine, mikroprisma.

Einspeisung:

230V/50Hz, I Schutzklasse.

Typologia:

Wbudowany (głęboko cofnięty), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:

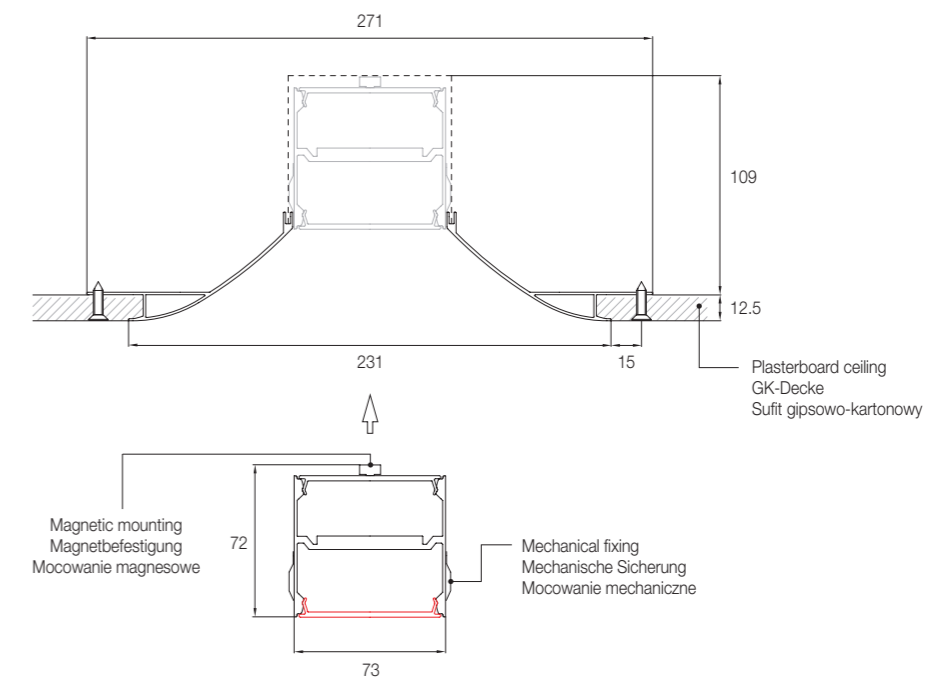
Profil aluminiowy malowany na kolor biały, ramka montażowa pokryta bezbarwnym podkładem (przygotowana do malowania)

Dyfuzor:








satyna, mikropryzma.

Zasilanie:


230V/50Hz, I klasa ochronności.

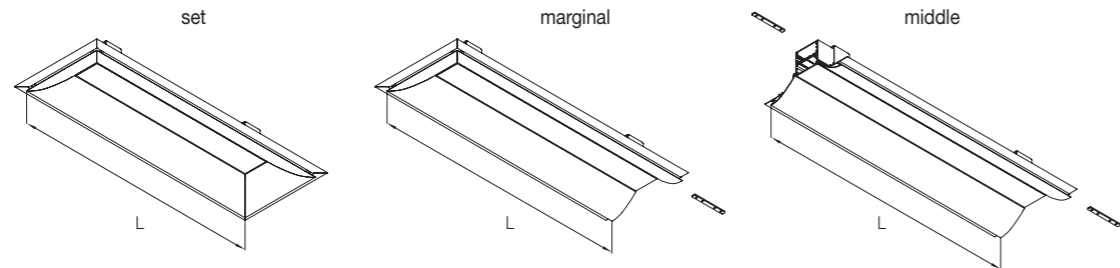


Linear

	 length	 length	 length	 power	 satine	 microprism	 code
Version with LED CC* high output (HO)	set	marginal	middle		3000 4000K	3000 4000K	
	—	647mm	564mm	17.2W	1275 1340lm	1520 1560lm	2 750 b 2d20 01/2ij
	—	929mm	846mm	25.9W	1910 2010lm	2275 2395lm	2 750 b 2d20 02/2ij
	1294mm	1211mm	1128mm	34.5W	2545 2680lm	3035 3195lm	2 750 b 2d20 03/2ij
	1858mm	1775mm	1692mm	51.7W	3820 4020lm	4555 4790lm	2 750 b 2d20 04/2ij
	2422mm	2339mm	69W	5090 5355lm	6070 6385lm	2 750 b 2d20 05/2ij	

	set	marginal	middle		3000 4000K	3000 4000K	
Version with LED CC* double high output (2HO)	—	647mm	564mm	34.5W	2545 2554lm	3035 3045lm	2 750 b 2d30 01/2ij
	—	929mm	846mm	51.7W	3820 3830lm	4555 4565lm	2 750 b 2d30 02/2ij
	1294mm	1211mm	1128mm	69W	5090 5110lm	6070 6090lm	2 750 b 2d30 03/2ij
	1858mm	1775mm	1692mm	103W	7635 7665lm	9105 9135lm	2 750 b 2d30 04/2ij
	2422mm	2339mm	2256mm	138W	10184 10215lm	12145 12185lm	2 750 b 2d30 05/2ij

 L x 232mm
Hmin = 140mm



Module	b	Control	d	Diffuser	i	CCT	j
set	0	DALI	4	satine	3	3000K	WW
marginal	1	on/off	5	microprism	4	4000K	W
middle	2	Corridor System**	C				

* LED modules supplied with Constant Current, driver included.
** Available option only for LED CC.

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.







* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Die Option ist nur für LED CC erhältlich.


AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTICH.

* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Dostępna opcja tylko dla modułów LED CC.

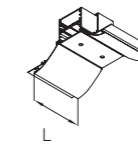
AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

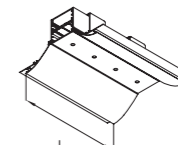
	 length	 length	 power	 BB lens	 beam angle	 code	
BB-CHILI	marginal	middle		3000 4000K			
	BB-CHILI S	224mm	141mm	4.4W (2xPower LED)	350-380 390-420lm	30°, 60°	2 751 b 2d90 01/h0j
	BB-CHILI L	365mm	282mm	8.7W (4xPower LED)	700-760 780-850lm	30°, 60°	2 751 b 2d90 02/h0j

 L x 232mm
Hmin = 140mm

BB-CHILI S



BB-CHILI L



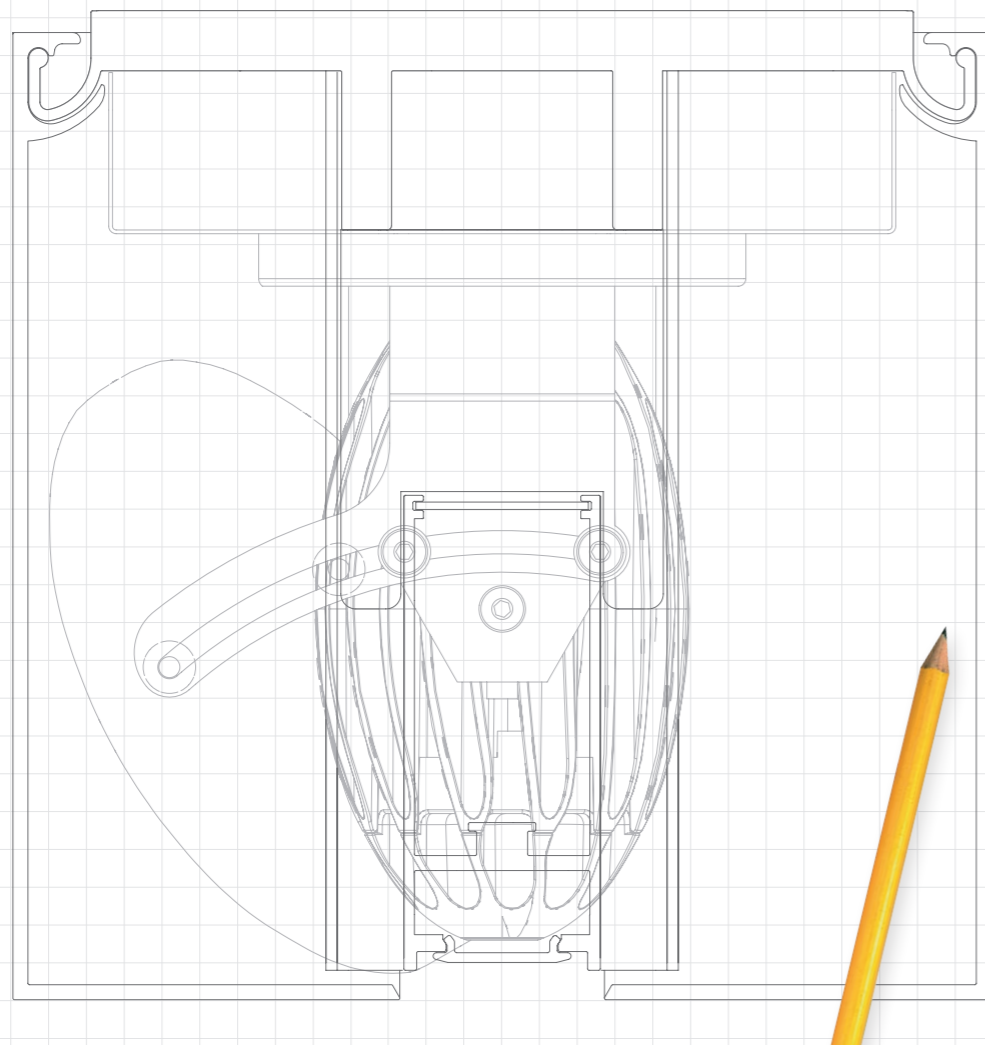
Module	b	Control	d	Beam angle	h	CCT	j
marginal	1	DALI	4	30°	5	3000K	WW
middle	2	on/off	5	60°	6	4000K	W

GRAPHIC27

Profiles System



Scale 1:1



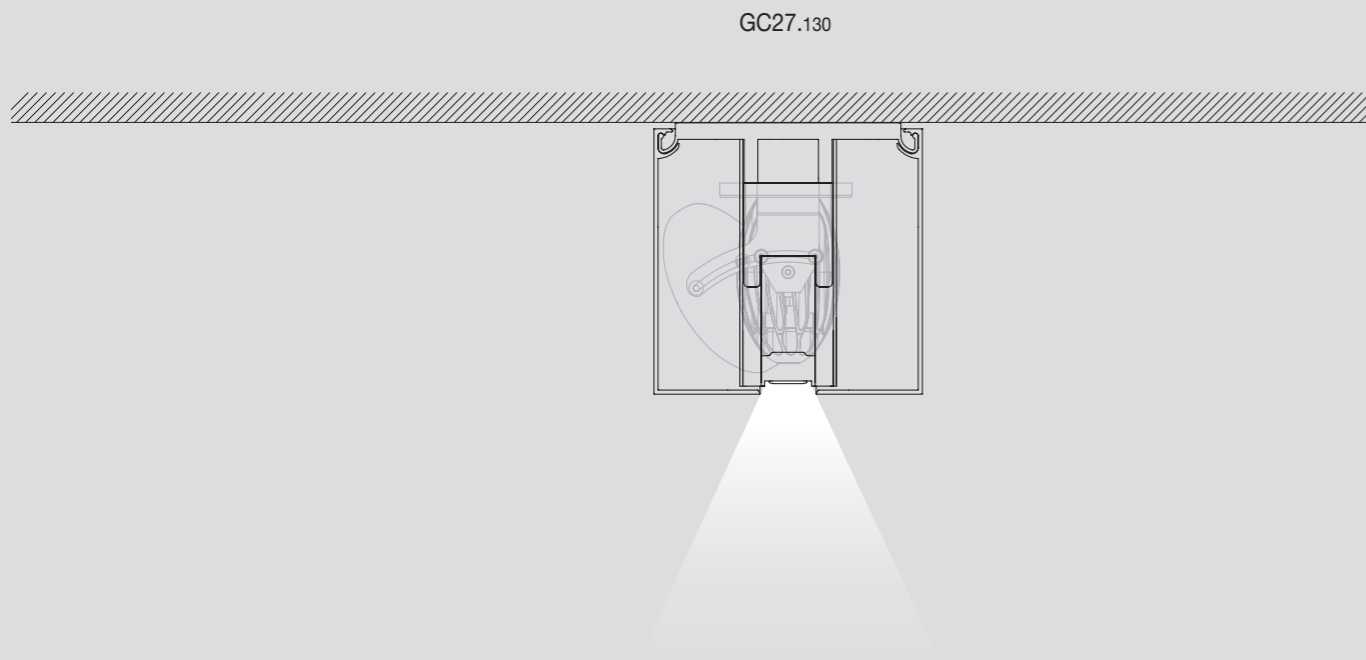
132

130

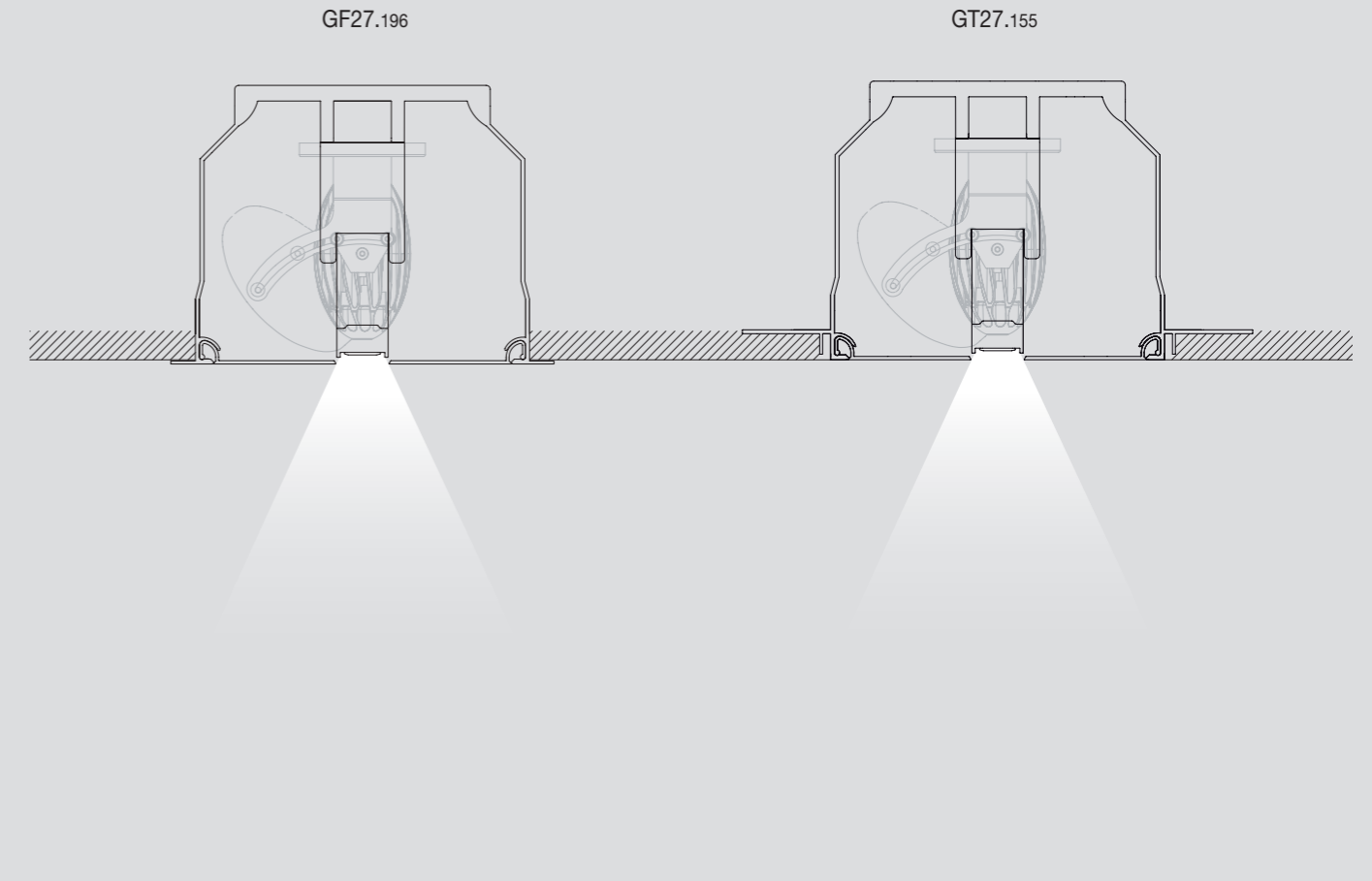
Graphic – Beauty viewed from a hidden spot
Do things out of the ordinary always have to be in the spotlight? We reckon that allusions are far more tempting! This is the way Organic line tries to deal with traditionalism in the focused spots of the Cardanic sort. Unique form of Juicy source covered by the minimalistic Graphic module is a quest to look for new directions on an adventure with light.

Graphic – Schönheit vom Verstecken gesehen.
Muss etwas Außergewöhnliches immer im Vordergrund stehen? Wir denken, dass das Unausgesprochene viel mehr sexy ist! Auf diese Weise versucht Organic, sich dem Traditionalismus der gezielten „cardanischen“ Spots zu stellen. Die einzigartige Form der Quelle von Juicy, eingraviert in den Minimalismus des Rahmens Graphic sucht neue Wege und Abenteuer mit Licht.

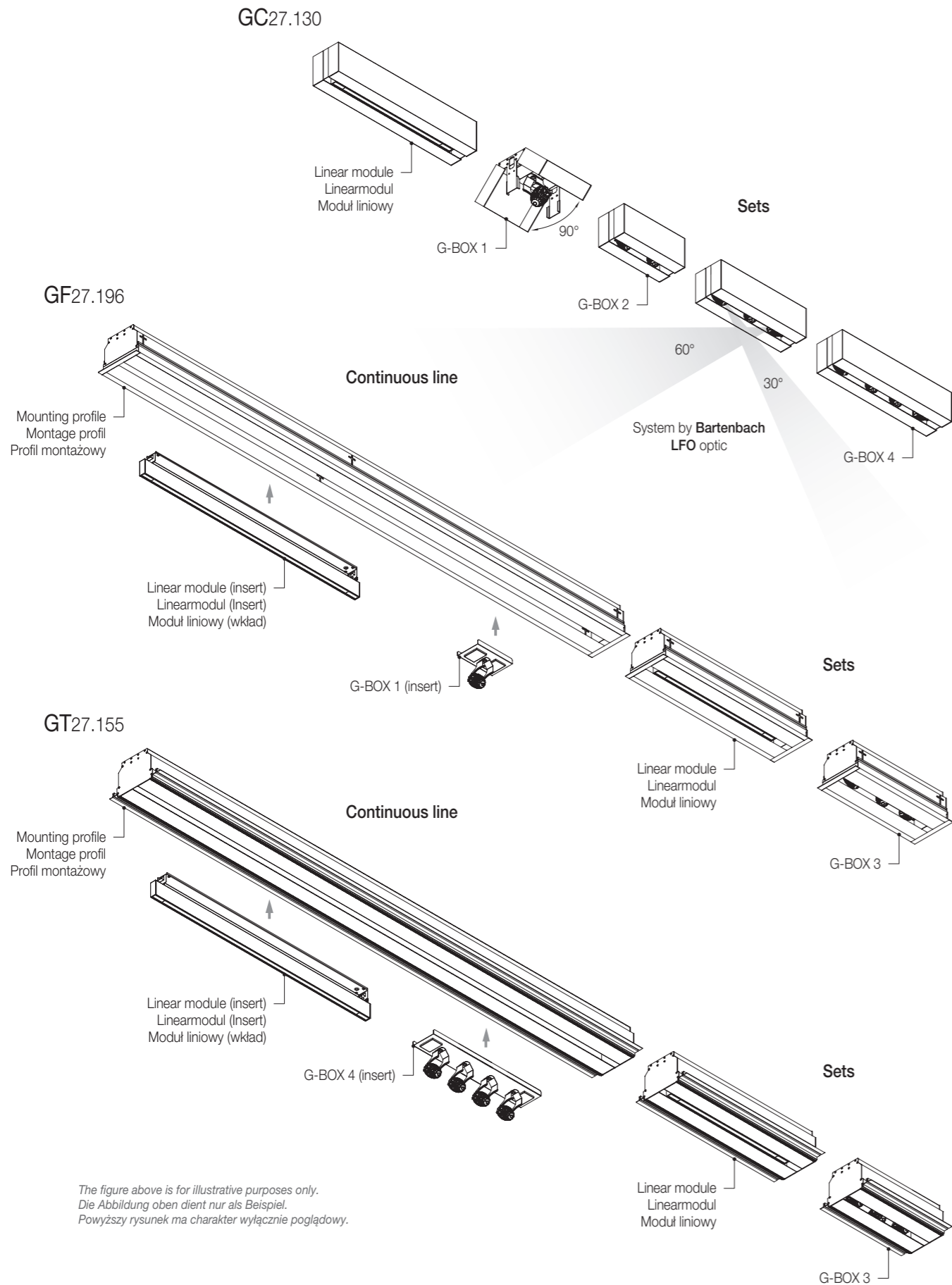
Graphic – Piękno widziane z ukrycia.
Czy zawsze to co niezwykle, musi być na pierwszym planie? Myślimy, że niedopowiedziane jest dużo bardziej sexy! W ten sposób Organic próbuje zmierzyć się z tradycjonalizmem kierowanych spotów typu „Cardanic”. Niepowtarzalna forma źródła Juicy, zakuta w minimalizm oprawy Graphic, jest szukaniem nowych szlaków i przygody ze światłem.



Version	Ceiling Anbau Nabudowany page 294
Type	linear G-BOX
Diffuser	satine
Light output	LED CC HE LED CC HO Multichip LED up to 950 lm/m up to 1905 lm/m up to 615 lm/pc.
CCT	3000K / 4000K
CRI	>80
Control	on/off, DALI
Finishing	● ● ●

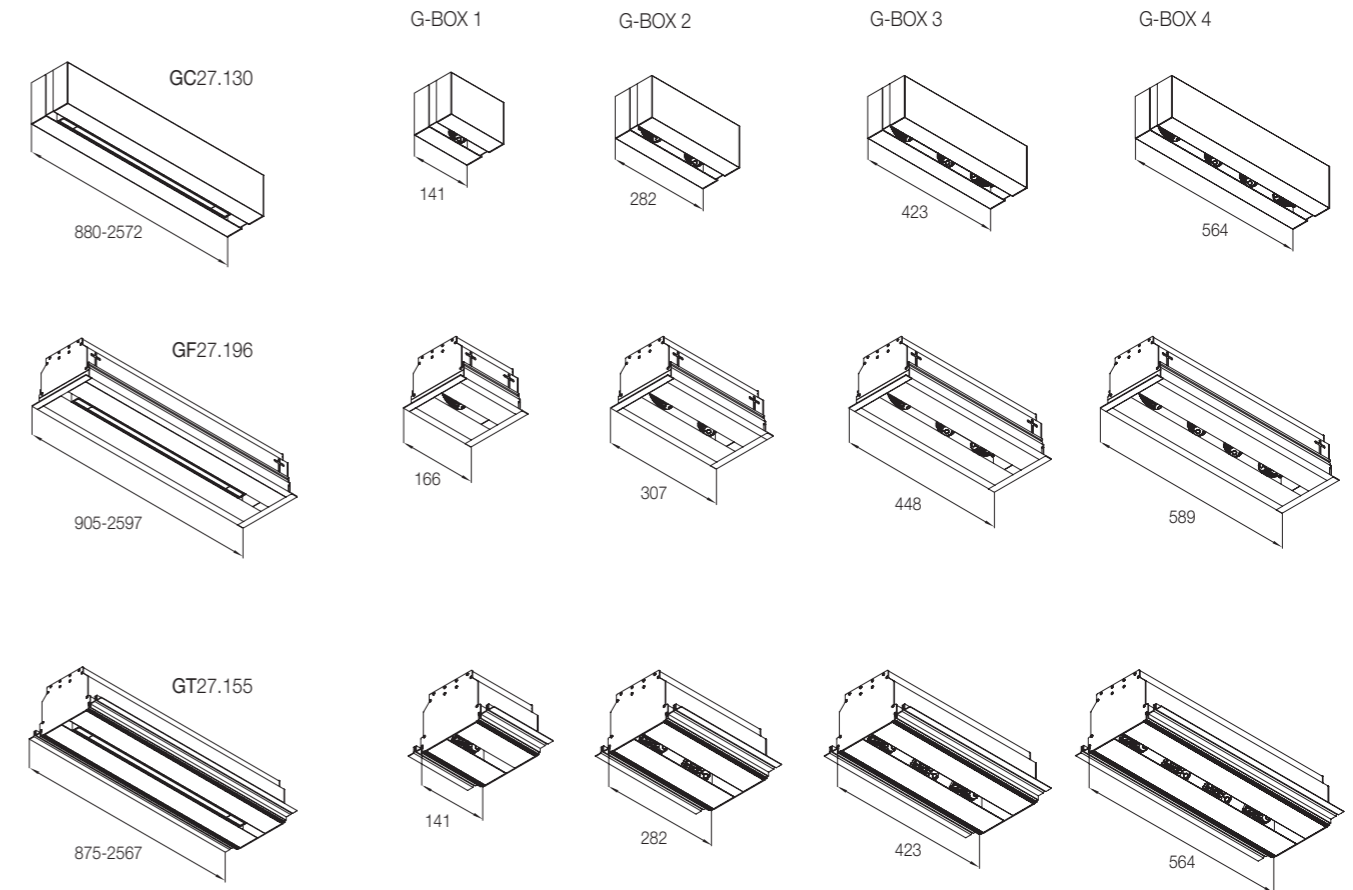


	Frame Einbau mit Rahmen Wbudowany z ramką page 298	Trmless Einbau Rahmenlos Wbudowany bezramkowy page 302
Type	linear G-BOX	linear G-BOX
Diffuser	satine	satine
Light output	up to 950 lm/m up to 1905 lm/m up to 615 lm/pc.	up to 950 lm/m up to 1905 lm/m up to 615 lm/pc.
CCT	3000K / 4000K	3000K / 4000K
CRI	>80	>80
Control	on/off, DALI	on/off, DALI
Finishing	● ● ●	● ● ●

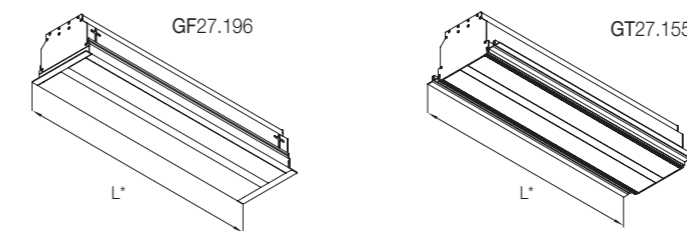


Linear modules - Sets

G-BOX modules - Sets

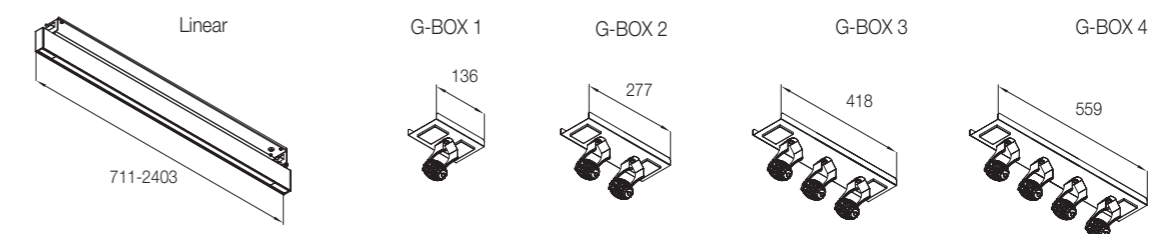


Continuous line - mounting profiles



* Customized lengths.

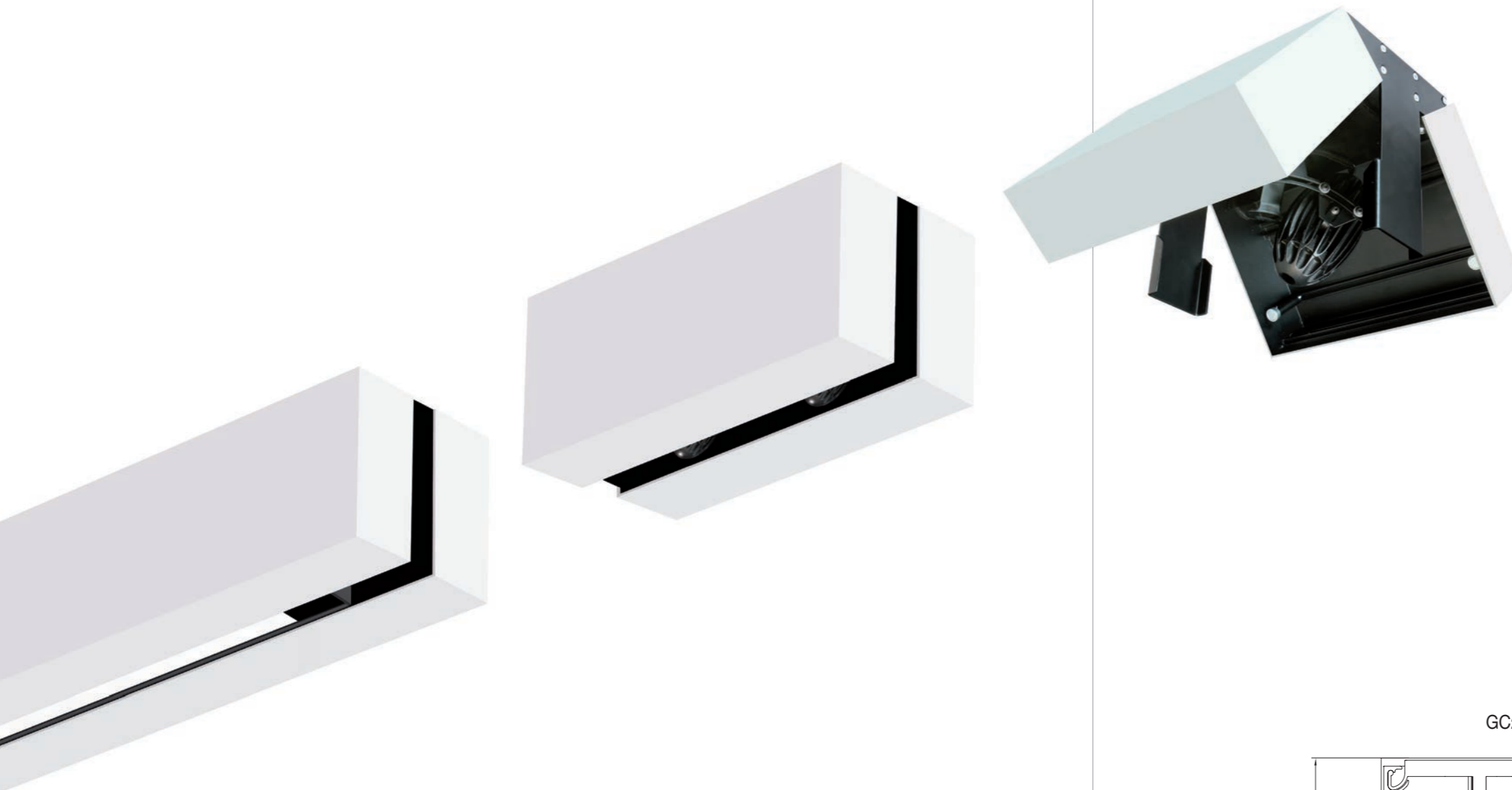
Continuous line - inserts





GC27.130

Profiles System



Typology:
Surface mounted aluminium profiles with direct light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine

Feeding:
230V/50Hz, I class protection.

Typologie:
Aufbauprofil direkt strahlend.

Material und Ausführung:
Aluminium lackiert in weiß/schwarz/RAL9006.

Abdeckung:
satine

Einspeisung:
230V/50Hz, I Schutzklasse.

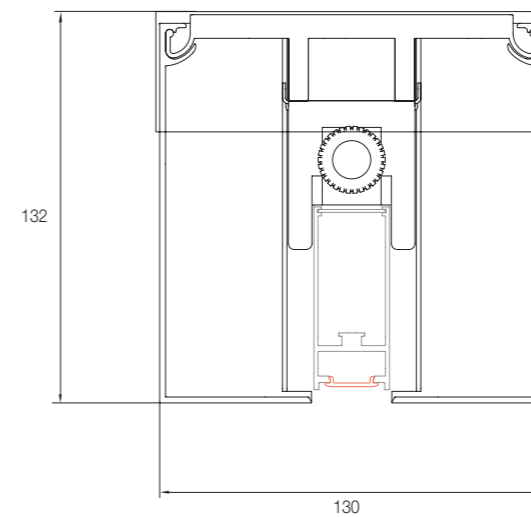
Typologia:
Nabudowany, aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.

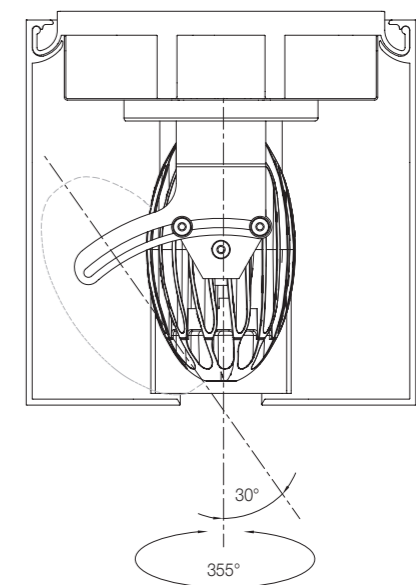
Dyfuzor:
satyna

Zasilanie:
230V/50Hz, I klasa ochronności.





GC27.130

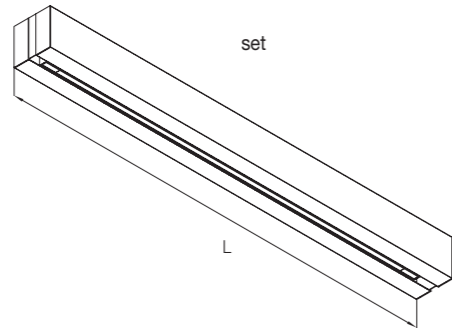


GC27.130 G-BOX



Linear

	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set		3000 4000K	
	880mm	6W	510 535lm	2 G000 4d1f 01/23j
	1444mm	12.1W	1020 1075lm	2 G000 4d1f 02/23j
	2008mm	18.1W	1530 1610lm	2 G000 4d1f 03/23j
	2572mm	24.2W	2040 2145lm	2 G000 4d1f 04/23j
Version with LED CC* high output (HO)	set		3000 4000K	
	880mm	12.1W	1020 1075lm	2 G000 4d2f 01/23j
	1444mm	24.2W	2040 2145lm	2 G000 4d2f 02/23j
	2008mm	36.3W	3060 3220lm	2 G000 4d2f 03/23j
	2572mm	48.4W	4080 4295lm	2 G000 4d2f 04/23j








Control	d	Finish	f	CCT	j
DALI	4	RAL9006	3	3000K	WW
on/off	5	white	4	4000K	W
		black	5		

* LED modules supplied with Constant Current, driver included.
SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

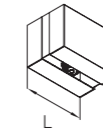
* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich.

* Moduly LED zasilane stałoprądowo, zasilacz w komplecie.
AKTUALNE PARAMETRY ŹRÓDŁA LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

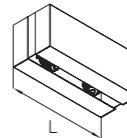
Spots

	 length	 power	 BB lens	 beam angle	 code
G-BOX	set		3000 4000K		
G-BOX 1	141mm	9.5W (1xMultichip LED)	540-585 565-615lm	30°, 60°	2 G0G0 4dMf 01/h0j
G-BOX 2	282mm	19W (2xMultichip LED)	1080-1170 1134-1230lm	30°, 60°	2 G0G0 4dMf 02/h0j
G-BOX 3	423mm	28.5W (3xMultichip LED)	1620-1755 1700-1845lm	30°, 60°	2 G0G0 4dMf 03/h0j
G-BOX 4	564mm	38W (4xMultichip LED)	2160-2340 2265-2455lm	30°, 60°	2 G0G0 4dMf 04/h0j

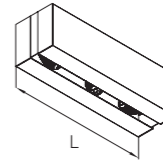
G-BOX 1



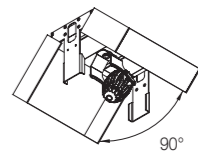
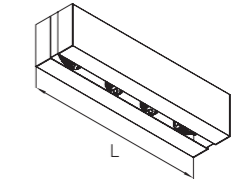
G-BOX 2



G-BOX 3



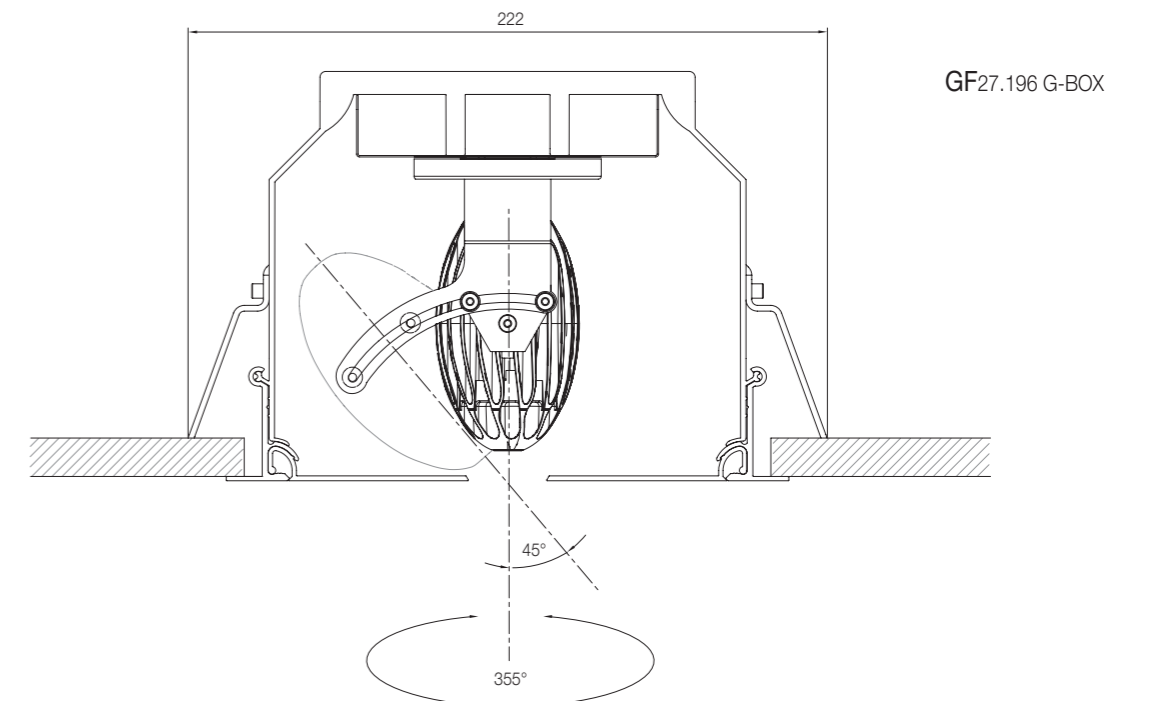
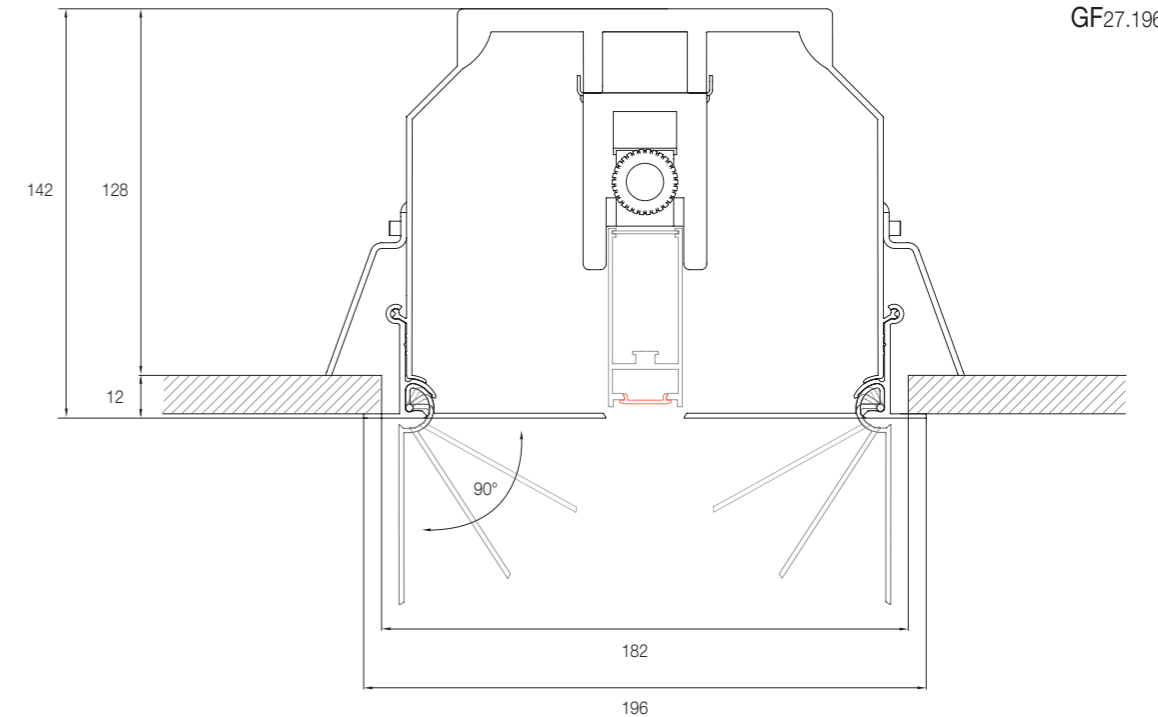
G-BOX 4



Control	d	Finish	f	Beam angle	h	CCT	j
DALI	4	RAL9006	3	30°	5	3000K	WW
on/off	5	white	4	60°	6	4000K	W
		black	5				

GF27.196

Profiles System



Typology:
Recessed mounted (frame) aluminium profiles with direct light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine

Feeding:
230V/50Hz, I class protection.

Typologie:
Einbauprofil mit Rahmen direkt strahlend.

Material und Ausführung:
Aluminium lackiert in weiß/schwarz/RAL9006.

Abdeckung:
satine

Einspeisung:
230V/50Hz, I Schutzklasse.






Typologia:
Wbudowany (z ramką), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.


Dyfuzor:
satyna

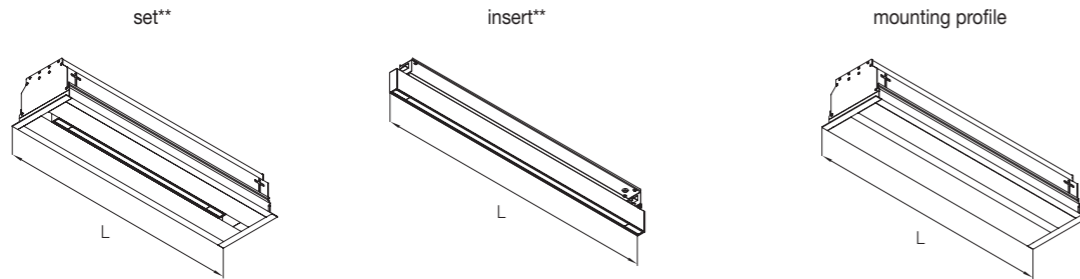
Zasilanie:
230V/50Hz, I klasa ochronności.

Linear


	 length	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set**	insert***	3000 4000K		
	905mm	711mm	6W	510 535lm	2 G20b 2d1f 01/23j
	1469mm	1275mm	12.1W	1020 1075lm	2 G20b 2d1f 02/23j
	2033mm	1839mm	18.1W	1530 1610lm	2 G20b 2d1f 03/23j
	2597mm	2403mm	24.2W	2040 2145lm	2 G20b 2d1f 04/23j

	set**	insert***	3000 4000K		
Version with LED CC* high output (HO)	905mm	711mm	12.1W	1020 1075lm	2 G20b 2d2f 01/23j
	1469mm	1275mm	24.2W	2040 2145lm	2 G20b 2d2f 02/23j
	2033mm	1839mm	36.3W	3060 3220lm	2 G20b 2d2f 03/23j
	2597mm	2403mm	48.4W	4080 4295lm	2 G20b 2d2f 04/23j

 set (L-30mm) x 182mm
Hmin = 170mm



Mounting profile for GF27 Line
code: GF27/L****
Maximum length of the section 2600mm.
Accessory ordered separately.

 (L-30mm) x 182mm
Hmin = 170mm

Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	RAL9006	3	3000K	WW
insert	3	on/off	5	white black	4 5	4000K	W

* LED modules supplied with Constant Current, driver included.
** Single complete luminaire: mounting profile and lighting insert.
*** Lighting insert. Mounting profile order separately.
**** L - Length in [mm].

* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Einzeleuchte, komplett, Montageprofil, LED Einsatz.
*** LED Einsatz. Montageprofil ist zusätzlich zu bestellen.
**** L - Länge in [mm].







* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Oprawa pojedyncza, kompletna: profil montażowy i wkład oświetleniowy.
*** Wkład oświetleniowy. Profil montażowy zamawiany osobno.
**** L - Długość w [mm].

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.

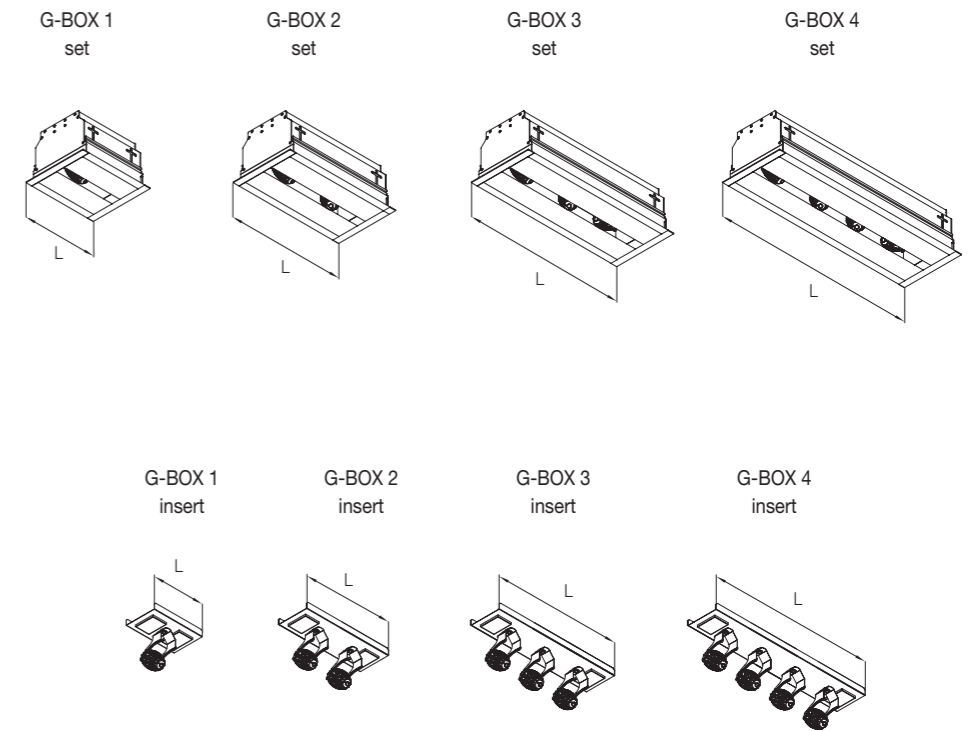
AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTUICH.

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

	 length	 length	 power	 BB lens	 beam angle	 code
G-BOX	set**	insert***	3000 4000K			
G-BOX 1	166mm	136mm	9.5W (1xMultichip LED)	540-585 565-615lm	30°, 60°	2 G2Gb 2dMf 01/h0j
G-BOX 2	307mm	277mm	19W (2xMultichip LED)	1080-1170 1134-1230lm	30°, 60°	2 G2Gb 2dMf 02/h0j
G-BOX 3	448mm	418mm	28.5W (3xMultichip LED)	1620-1755 1700-1845lm	30°, 60°	2 G2Gb 2dMf 03/h0j
G-BOX 4	589mm	559mm	38W (4xMultichip LED)	2160-2340 2265-2455lm	30°, 60°	2 G2Gb 2dMf 04/h0j

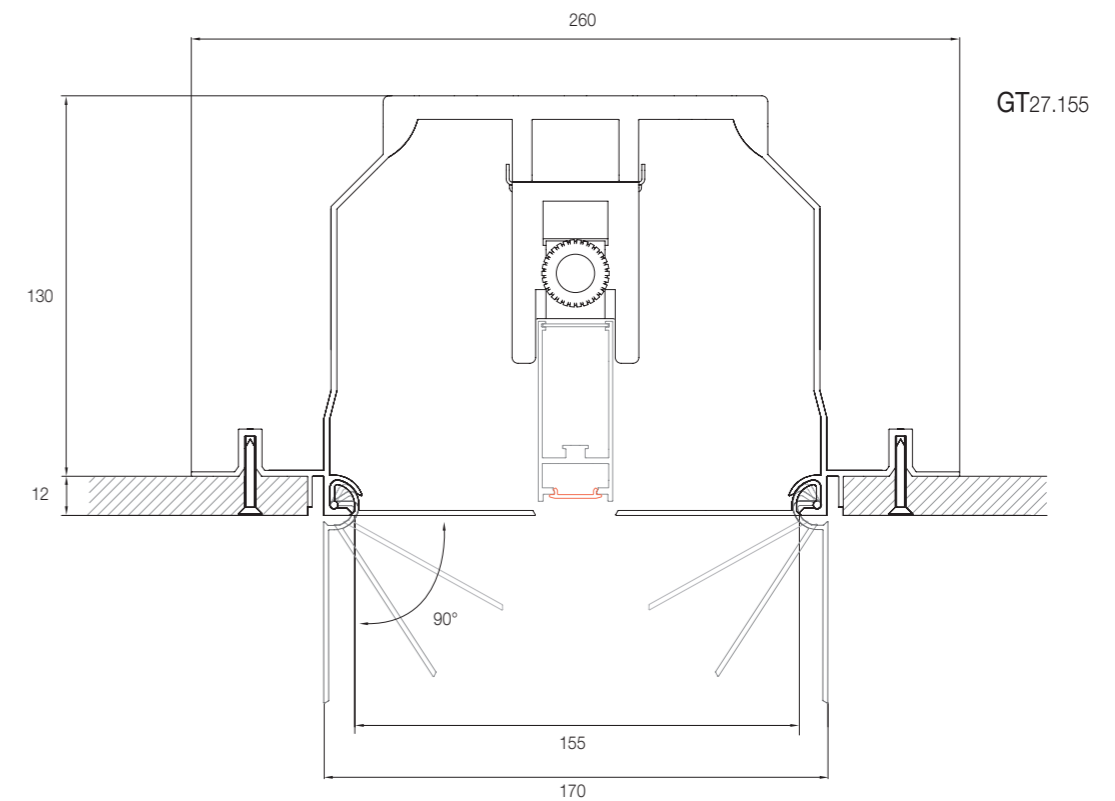
 set (L-30mm) x 182mm
Hmin = 170mm



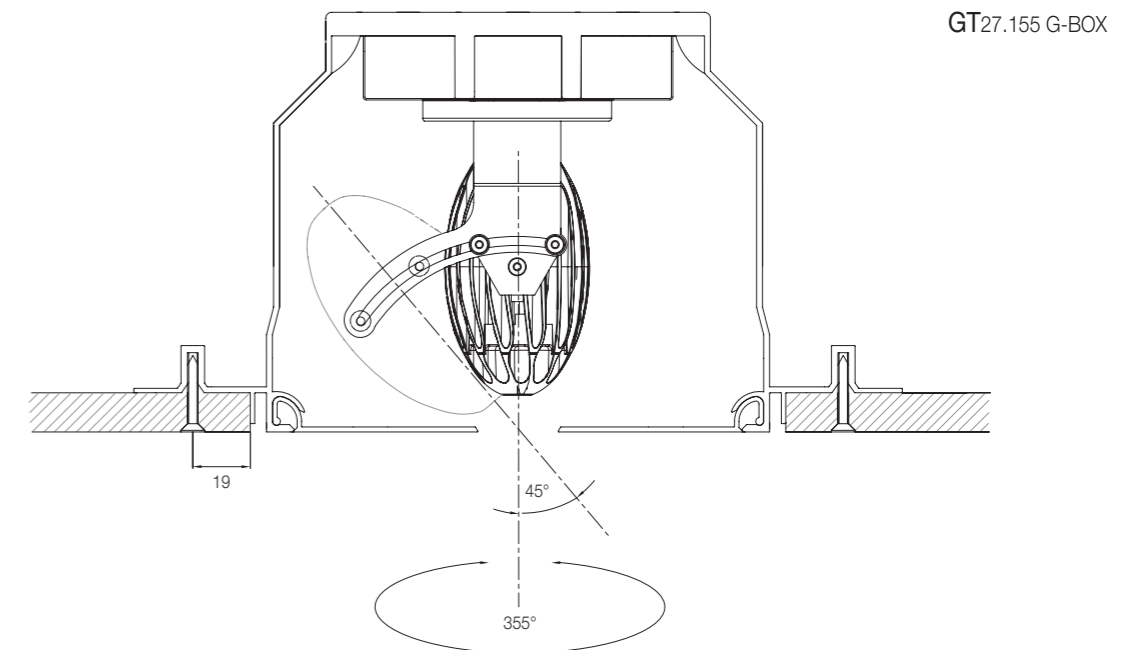
Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
set	0	DALI	4	RAL9006	3	30°	5	3000K	WW
insert	3	on/off	5	white black	4 5	60°	6	4000K	W

GT27.155

Profiles System



GT27.155



GT27.155 G-BOX



Typology:
Recessed mounted (trimless) aluminium profiles with direct light.

Material and finishing:
White/black/RAL9006 painted aluminium.

Diffuser:
satine

Feeding:
230V/50Hz, I class protection.

Typologie:
Einbauprofil rahmenlos direkt strahlend.

Material und Ausführung:
Aluminium lackiert in weiß/schwarz/RAL9006.

Abdeckung:
satine

Einspeisung:
230V/50Hz, I Schutzklasse.






Typologia:
Wbudowany (bezramkowy), aluminiowy profil świecący światłem bezpośrednim.

Materiał i wykończenie:
Aluminium malowane na kolor biały/czarny/RAL9006.


Dyfuzor:
satyna

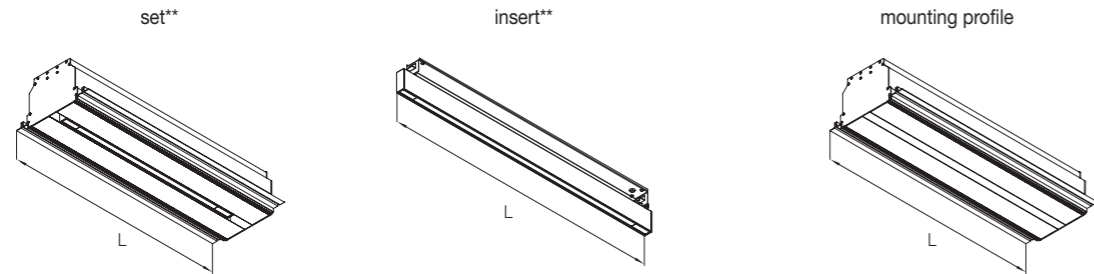
Zasilanie:
230V/50Hz, I klasa ochronności.

Linear


	 length	 length	 power	 satine	 code
Version with LED CC* high efficacy (HE)	set**	insert***	3000 4000K		
	875mm	711mm	6W	510 535lm	2 G30b 2d1f 01/23j
	1439mm	1275mm	12.1W	1020 1075lm	2 G30b 2d1f 02/23j
	2003mm	1839mm	18.1W	1530 1610lm	2 G30b 2d1f 03/23j
	2567mm	2403mm	24.2W	2040 2145lm	2 G30b 2d1f 04/23j

	set**	insert***	3000 4000K		
Version with LED CC* high output (HO)	875mm	711mm	12.1W	1020 1075lm	2 G30b 2d2f 01/23j
	1439mm	1275mm	24.2W	2040 2145lm	2 G30b 2d2f 02/23j
	2003mm	1839mm	36.3W	3060 3220lm	2 G30b 2d2f 03/23j
	2567mm	2403mm	48.4W	4080 4295lm	2 G30b 2d2f 04/23j

 set (L+2mm) x 182mm
Hmin = 170mm



Mounting profile for GT27 Line
code: GT27/L****
Maximum length of the section 2600mm.
Accessory ordered separately.

 (L+2mm) x 182mm
Hmin = 170mm

Module	b	Control	d	Finish	f	CCT	j
set	0	DALI	4	RAL9006	3	3000K	WW
insert	3	on/off	5	white black	4 5	4000K	W

* LED modules supplied with Constant Current, driver included.
** Single complete luminaire: mounting profile and lighting insert.
*** Lighting insert. Mounting profile order separately.
**** L - Length in [mm].

SEE OUR WEBSITE FOR UPDATED LED SOURCE DATA.







* LED Platinen mit konstanter Strom, inkl. Vorschaltgeräte.
** Einzeleuchte, komplett, Montageprofil, LED Einsatz.
*** LED Einsatz. Montageprofil ist zusätzlich zu bestellen.
**** L - Länge in [mm].


AKTUELLE LED PARAMETERN SIND AUF DER HOMEPAGE ERHÄLTlich.

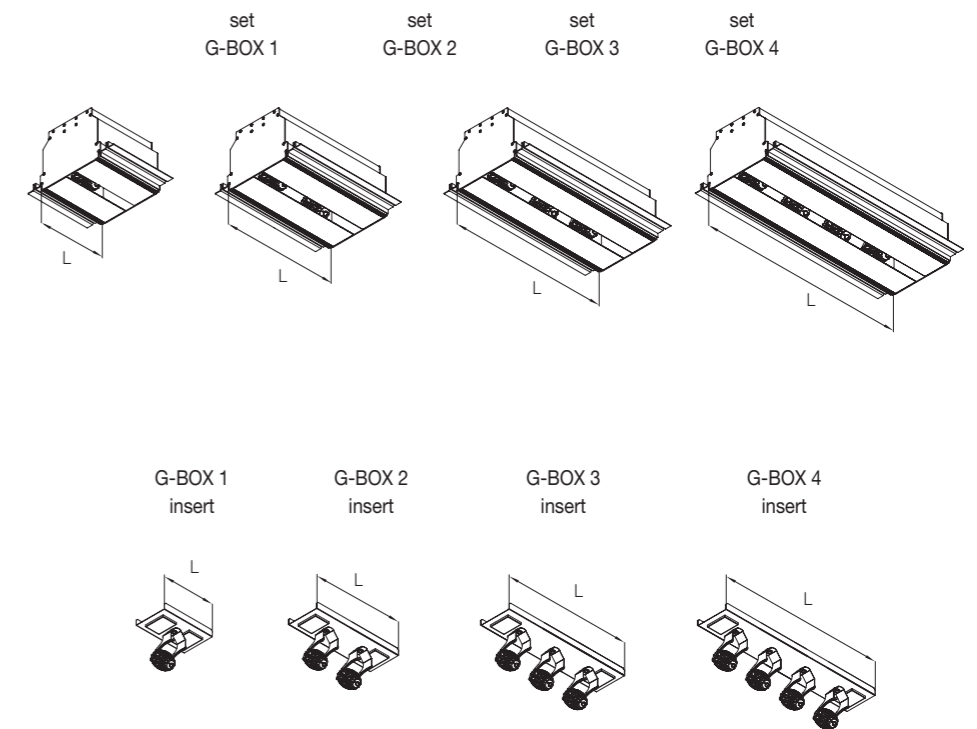
* Moduły LED zasilane stałoprądowo, zasilacz w komplecie.
** Oprawa pojedyncza, kompletna: profil montażowy i wkład oświetleniowy.
*** Wkład oświetleniowy. Profil montażowy zamawiany osobno.
**** L - Długość w [mm].

AKTUALNE PARAMETRY ŹRÓDEŁ LED DOSTĘPNE NA STRONIE INTERNETOWEJ.

Spots

	 length	 length	 power	 BB lens	 beam angle	 code
G-BOX	set**	insert***	3000 4000K			
G-BOX 1	141mm	136mm	9.5W (1xMultichip LED)	540-585 565-615lm	30°, 60°	2 G3Gb 2dMf 01/h0j
G-BOX 2	282mm	277mm	19W (2xMultichip LED)	1080-1170 1134-1230lm	30°, 60°	2 G3Gb 2dMf 02/h0j
G-BOX 3	423mm	418mm	28.5W (3xMultichip LED)	1620-1755 1700-1845lm	30°, 60°	2 G3Gb 2dMf 03/h0j
G-BOX 4	564mm	559mm	38W (4xMultichip LED)	2160-2340 2265-2455lm	30°, 60°	2 G3Gb 2dMf 04/h0j

 set (L+2mm) x 182mm
Hmin = 170mm



Module	b	Control	d	Finish	f	Beam angle	h	CCT	j
set	0	DALI	4	RAL9006	3	30°	5	3000K	WW
insert	3	on/off	5	white black	4 5	60°	6	4000K	W

Selected lighting technique issues

Luminous flux

It describes the amount of energy, emitted from the source of light, in the form of visible light. Given mainly for sources with Lambertian distribution (soft light) in general lighting. The physical unit of luminous flux, marked with the symbol Φ , is the lumen [lm].

Luminous intensity

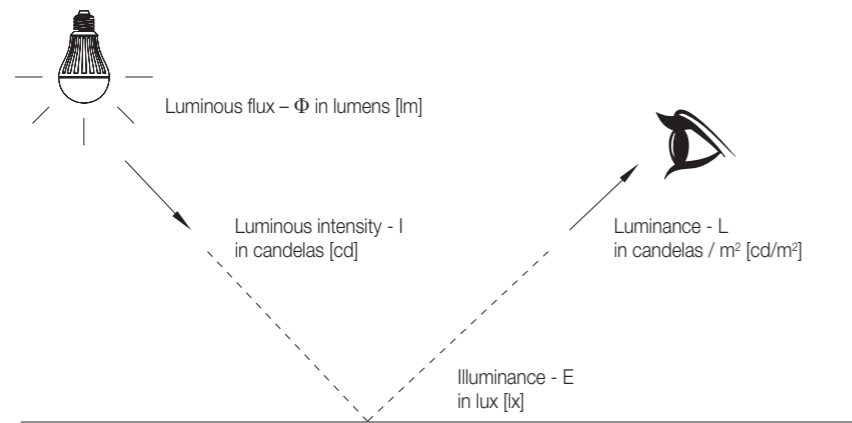
It is the measure of light intensity in a given direction. It is given for sources with directional distribution. The physical unit of luminous intensity, marked with the symbol I , is the candela [cd].

Illuminance

It is the total luminous flux incident on a surface, per unit area. The physical unit of illuminance, marked with the E , symbol is the lux [lx].

Luminance

It describes the brightness of an observed object at a given angle. The physical unit of luminance, marked with the L , symbol is the candela per unit of surface [cd/m²].



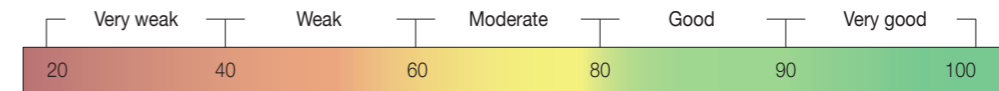
Illustrative correlations among the basic photometric quantities.

Sample illuminance levels according the PN-EN 12464-1 Polish Standard of December 2012.

Room type	Average illuminance E_m [lx]	UGR	Uniformity U_0	Colour rendering index R_a
Motion and communication area	100	28	0.4	40
Stairs	100	25	0.4	40
Cloakrooms, washing rooms, bathrooms, toilets	200	25	0.4	80
Storage rooms and warehouses	100	25	0.4	60
Offices - writing, processing data, reading	500	19	0.6	80
Conference rooms	500	19	0.6	80
Cloakrooms	200	25	0.4	80
Entrance halls	100	22	0.4	80
Kitchen	500	22	0.6	80
Garages	75	25	0.4	40
Classes, self-study rooms	300	19	0.6	80
Examination rooms	500	19	0.6	90

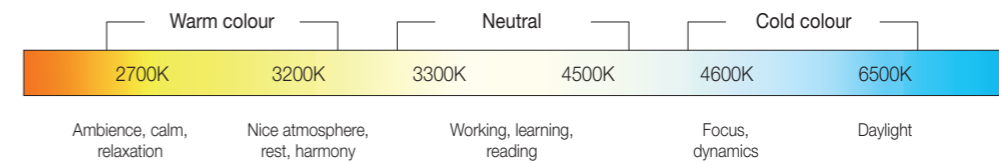
Colour rendering index

It describes the degree of colour rendering fidelity with electric light, compared to lighting them with template light. Daylight, that is sunlight, has the highest colour rendering index CRI = 100, that is why all electric sources of light are determined in relation to it.



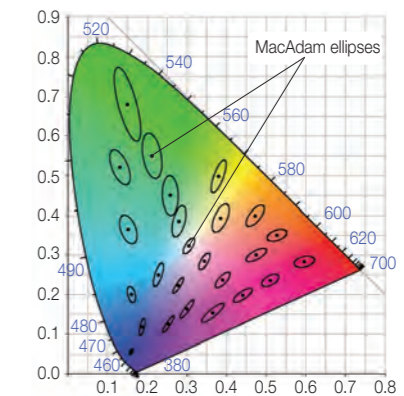
Colour temperature

It is an objective measure of the colour sensation of a light source. The physical unit of colour temperature is Kelvin [K]. Three main groups of light colour temperatures may be distinguished:



SDCM (Standard Deviation of Colour Matching)

MacAdam ellipses – areas on the chromaticity diagram within which colours are perceived as the same. Reducing the areas of the ellipses introduces the so called MacAdam degrees (SDCM) - thus obtaining batches of LED diodes, in which the likeness between light colours or colour temperatures is very high in a given batch (smaller value of MacAdam degree assures better light colour homogeneity).



BIN – LED diodes group characterised by similar properties of the emitted light colour.

Chromaticity diagram

UGR glare (unified glare rating)

A condition of the seeing process in which there is a sensation of discomfort, unpleasantness, soreness or decrease in the ability to recognise details of the observed objects, whose reason is the improper distribution or range of luminance, as well as excessive contrast in space or in time.



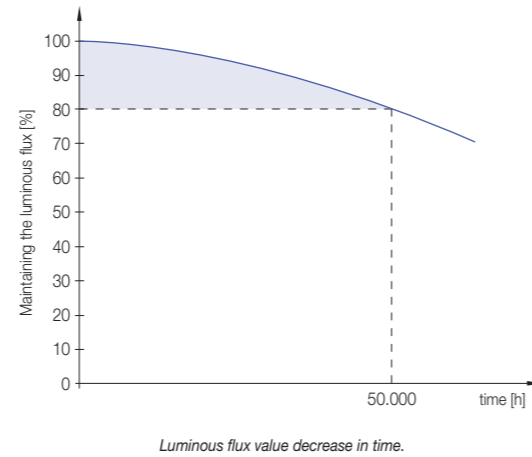
Lifetime

The time of operating of a light source, declared by the manufacturer, while maintaining a defined value of the rated flux.

For LED sources lifetime is defined in the format: LxBy t, where:

- Lx – luminous flux maintenance factor, determining the percentage border value (x) of the decrease of the luminous flux emitted by the source.
- By – means the factor determining the percentage number of light sources which fail to maintain the luminous flux value, declared by the Lx criterion.
- t – time in which the above criteria are met.

The notation: L80B10 50.000h means that in the time of fifty thousand hours for 10% of the LED light sources population a decrease of the emitted luminous flux below the limit of 80% of the declared initial value.



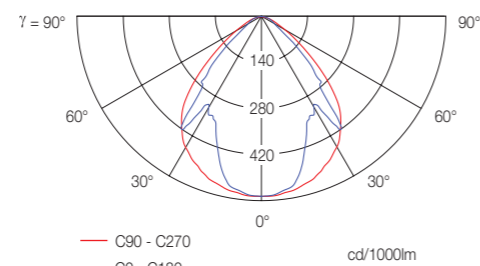
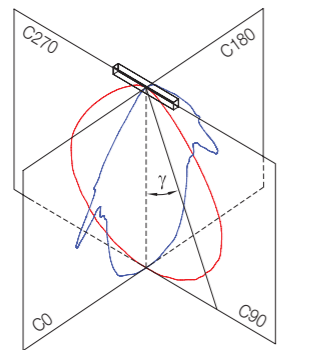
Luminaires protection classes

Luminaires classification according to the level of protection against electric shock, aimed at assuring the security of using. The classification comprises three fixture classes:

Appliance classes	Symbol	Protection
I		Basic insulation and protective earthing wire clamp
II		Double or reinforced insulation, without protective earthing
III		Power supply with very low secure voltage

Photometric solid and luminous intensity graphs

Photometric solid represents the way of distribution of light in space (in three dimensions). Luminous intensity graphs are drawn in the polar system, they present the photometric solid in two dimensions. They are cross-sections of photometric solid in two planes - in the transverse and longitudinal axes of the luminaire (respectively C0 - C180 and C90 - C270). The polar luminous intensity graph allows reading the value of luminosity in a given direction, related to 1000 lumens (cd/1000lm).



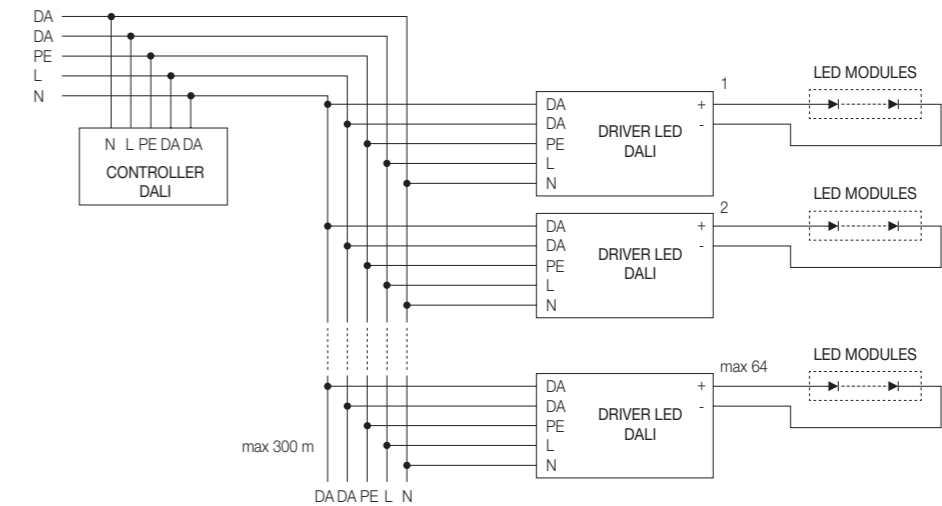
System of planes (C) and direction of lighting (γ)

Luminous intensity graph

Control options

The DALI (Digital Addressable Lighting Interface) system

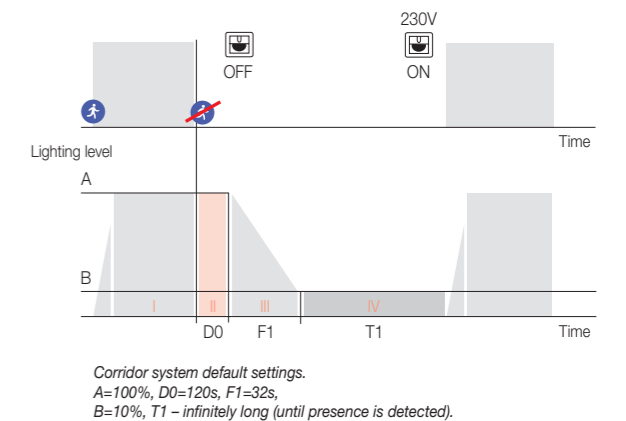
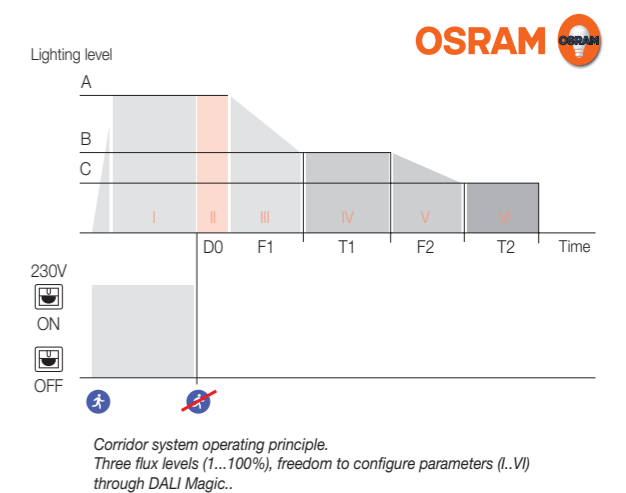
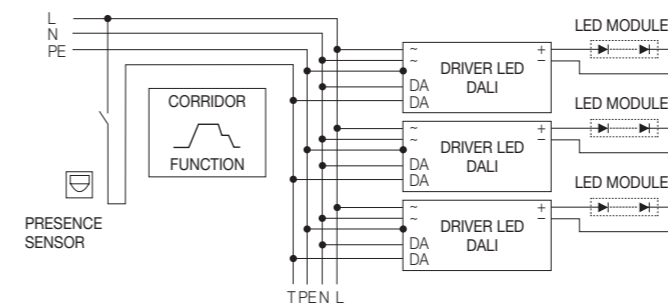
DALI - a digital, addressable lighting control system, allowing for regulating the luminous flux emitted by fixtures. The DALI system is characterised by high functionality and exceptionally simple operating. It also allows for creating and configuring light scenes, adjusted to the user's needs. Each fixture operating in the DALI system is automatically given its own address, which allows both for individual control of fixtures and connecting them into groups. One DALI lines serves up to 64 addresses, which may be connected into 16 groups. Turning on / off and regulating the luminous flux of the fixtures takes place through a control pair cable. Important information, including information about the fixture state, are recorded in the electronic power supply system and are available for the control unit. Thanks to their elasticity and functionality, DALI installations may easily be integrated with existing building automation systems.



Corridor System

The Corridor System is an option to control light fixtures based on OSRAM technology.

The Corridor System provides automatic lighting function through commonly available relay presence sensors (or stair sensors). This solution may be used for lighting control in energy-efficient installations of public facilities in a situation where a lighting control system is not available. The OSRAM DALI (GII) power supply units operating in the corridor mode are synchronised by means of power grid voltage frequency (50/60Hz), so as to assure identical behaviour of individual elements of the system, controlled by the same presence sensor - the number of receivers operating in one circuit depends solely on the type of circuit fuse protection used in the installation. The corridor function offers a possibility to define three different levels of luminous flux emitted by a fixture. Device configuration takes place with the use of a dedicated programmer (DALI Magic) together with software. The levels set (A, B, C), delay time, time of maintaining a level (D0, T1, T2) and fall times (F1, F2) are stored in the memory of the electronic power supply - there is no need to use external control systems.



Ausgewählte Themen der Lichttechnik

Lichtstrom

Der Lichtstrom bestimmt die von der Lichtquelle stammende Energiemenge, die als sichtbares Licht emittiert wird. Er wird in erster Linie für die Quellen mit der lambertschen Lichtverteilung (weiches Licht) in der Allgemeinbeleuchtung angegeben. Die physikalische Einheit des Lichtstroms mit Symbol Φ ist Lumen [lm].

Lichtstärke

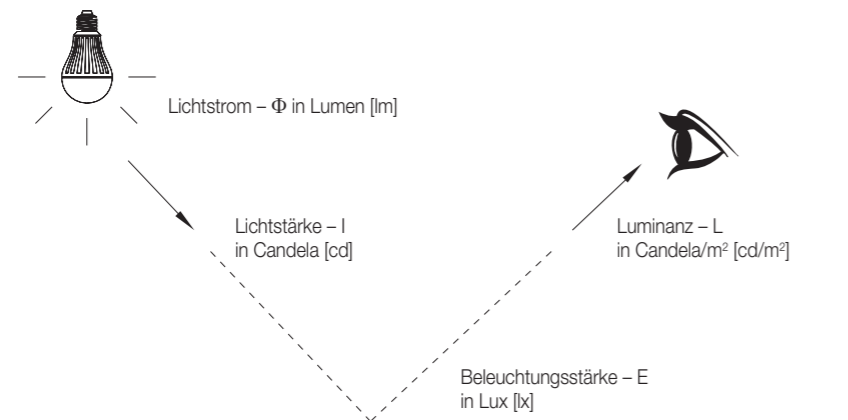
O ist ein Maß für die Lichtintensität in einer gegebenen Richtung. Es wird für die Quellen der direktionalen Lichtverteilung angegeben. Die physikalische Einheit der Lichtstärke mit dem Symbol I ist Candela [cd].

Beleuchtungsstärke

Die Beleuchtungsstärke bestimmt die auf die jeweilige Oberfläche fallende Lichtmenge, die an einem bestimmten Punkt gemessen wird. Die physikalische Einheit der Beleuchtungsstärke mit dem Symbol E ist Lux [lx].

Luminanz

Die Luminanz bestimmt die Helligkeit des beobachteten Objekts in einem bestimmten Winkel. Die physikalische Einheit der Luminanz mit dem Symbol L ist Candela pro jeweilige Oberfläche [cd/m²].



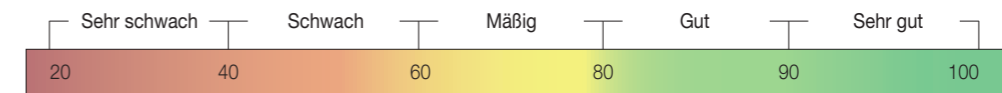
Anschauliche Beziehungen zwischen den grundlegenden photometrischen Größen.

Beispielhafte Werte der Beleuchtungsstärke nach der polnischen Norm PN-EN 12464-1:Dezember 2012].

Typ des Raumes	Durchschnittliche Intensität Em [lx]	UGR	Gleichmäßigkeit U ₀	Farbwiedergabeindex Ra
Verkehr	100	28	0.4	40
Treppen	100	25	0.4	40
Umkleieräume, Waschräume, Badezimmer, Toiletten	200	25	0.4	80
Lager	100	25	0.4	60
Büros – Schreiben, Datenverarbeitung, Lesen	500	19	0.6	80
Konferenzräume	500	19	0.6	80
Umkleieräume	200	25	0.4	80
Eingangsvorhallen	100	22	0.4	80
Küche	500	22	0.6	80
Garagen	75	25	0.4	40
Klassenräume, Zimmer für selbständiges Lernen	300	19	0.6	80
Untersuchungsräume	500	19	0.6	90

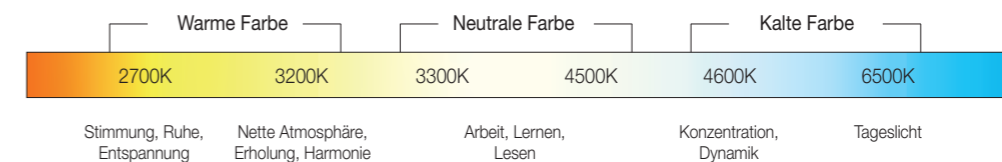
Farbwiedergabeindex

Der Farbwiedergabeindex bestimmt den Grad der getreuen Farbwiedergabe von Gegenständen in künstlichem Licht, verglichen mit deren Beleuchtung mit Musterlicht. Den höchsten Farbwiedergabeindex CRI = 100 hat Tageslicht also Sonnenlicht und deswegen werden alle künstlichen Lichtquellen in Bezug darauf bestimmt.



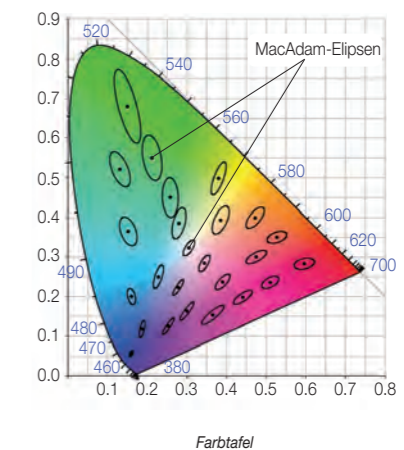
Farbtemperatur

Es ist ein objektives Maß für den Farbeindruck der jeweiligen Lichtquelle. Die physikalische Einheit der Farbtemperatur ist Kelvin [K]. Es gibt drei Hauptgruppen von Lichtfarben:



SDCM (Standard Deviation of Colour Matching)

MacAdam-Ellipsen – Bereiche auf der Farbtafel, in denen die Farben als identisch wahrgenommen werden. Die Verkleinerung der Ellipsenfelder führt die so genannten MacAdam-Grade (SDCM) ein – somit erreicht man die gleichen Chargen von LED-Dioden, in denen die Ähnlichkeit zwischen den Lichtfarben oder Farbtemperaturen innerhalb einer Charge sehr hoch ist (ein kleinerer Wert des MacAdam-Grades gewährleistet bessere Homogenität der Lichtfarbe).



BIN – eine Gruppe von LED-Dioden mit ähnlichen Eigenschaften in Bezug auf die Farbe des emittierten Lichts.

Blendung UGR (Vereinheitlichter Blendungsfaktor)

Status des Sehprozesses, bei dem das Gefühl der Unannehmlichkeit, der Beschwerlichkeit, des Unbehagens oder eine Verringerung der Fähigkeit, Details der beobachteten Gegenstände zu erkennen, besteht, die auf schlechte Verteilung oder schlechten Bereich der Luminanz sowie auch auf übermäßige Kontraste im Raum oder in der Zeit zurückzuführen sind.

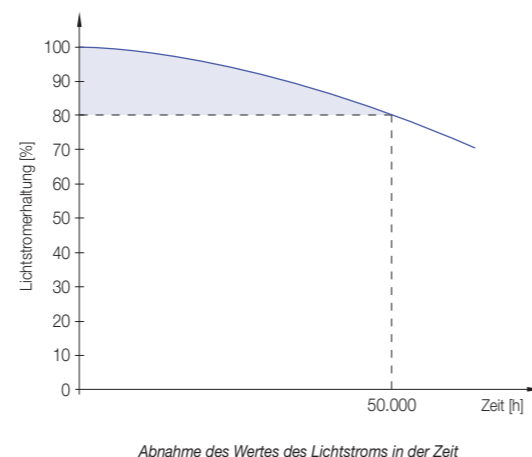


Lebensdauer

Die Lebensdauer bestimmt die vom Hersteller deklarierte und in Stunden gezählte Leuchzeit der Lichtquelle bei der Aufrechterhaltung eines bestimmten Wertes des Nennstroms.

Für LED-Quellen wird die Lebensdauer im Format LxBy t definiert, wo:
 Lx – Lichtstromerhaltungsfaktor, der den prozentualen Grenzwert (x) der Abnahme des von der Quelle emittierten Lichtstroms definiert.
 By – definiert den Koeffizienten der prozentualen Anzahl von Lichtquellen, die den durch das Kriterium Lx deklarierten Wert des Lichtstroms nicht aufrechterhalten.
 t – Zeit, in der die oben genannten Kriterien erfüllt sind.

Die Aufzeichnung L80B10 50.000h bedeutet, dass innerhalb von 50.000 Stunden für 10% der LED-Quellen eine Abnahme des emittierten Lichtstroms unter 80% des deklarierten Ausgangswertes zulässig ist.



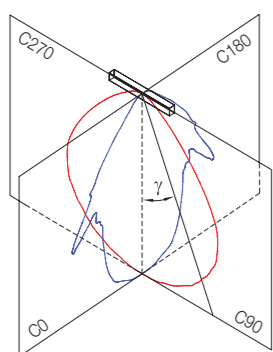
Schutzklassen der Leuchten

Einstufung der Leuchten entsprechend dem Stromschlagschutz zwecks Sicherstellung ihrer sicheren Nutzung. Diese Einstufung umfasst drei Klassen von Leuchten:

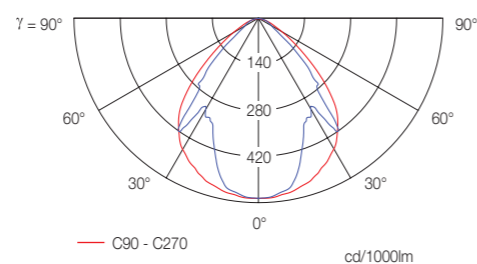
Schutzklassen	Symbol	Schutz
I		Grundisolierung und Klemme des Schutzerdungsleiters
II		Doppelisolierung oder verstärkte Isolierung, ohne Schutzerdung
III		Stromversorgung mit einer sehr niedrigen Grenzspannung

Lichtstärkeverteilungskörper und Lichtstärkediagramme

Der Lichtstärkeverteilungskörper reflektiert die Lichtverteilung im Raum (in drei Dimensionen). Die im polaren System erstellten Lichtstärkediagramme präsentieren den Lichtstärkeverteilungskörper in zwei Dimensionen und stellen seine Querschnitte in zwei Ebenen dar - in der Quer- und Längsachse der Leuchte (entsprechend C0 - C180 und C90 - C270). Das polare Diagramm der Lichtstärke ermöglicht es, den Wert der Lichtstärke in einer bestimmten Richtung abzulesen, in Bezug auf 1000 Lumen (cd/1000 lm).



Anordnung der Ebenen (C) und Lichtrichtung (γ)

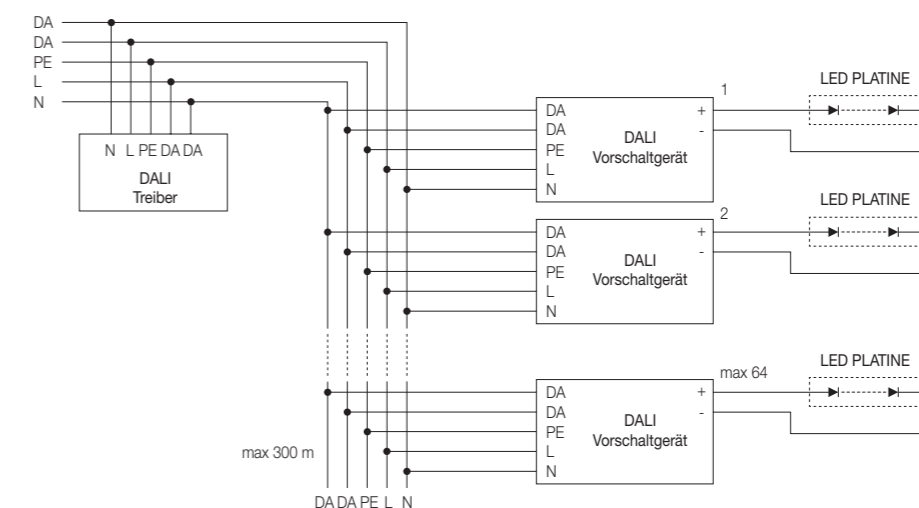


Lichtstärkediagramm

Steueroptionen

DALI-System (Digital Addressable Lighting Interface)

DALI – Digitales adressierbares Beleuchtungssteuersystem, das die Regelung des durch die Leuchten emittierten Lichtstroms ermöglicht. Das DALI-System zeichnet sich durch eine hohe Funktionalität und sehr einfache Bedienung aus und ermöglicht es, auf die Bedürfnisse des Anwenders zugeschnittene Lichtszenen zu kreieren und zu konfigurieren. Jede im DALI-System funktionierende Leuchte erhält automatisch eine eigene Adresse, wodurch die Leuchten einzeln gesteuert oder in Gruppen kombiniert werden können. Eine DALI-Leitung unterstützt 64 Adressen, die in 16 Gruppen zusammengefasst werden können. Das Ein-/Ausschalten und die Regelung des Lichtstroms der Leuchten erfolgt über zweiadrige Steuerleitung. Relevante Informationen, einschließlich Informationen über den Zustand der Leuchte, werden in dem elektronischen Speisesystem gespeichert und stehen dem Steuergerät zur Verfügung. Dank seiner Flexibilität und Funktionalität lassen sich die DALI-Installationen problemlos mit den bestehenden Gebäudemanagementsystemen integrieren.

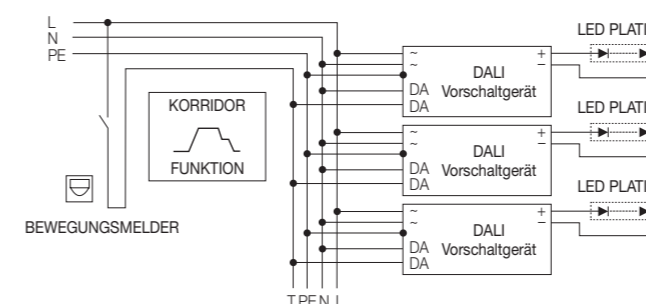


Schaltplan des DALI-Systems.

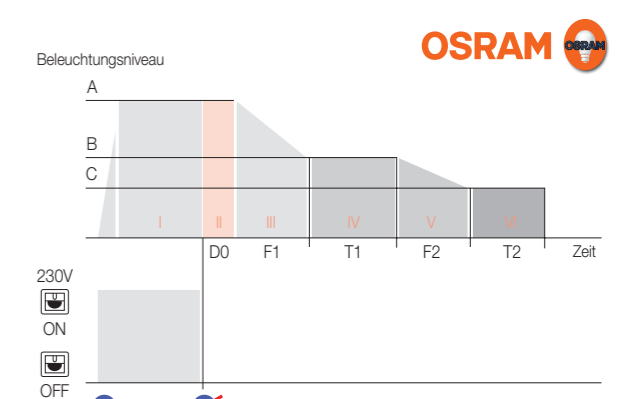
Corridor System

Das Corridor System ist eine Option der Leuchtensteuerung auf Basis der OSRAM-Technik.

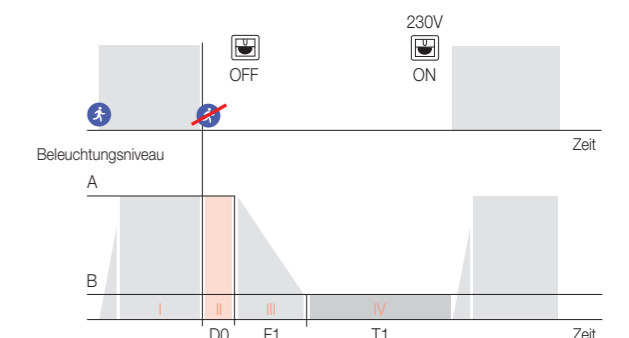
Das Corridor System ist eine automatische Steuerungsfunktion für die Beleuchtung mittels der handelsüblichen Relais-Bewegungsmelder (oder der Treppensensoren). Diese Lösung kann bei der Beleuchtungssteuerung in energiesparenden Anlagen der öffentlichen Einrichtungen eingesetzt werden, in denen das Beleuchtungssteuerungssystem nicht verfügbar ist. Die Speiseleitungen OSRAM DALI (Gil), die in Korridor-Modus arbeiten, werden über die Netzfrequenz (50/60 Hz) synchronisiert, um ein identisches Verhalten der einzelnen Komponenten des Systems zu gewährleisten, die durch den gleichen Bewegungssensor gesteuert werden - Die Anzahl der in einem Kreis funktionierenden Empfänger hängt nur von der Art des Kreises ab, der in der Installation verwendet wurde. Die Korridor-Funktion bietet die Möglichkeit, drei verschiedene Level des durch die Leuchte emittierten Lichtstroms zu definieren. Die Gerätekonfiguration erfolgt mithilfe des dedizierten Programmiergerätes (DALI Magic) samt Software. Die eingestellten Level (A, B, C), die Zeitverzögerung, die Zeit der Aufrechterhaltung des Levels (D0, T1, T2) und die Abfallzeiten (F1, F2) werden im Speicher des elektronischen Netzgerätes gespeichert - Es gibt keine Notwendigkeit, externe Steuersysteme zu verwenden.



Schaltplan der DALI-Installation mit Korridor-Funktion.



Funktion des Korridor-Systems. Drei Level des Lichtstroms (1 ... 100%), Beliebigkeit der Parameterkonfiguration (I..VI) über DALI-Magic.



Defaulteinstellungen des Korridor-Systems. A = 100% D0 = 120s, F1 = 32s, B = 10%, T1 - unendlich lang (bis zu dem Zeitpunkt der Erkennung der Anwesenheit).

Wybrane zagadnienia z zakresu techniki świetlnej

Strumień świetlny

Określa ilość energii, pochodzącej ze źródła światła, emitowanej w postaci światła widzialnego. Podawany głównie dla źródeł o rozsyłe lambertowskim (światło miękkie) w oświetleniu ogólnym. Jednostką fizyczną strumienia świetlnego, oznaczonego symbolem Φ , jest lumen [lm].

Światłość

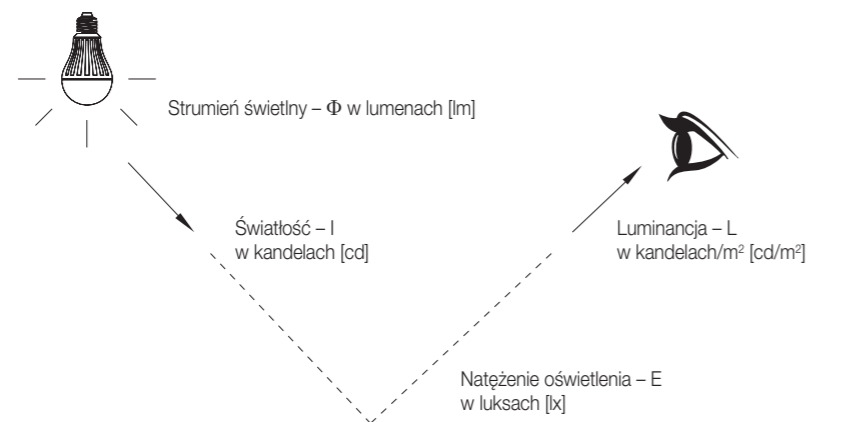
Jest miarą intensywności światła w danym kierunku. Podawana jest dla źródeł o rozsyłe kierunkowym. Jednostką fizyczną światłości, oznaczonej symbolem I , jest kandela [cd].

Natężenie oświetlenia

Określa ilość światła padającą na daną powierzchnię, mierzona w danym punkcie. Jednostką fizyczną natężenia oświetlenia, oznaczonej symbolem E , jest lux [lx].

Luminancja

Określa jasność obserwowanego obiektu pod danym kątem. Jednostką fizyczną luminancji, oznaczonej symbolem L , jest kandela na powierzchnię [cd/m²].



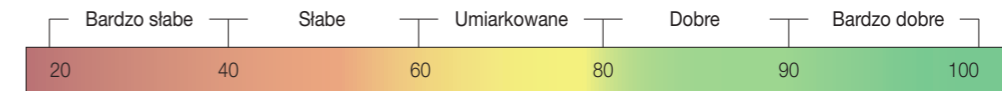
Poglądowe zależności pomiędzy podstawowymi wielkościami fotometrycznymi.

Przykładowe wartości natężenia oświetlenia według polskiej normy PN-EN 12464-1: grudzień 2012.

Typ pomieszczenia	Natężenie średnie E_m [lx]	UGR	Równomierność U_0	Współczynnik oddawania barw R_a
Obszar ruchu i komunikacja	100	28	0.4	40
Schody	100	25	0.4	40
Szatnie, umywalnie, łazienki, toalety	200	25	0.4	80
Składy i magazyny	100	25	0.4	60
Biura - pisanie, przetwarzanie danych, czytanie	500	19	0.6	80
Pokoje konferencyjne	500	19	0.6	80
Szatnie	200	25	0.4	80
Hole wejściowe	100	22	0.4	80
Kuchnia	500	22	0.6	80
Garaże	75	25	0.4	40
Klasy, pokoje do samodzielnej nauki	300	19	0.6	80
Pokoje badań	500	19	0.6	90

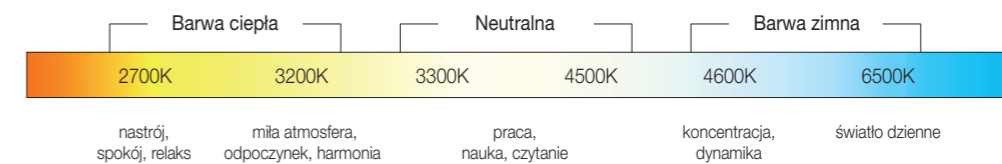
Współczynnik oddawania barw

Określa stopień wiernego oddawania barw przedmiotów przy sztucznym świetle, w porównaniu z ich oświetleniem światłem wzorcowym. Najwyższy współczynnik oddawania barw CRI=100 ma światło dzienne czyli słoneczne, dlatego wszystkie sztuczne źródła światła są określane względem niego.



Temperatura barwowa

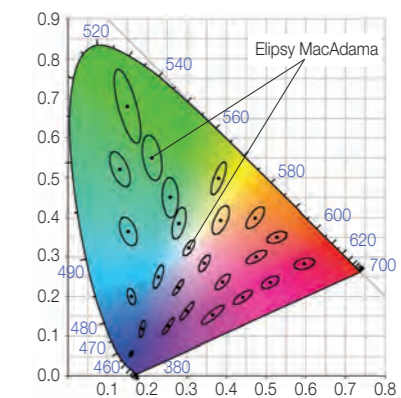
To obiektywna miara wrażenia barwy danego źródła światła. Jednostką fizyczną temperatury barwowej jest Kelwin [K]. Można wyróżnić trzy główne grupy barw światła:



SDCM (Standard Deviation of Colour Matching)

Elipsy MacAdama – obszary na wykresie chromatyczności, w obrębie których barwy odbierane są jako jednakowe. Zmniejszanie pól elips wprowadza tzw. stopnie MacAdama (SDCM) – uzyskuje się tym samym partie diod LED, w których podobieństwo między barwami światła lub temperaturami barwowymi jest bardzo duże w danej partii (mniejsza wartość stopnia MacAdama zapewnia lepszą jednorodność barwy światła).

BIN – grupa diod LED charakteryzująca się zbliżonymi własnościami pod względem barwy emitowanego światła.



Wykres chromatyczności

Olśnienie UGR (ujednolicony wskaźnik olśnienia)

Stan procesu widzenia, przy którym występuje uczucie niewygodny, przykrości, dyskomfortu lub zmniejszenie zdolności rozpoznawania szczegółów obserwowanych przedmiotów, których przyczyną jest niewłaściwy rozkład lub zakres luminancji, a także nadmierne kontrasty w przestrzeni bądź w czasie.



Trwałość

Deklarowany przez producenta, liczony w godzinach, czas świecenia źródła światła, przy zachowaniu określonej wartości strumienia znamionowego.

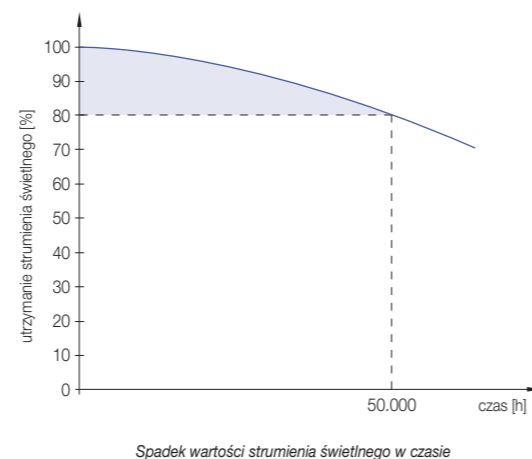
Dla źródeł LED trwałość określana jest w formacie: LxBy t, gdzie:

Lx – współczynnik utrzymania strumienia świetlnego, określający procentową graniczną wartość (x) spadku strumienia świetlnego emitowanego przez źródło.

By – oznacza współczynnik określający procentową ilość źródeł światła, które nie utrzymują wartości strumienia świetlnego, deklarowanej przez kryterium Lx.

t – czas, w którym są spełnione powyższe kryteria.

Zapis L80B10 50.000h oznacza, że w czasie pięćdziesięciu tysięcy godzin dla 10% populacji źródeł LED dopuszczalny jest spadek emitowanego strumienia świetlnego poniżej granicy 80% deklarowanej wartości początkowej.



Klasy ochronności opraw oświetleniowych

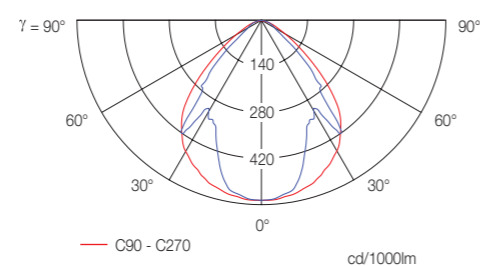
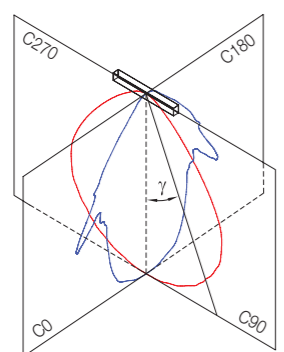
Klasyfikacja opraw zgodnie z poziomem ochrony przed porażeniem prądem elektrycznym, mająca na celu zapewnić bezpieczeństwo ich użytkowania.

Klasyfikacja ta obejmuje trzy klasy opraw:

Klasa ochronności	Symbol	Zabezpieczenie
I		Izolacja podstawowa oraz zacisk przewodu uziemienia ochronnego
II		Izolacja podwójna lub wzmocniona, bez uziemienia ochronnego
III		Zasilanie bardzo niskim napięciem bezpiecznym

Bryła fotometryczna i wykresy światłości

Bryła fotometryczna jest odzwierciedleniem sposobu dystrybucji światła w przestrzeni (w trzech wymiarach). Wykresy światłości sporządzane w układzie biegunowym, przedstawiają bryłę fotometryczną w dwóch wymiarach i stanowią jej przekroje w dwóch płaszczyznach - w osiach poprzecznej i podłużnej oprawy (odpowiednio C0 - C180 i C90 - C270). Biegunowy wykres światłości pozwala na odczytanie wartości światłości w danym kierunku, odniesionej do 1000 lumenów (cd/1000lm).



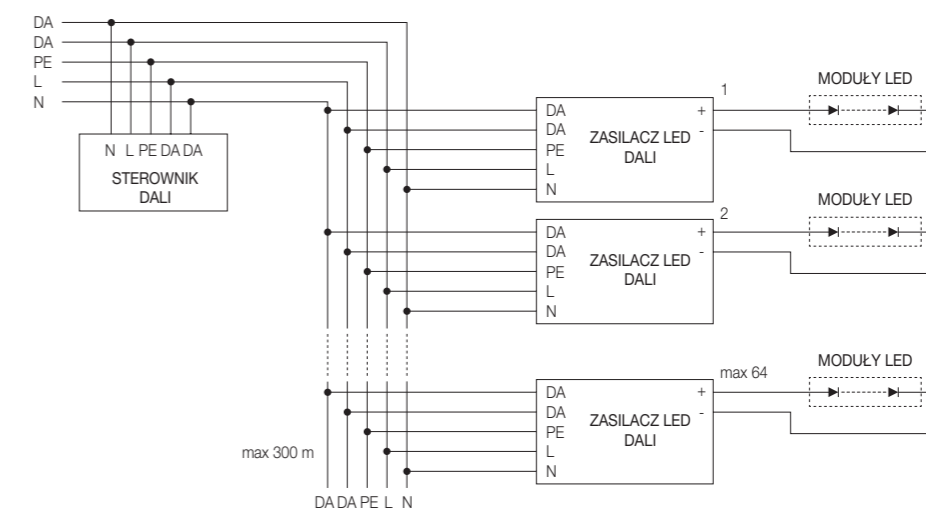
Układ płaszczyzn (C) i kierunek świecenia (γ)

Wykres światłości

Opcje sterowania

System DALI (Digital Addressable Lighting Interface)

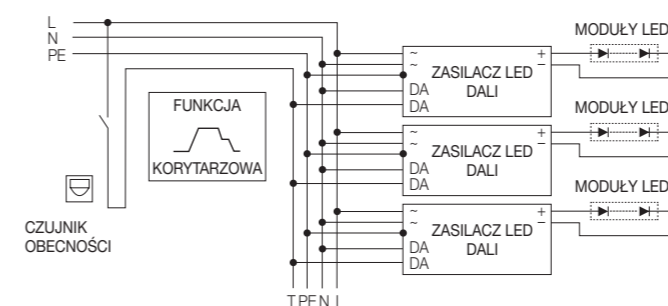
DALI – cyfrowy, adresowalny system sterowania oświetleniem umożliwiający regulację strumienia świetlnego emitowanego przez oprawy. System DALI charakteryzuje się dużą funkcjonalnością i niezwykle prostą obsługą oraz pozwala na tworzenie i konfigurowanie scen świetlnych, dostosowanych do potrzeb użytkownika. Każdej oprawie pracującej w systemie DALI automatycznie nadawany jest jej własny adres, co pozwala zarówno na sterowanie oprawami indywidualnie, jak i na łączenie ich w grupy. Jedna linia DALI obsługuje do 64 adresów, które mogą być łączone w 16 grup. Włączanie/wyłączanie oraz regulacja strumienia świetlnego opraw odbywa się poprzez dwuzylową linię sterującą. Istotne informacje, w tym informacje o stanie oprawy, zapisywane są w elektronicznym układzie zasilającym i są dostępne dla sterownika. Dzięki swojej elastyczności i funkcjonalności instalacje DALI można w prosty sposób zintegrować z istniejącymi systemami automatyki budynku.



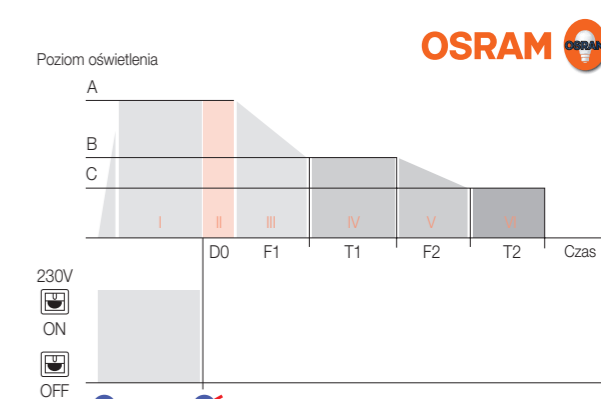
System Corridor

Corridor System jest opcją sterowania oprawami oświetleniowymi opartą na technologii OSRAM.

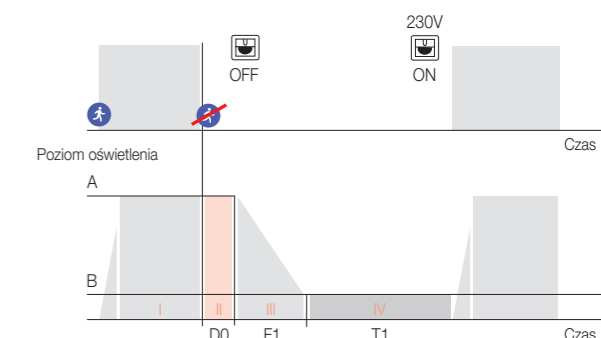
Corridor System jest automatyczną funkcją regulacji oświetlenia za pośrednictwem ogólnie dostępnych przełącznikowych czujników obecności (lub czujników schodowych). Takie rozwiązanie może być wykorzystywane przy sterowaniu oświetleniem w energooszczędnych instalacjach obiektów użyteczności publicznej w sytuacji, gdy system sterowania oświetleniem nie jest dostępny. Zasilacze OSRAM DALI (GII) pracujące w trybie korytarzowym synchronizowane są za pośrednictwem częstotliwości napięcia sieciowego (50/60 Hz) tak, aby zagwarantować identyczne zachowanie się poszczególnych elementów systemu, sterowanych przy użyciu tego samego czujnika obecności – liczba odbiorników pracujących na jednym obwodzie zależy jest jedynie od typu zabezpieczenia obwodu użytego w instalacji. Funkcja korytarzowa oferuje możliwość definiowania trzech różnych poziomów strumienia świetlnego emitowanego przez oprawę. Konfiguracja urządzenia odbywa się przy użyciu dedykowanego programatora (DALI Magic) wraz z oprogramowaniem. Ustawione poziomy (A, B, C), czas zwłoki, czas utrzymania poziomu (D0, T1, T2) oraz czasy opadania (F1, F2) są przechowywane w pamięci zasilacza elektronicznego – nie ma potrzeby stosowania zewnętrznych układów sterowniczych.



Schemat połączeń instalacji DALI z funkcją korytarzową.



Zasada działania systemu korytarzowego.
Trzy poziomy strumienia (1...100%), dowolność konfiguracji parametrów (I..VI) poprzez DALI Magic.



Ustawienia domyślne systemu korytarzowego.
A=100%, D0=120s, F1=32s
B=10%, T1 - nieskończenie długi (do momentu wykrycia obecności).

How to configure profile system

1 Choose series of the profiles (dimensions and shape)

U 18.18 U 18.32 **U 32.32/41** I 32.32 I 32.53

U 50.68 H 50.68 H 73.68 H 36.80 H 27.63 G 27

Note: For profiles of I and G series is possible to build only a linear luminaries.

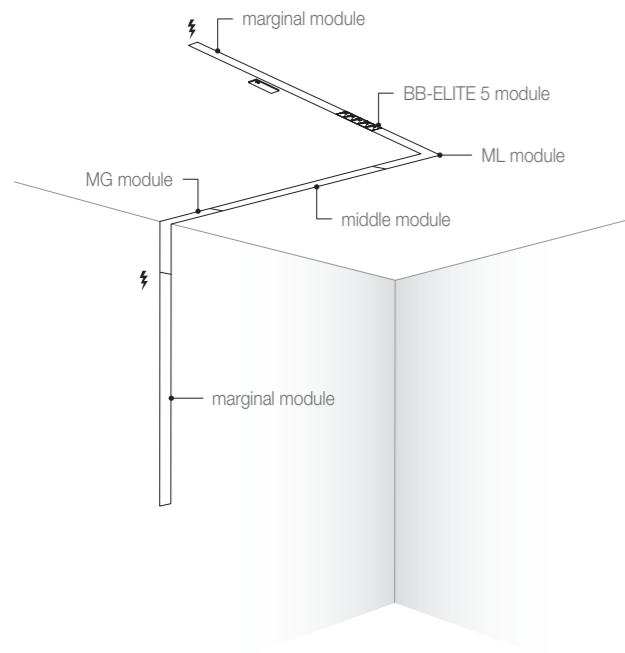
2 Choose variant of the profile (type of mounting)

C ceiling build-on S suspended F frame **T trimless**

V shallow W deep A asymmetric

Note: Make sure that the chosen variant, has all the necessary options.

3 Compose your profile system



⚡ Power supply is always in the marginal modules. In case of rectangular shapes corner with power supply must be indicated.

The maximum lengths of the system supplied from a single point are: 3.5m (for LED CC), 5m (for LED CV).

4 Set your modules dimensions

For example:
 marginal module 846mm
 BB-ELITE module 160mm
 ML module 302x302mm
 middle module 841mm
 MG module 258x258mm
 marginal module 1126mm

5 Choose options

Control	on/off	DALI
LED	CC HE	CC HO
Diffuser	c-shade	
Color temperature	3000K	4000K
Finishing	primer	
Beam angle*	30°	60°

* Options available only for BB-ELITE modules.

6 Order example

1. UT32.41 marginal module, LED CC HO (2 2301 2420 03/27W)
846mm | 28W | 2100lm | 4000K | DALI | c-shade | primer
2. UT32.41 BB-ELITE 5 module, 5x Power LED (2 2392 2490 04/50W)
160mm | 13W | 860lm | 4000K | 30° | DALI | primer
3. UT32.41 ML module, LED CC HO (2 2332 2420 00/27W)
302x302mm | 18.5W | 1400lm | 4000K | DALI | c-shade | primer
4. UT32.41 middle module, LED CC HO (2 2302 2420 03/27W)
841mm | 28W | 2100lm | 4000K | DALI | c-shade | primer
5. UT32.41 MG module, LED CC HO (2 2342 2420 00/27W)
258x258mm | 18.5W | 1400lm | 4000K | DALI | c-shade | primer
6. UT32.41 marginal module, LED CC HO (2 2301 2420 04/27W)
1126mm | 37W | 2800lm | 4000K | DALI | c-shade | primer

PLEASE CONTACT US TO CONFIRM IF YOUR ORDER IS PROPER.

How to understand catalogue numbers

2 0 0 0 0 0 0 0 0 0 00 / 0 0 0

series variant A B C D E F G H I J

Series	U18.18	U18.32	U32.32/41	I32.32	I32.53	U50.68	H50.68	H73.68	H36.80	H27.63	G27
	0	1	2	3	4	5	6	7	8	9	G
Variant	C	S	F	T	V	W	A				
	0	1	2	3	4	5	6				
A Type	linear lighting	CHILI	TUBE	ML	MG	system connectors					
	0	1	2	3	4	MH	MT	MX	MI	ELITE	G-BOX
	0	1	2	3	4	5	6	7	8	9	G
B Module	set	marginal	middle	LED insert							
	0	1	2	3							
C Mounting	suspended	ceiling build-in	ceiling build-on								
	0	2	4								
D Control	not applicable	DALI	on/off	Corridor System							
	0	4	5	C							
E Source	not applicable	CC HE	CC HO	CC 2HO	CV HE	CV HO	Power LED	Multichip LED			
	0	1	2	3	4	5	9	M			
F Finishing	primer	RAL9006	white	black	anodised						
	0	3	4	5	6						
G Length	00*	01**	02**	03**	04**	05**	06**				
H Light distribution	not applicable	symmetric direct	symmetric direct/indirect	asymmetric	spot 20° / 30°	spot 40° / 60°					
	0	2	3	4	5	6					
I Diffuser	not applicable	satine	microprism	microcrystal	ice	c-shade					
	0	3	4	5	6	7					
J CCT	not applicable	3000K	4000K								
	0	WW	W								

* For system connectors: ML, MG, MH, MT, MX.
 ** The number of standardized length of a profile.

Wie konfiguriere ich die Profile

1 Wähle die Profiserie (Maß und Form)

U 18.18 U 18.32 U 32.32/41 I 32.32 I 32.53

U 50.68 H 50.68 H 73.68 H 36.80 H 27.63 G 27

Achtung: Bei der I und G Profilen kann nur eine gerade Lichtlinie gebaut sein.

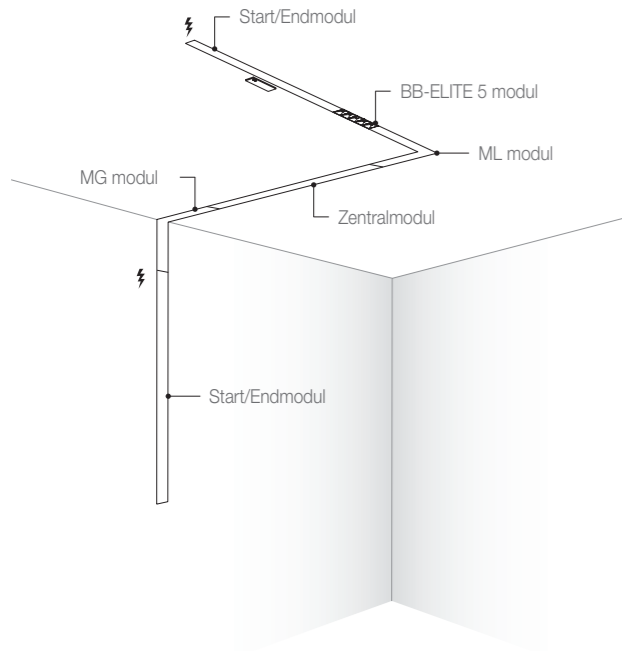
2 Wähle deine Profil Version (Montageart)

C Anbau S Abgependelt F Einbau mit Rahmen T Einbau Rahmenlos

V Einbau flach zurückgesetzt W Einbau tief zurückgesetzt A Einbau asymmetrisch

Achtung: Bitte prüfen, ob die ausgewählte Version über alle notwendige Optionen verfügt.

3 Bau Dir dein eigenes Profilsystem



⚡ Einspeisung ist immer bei der Endmodulen. Bei eckigen Lichtlinien ist die Einspeisung immer in der Ecke

Max. Länge bei einer Einspeisung ist: 3.5m (für LED CC), 5m (für LED CV).

4 Wähle deine Modullänge

Beispiel:

Start/Endmodul 846mm
BB-ELITE modul 160mm
ML modul 302x302mm
Zentralmodul 841mm
MG modul 258x258mm
Start/Endmodul 1126mm

5 Option zur Auswahl

Steuerung	on/off	<input type="checkbox"/> DALI
LED	CC HE	<input type="checkbox"/> CC HO
Abdeckung	<input type="checkbox"/> c-shade	
Lichtfarbe	3000K	<input type="checkbox"/> 4000K
Ausführung	<input type="checkbox"/> Grundierung	
Lichtverteilung*	<input type="checkbox"/> 30°	<input type="checkbox"/> 60°

* Option nur für BB-ELITE Module.

6 Beispielauftrag

1. UT32.41 Start/Endmodul, LED CC HO (2 2301 2420 03/27W)
846mm | 28W | 2100lm | 4000K | DALI | c-shade | Grundierung
2. UT32.41 BB-ELITE 5 modul, 5x Power LED (2 2392 2490 04/50W)
160mm | 13W | 860lm | 4000K | 30° | DALI | Grundierung
3. UT32.41 ML modul, LED CC HO (2 2332 2420 00/27W)
302x302mm | 18.5W | 1400lm | 4000K | DALI | c-shade | Grundierung
4. UT32.41 Zentralmodul, LED CC HO (2 2302 2420 03/27W)
841mm | 28W | 2100lm | 4000K | DALI | c-shade | Grundierung
5. UT32.41 MG modul, LED CC HO (2 2342 2420 00/27W)
258x258mm | 18.5W | 1400lm | 4000K | DALI | c-shade | Grundierung
6. UT32.41 Start/Endmodul, LED CC HO (2 2301 2420 04/27W)
1126mm | 37W | 2800lm | 4000K | DALI | c-shade | Grundierung

WIR BITTEN, UM KONTAKT UM DIE BESTELLUNG ZU ÜBERPRÜFEN.

Wie sind die Artikel-Nr. zu verstehen

2 0 0 0 0 0 0 0 0 0 00 / 0 0 0

Serie	U18.18	U18.32	U32.32/41	I32.32	I32.53	U50.68	H50.68	H73.68	H36.80	H27.63	G27
	0	1	2	3	4	5	6	7	8	9	G
Variante	C	S	F	T	V	W	A				
	0	1	2	3	4	5	6				
A Typ	Linienbeleuchtung		CHILI	TUBE	System Verbinder						
	0	1	2	3	4	5	6	7	8	9	G
B Modul	Set	Start/Endmodul	Zentralmodul	LED Einsatz							
	0	1	2	3							
C Montage	Abgependelt	Eingebaut	Aufgebaut								
	0	2	4								
D Steuerung	nicht betreffend	DALI	on/off	Corridor System							
	0	4	5	C							
E Leuchtmittel	nicht betreffend	CC HE	CC HO	CC 2HO	CV HE	CV HO	Power LED	Multichip LED			
	0	1	2	3	4	5	9	M			
F Ausführung	Grundierung	RAL9006	weiß	schwarz	eloxiert						
	0	3	4	5	6						
G Länge	00*	01**	02**	03**	04**	05**	06**				
H Lichtverteilung	nicht betreffend	symmetrisch direkt	symmetrisch direkt/indirekt	assymetrisch	spot 20° / 30°	spot 40° / 60°					
	0	2	3	4	5	6					
I Abdeckung	nicht betreffend	satine	mikroprisma	microcrystale	ice	c-shade					
	0	3	4	5	6	7					
J Lichtfarbe	nicht betreffend	3000K	4000K								
	0	WW	W								

* Für Systemverbinder: ML, MG, MH, MT, MX.
** Standardlänge-Nummer des Profils.

Jak skonfigurować system profili

1 Wybierz serię profili (wymiar i kształt)

U 18.18 U 18.32 U 32.32/41 I 32.32 I 32.53

U 50.68 H 50.68 H 73.68 H 36.80 H 27.63 G 27

Uwaga: Dla serii profili I oraz G możliwe jest budowanie wyłącznie linii prostych.

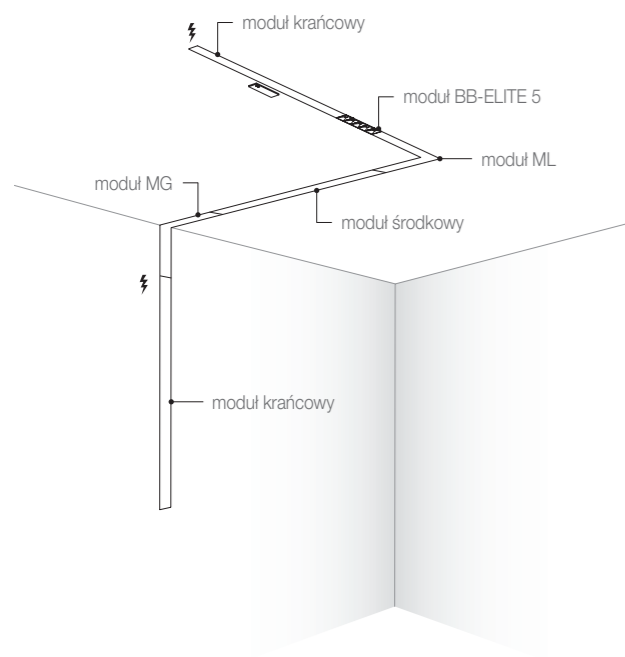
2 Wybierz wariant profilu (sposób montażu)

C nabudowany S zwieszany F wbudowany z ramką T wbudowany bezramkowy

V wbudowany płytko cofnięty W wbudowany głęboko cofnięty A asymetryczny

Uwaga: Sprawdź czy wybrany wariant ma wszystkie niezbędne opcje.

3 Skomponuj system profili



⚡ Zasilanie linii zawsze występuje w modułach krańcowych.
W przypadku kształtów prostokątnych należy wskazać zasilany narożnik.

Maksymalne długości systemu zasilanego z jednego punktu wynoszą:
3.5m (dla LED CC), 5m (dla LED CV).

4 Wybierz długości modułów

Przykładowo:
moduł krańcowy 846mm
moduł BB-ELITE 160mm
moduł ML 302x302mm
moduł środkowy 841mm
moduł MG 258x258mm
moduł krańcowy 1126mm

5 Wybierz opcje

Sterowanie	on/off	DALI
LED	CC HE	CC HO
Dyfuzor	c-shade	
Temperatura barwowa	3000K	4000K
Wykończenie	podkład	
Rozsył światła*	30°	60°

* Opcje dostępne tylko dla modułów BB-ELITE.

6 Przykładowe zamówienie

1. UT32.41 moduł krańcowy, LED CC HO (2 2301 2420 03/27W)
846mm | 28W | 2100lm | 4000K | DALI | c-shade | podkład
2. UT32.41 moduł BB-ELITE 5, 5x Power LED (2 2392 2490 04/50W)
160mm | 13W | 860lm | 4000K | 30° | DALI | podkład
3. UT32.41 moduł ML, LED CC HO (2 2332 2420 00/27W)
302x302mm | 18.5W | 1400lm | 4000K | DALI | c-shade | podkład
4. UT32.41 moduł środkowy, LED CC HO (2 2302 2420 03/27W)
841mm | 28W | 2100lm | 4000K | DALI | c-shade | podkład
5. UT32.41 moduł MG, LED CC HO (2 2342 2420 00/27W)
258x258mm | 18.5W | 1400lm | 4000K | DALI | c-shade | podkład
6. UT32.41 moduł krańcowy, LED CC HO (2 2301 2420 04/27W)
1126mm | 37W | 2800lm | 4000K | DALI | c-shade | podkład

PROSIMY O KONTAKT W CELU POTWIERDZENIA POPRAWNOŚCI ZAMÓWIENIA.

Jak należy rozumieć numery katalogowe

2 0 0 0 0 0 0 0 0 0 00 / 0 0 0

Seria	U18.18	U18.32	U32.32/41	I32.32	I32.53	U50.68	H50.68	H73.68	H36.80	H27.63	G27
	0	1	2	3	4	5	6	7	8	9	G
Wariant	C	S	F	T	V	W	A				
	0	1	2	3	4	5	6				
A Typ	oświetlenie liniowe	CHILJ	TUBE	ML	MG	łączniki systemowe					
	0	1	2	3	4	MH	MT	MX	MI	ELITE	G-BOX
						5	6	7	8	9	G
B Moduł	oprawa pojedyncza	krańcowy	środkowy	wkład LED							
	0	1	2	3							
C Montaż	zwieszany	wbudowany	nabudowany								
	0	2	4								
D Sterowanie	nie dotyczy	DALI	on/off	Corridor System							
	0	4	5	C							
E Źródło	nie dotyczy	CC HE	CC HO	CC 2HO	CV HE	CV HO	Power LED	Multichip LED			
	0	1	2	3	4	5	9	M			
F Wykończenie	podkład	RAL9006	biały	czarny	anodowany						
	0	3	4	5	6						
G Długość	00*	01**	02**	03**	04**	05**	06**				
H Rozsył światła	nie dotyczy	symetryczny bezpośredni	symetryczny bezpośredni/pośredni	asymetryczny	spot 20° / 30°	spot 40° / 60°					
	0	2	3	4	5	6					
I Dyfuzor	nie dotyczy	satyna	mikropryzma	mikrokryształ	ice	c-shade					
	0	3	4	5	6	7					
J Temperatura barwowa	nie dotyczy	3000K	4000K								
	0	WW	W								

* Dla łączników systemowych: ML, MG, MH, MT, MX.

** Numer ustandaryzowanej długości profilu.

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General information

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Allgemeines

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Alle Produkte sind mit Etiketten mit Katalognummer, Seriennummer, Typ von Lichtquellen und Leistung bezeichnet.

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Informacje ogólne

Informacje ogólne

Wszelkie informacje zawarte w niniejszym katalogu mają charakter poglądowy, zastępują wszystkie wcześniejsze informacje i mogą zostać zmienione w każdym momencie. Żadnej części niniejszego katalogu nie można powielać bez zgody firmy Organic Lighting.

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Ze względu na ciągłe ulepszanie oferty, firma Organic Lighting ma prawo zmieniać specyfikacje techniczne swoich produktów bez uprzedzenia. Podane w niniejszym katalogu parametry techniczne opraw są wartościami uśrednionymi.

Wymiary

Jeśli nie wskazano inaczej, wszystkie wymiary podane są w milimetrach.

Oznaczenia

Wszystkie produkty są oznaczone etykietami określającymi numer katalogowy artykułu, numer seryjny, typ źródeł światła i moc oprawy.

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Odpowiedzialność






















Produkty Organic Lighting wytwarzane są zgodnie z obowiązującymi przepisami i normami, dostarczane wraz z instrukcją montażu. Wszelkie zmiany wprowadzane w produkcie po jego zakupie i/lub niezastosowanie się do instrukcji montażu mogą prowadzić do utraty właściwości produktu i niebezpieczeństwa dla użytkownika. Firma Organic Lighting nie ponosi żadnej odpowiedzialności w odniesieniu do produktów poddanych zmianom niezależnie od ich charakteru oraz do produktów dla których nie zastosowano się do instrukcji montażu.

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Ogólne warunki współpracy

Informacje dotyczące Ogólnych Warunków Sprzedaży i Dostawy oraz Ogólnych Warunków Gwarancji i Eksploatacji Opraw Oświetleniowych zawarte są w stosownych dokumentach udostępnionych na stronie internetowej producenta (www.organiclighting.eu).

LEGEND

	Ceiling build-on, direct light Aufbauleuchte, direkt strahlend Nabudowany, rozsył bezpośredni		Unified Glare Rating Einheitliches Bewertungsindex der Blendung Ujednolicony wskaźnik oceny oślenia		I class protection I Schutzklasse I klasa ochronności
	Suspended, direct light Pendelleuchte direkt strahlend Zwieszany, rozsył bezpośredni		Control option Steuerung Opcja sterowania		II class protection II Schutzklasse II klasa ochronności
	Suspended, direct/indirect light Pendelleuchte direkt/indirekt strahlend Zwieszany, rozsył bezpośredni/pośredni		Control option Steuerung Opcja sterowania		CE certificate Zertifikat CE Certyfikat CE
	Ceiling build-in, direct light Einbauleuchte, direkt strahlend Wbudowany, rozsył bezpośredni		Lifetime of sources Lebensdauer Żywotność źródeł światła		Cutout dimensions Montagemaß Wymiary montażowe
	Ceiling build-in, asymmetric light Einbauleuchte, asymmetrisch strahlend Wbudowany, rozsył asymetryczny		Available CHILI/TUBE modules Verfügbare Module: CHILI/TUBE Dostępne moduły CHILI/TUBE		
	IP protection level Schutzart IP Stopień ochrony IP		All dimensions are specified in millimeters Alle Abmessungen sind in mm angegeben Wszystkie wymiary podane są w milimetrach		
	Power supply Stromversorgung Zasilanie		Adjustable height Einstellbare Höhe Regulowana wysokość		
	Light source Leuchtmittel Źródło światła				
	Correlated Color Temperature Korrelierte Farbtemperatur Skorelowana temperatura barwowa				
	Standard Deviation Color Matching (MacAdam ellipse) Die Standardabweichung der Farbanpassung (MacAdam Ellipse) Odchylenie standardowe dopasowania barw (elipsa MacAdam'a)				

FINISHING

-  white / weiß / biały
-  RAL9006
-  anodised / eloxiert / anodowany
-  black / schwarz / czarny
-  primer / Grundierung / podkład

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