

LIGHTING NEWS

Product range additions
24 Volt



magic
by HALEMEIER



Simply close to the customer

Craftsmanship is at the heart of our mission. We offer a range of products that are not only easy to handle but also meet all requirements for furniture lighting. As specialists in lighting technology for furniture, we draw on years of expertise developed by practitioners for practitioners.

That is why the **magic** range is valued by carpenters and buyers alike. You consciously choose a complete range that meets all your requirements from a single source. The trust that furniture builders place in us is based on our expertise, quality, and excellent value for money.

Our mission reflects our philosophy: We aim for a partnership with our customers based on mutual respect. Through comprehensive consultation and collaborative development, we always find the optimal solutions for every project. With the **magic** programme, partnership, loyalty and mutual trust are not empty words, but lived values.



Training and Expert Advice

On request, our field service team will visit your premises to present new product range solutions and demonstrate how to use them. You'll gain first-hand insight into the practical benefits these systems offer and how to use them efficiently. At the same time, you'll receive advice on the latest topics relating to furniture lighting, technology and planning.



Tutorials and guides

In addition to the product assembly instructions, you'll find step-by-step tutorials on our YouTube channel. There, you can learn how to use the switching technology, get help with your projects and discover new ideas for incorporating lighting into furniture.

>> www.youtube.com/@halemeiergmbh



5-year guarantee

We are absolutely confident in the quality of our products, as we have developed them specifically to meet the high standards of your projects. Make use of our guarantee to pass this confidence on to your customers.



Video Consultation and Live Support

If something goes wrong during installation and you can't find the fault, we're on hand to help straight away. Our field service team will support you via video call, working directly on your project – exactly when you're struggling with the problem. Together, we'll look at the installation and help you troubleshoot the issue quickly and easily.



Design Service

On request, we can plan your projects individually according to your specifications. We'll support you with the design process, particularly for complex applications or if you're unsure about calculating and selecting the components. This way, you'll receive a tailor-made solution for your project, free of charge.

>> www.halemeier.de/en/blog/planungsservice/



24/7 - digital data

In the digital catalogue on our website, you can view the full range of products at a glance at any time. Key accessories are linked directly to the products. You can also conveniently download assembly instructions, 3D data and catalogue pages – so you have all the important information to hand exactly when you need it.

>> www.halemeier.de/en/produkte/



Versa Linear 600
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Versa Linear 1200
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Versa ShortCut 600
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Versa ShortCut 1200
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Versa Inside 1200
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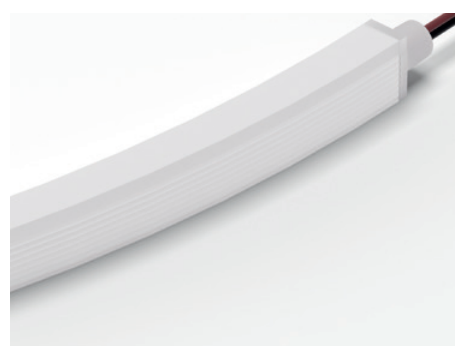
Versa Inside 2100
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Versa Fix 4x6
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Versa Fix 8x12 MaxiColor
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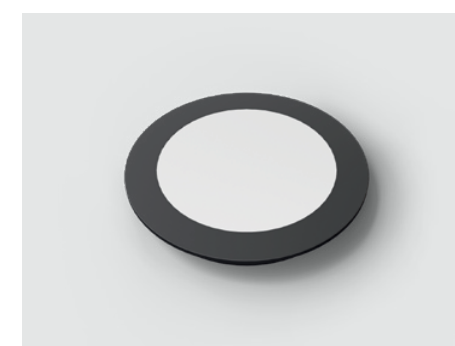
Versa Inside MaxiColor Pnp
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Versa Linear MaxiColor
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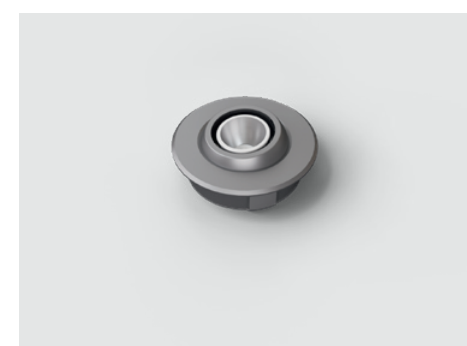
LitePanel 68
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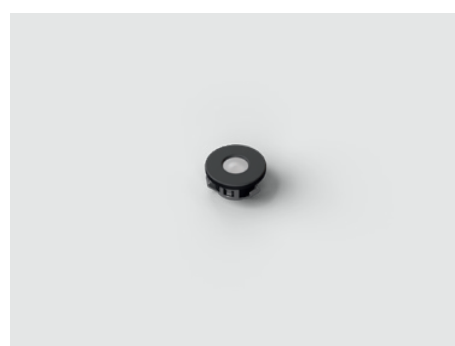
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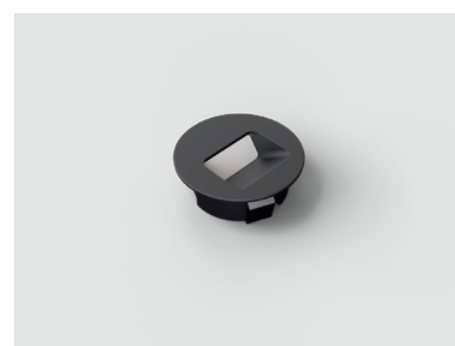
MoveSpot 40
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MiniSpot 15
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SideSpot 35
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Microwave motion detector
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MultiSwitch Master
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PureSwitch MultiWhite
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Mini build-in rocker switch
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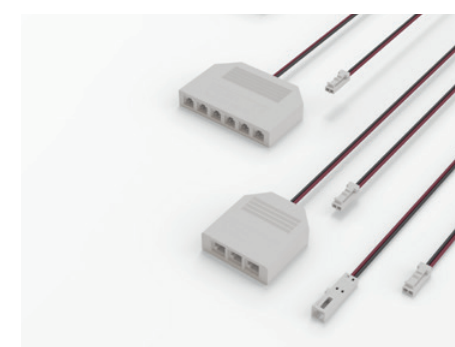
Dimming module DALI
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Ballasts
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Leads
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More lights and accessories
in the **magic** light catalogue!



magic light catalogue
Order no. 17 985 02

Linear lights

Versa strips for versatile lighting needs.

Our LED strips are known as "Versa" due to their versatility. They can be adapted to a wide range of requirements. With the ability to be cut to size and provide adjustable light colours, these LED strips open up a world of possibilities for custom lighting designs in furniture construction.

The integration of Versa LED strips is optimised through the use of ChannelLine profiles*, which ensure ideal processing.



The "Saw" icon identifies products that can be shortened

* See magic lightcatalogue chapter ChannelLine



Typical 24 volt DC application

Lighting in furniture. 24 volts reimagined.

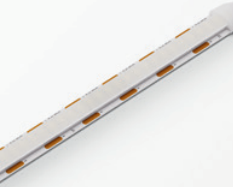
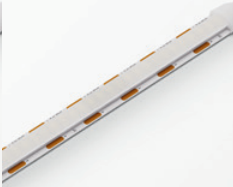
Lighting creates atmosphere, supports functionality and showcases materials to great effect. What matters is not only the lighting effect, but also a system that is easy to plan, flexible to install and reliable in use. With magic's new 24-volt range, we combine the advantages of modern 24-volt technology with the tried-and-tested strengths of 12-volt solutions.

Very short spacing between modules results in a more uniform light distribution from the new Versa. Longer lighting runs, lower currents and the simple integration of bus systems simplify planning and installation.

One range. A system-based approach. Our Versa follow a standardised accessories concept. This keeps selection and installation simple and straightforward. Proven procedures are retained, and the various light strips can be easily integrated into existing processes. Whether soldered or plugged, manufactured from stock or ordered on a make-to-order basis: the common accessories reduce the variety of items, simplify stock management and ensure reliability during installation.

High-quality light. With a colour rendering index (CRI) of 93 and a high red component (R9) of over 60, colours, materials and surfaces are rendered particularly naturally.

magic stands for high-quality lighting, easy installation and the right solution for almost any application in furniture and interior design.

Overview of Versa strips								
Model	Versa Linear 600		Versa Linear 1200		Versa ShortCut 600	Versa ShortCut 1200	Versa Inside 1200	
								
Voltage	12 V	24 V	12 V	24 V	24 V	24 V	12 V	24 V
Page	s. main catalogue	Page 14	s. main catalogue	Page 16	Page 18	Page 20	s. main catalogue	Page 24
Luminous flux per m	600 - 660 lm/m		1200 - 1320 lm/m		600 - 660 lm/m	1200 - 1320 lm/m	1200 - 1400 lm/m	
Light source efficiency (max.)	110 lm/W		110 lm/W		130 lm/W	130 lm/W	175 lm/W	
Power consupcion (max.)	6 W/m		12 W/m		5 W/m	10 W/m	8 W/m	
Light colour**	XW	WW	NW	MW	XW	WW	NW	MW
Colour rendering/CRI	RA > 93		RA > 93		RA > 93	RA > 93	RA > 90	
Strip length	1.2 m, 3 m, 5 m, 10 m		1.2 m, 3 m, 10 m	1.2 m, 3 m, 5 m, 10 m	1.2 m, 3 m, 5 m, 10 m, 50 m	1.2 m, 3 m, 5 m, 10 m, 50 m	1.2 m, 3 m, 5 m, 10 m, 50 m	5 m, 10 m, 50 m
Max. length at a stretch	6000 mm	12000 mm	3000 mm	6000 mm	14400 mm	7200 mm	4500 mm	9000 mm
Can be cut every	14 mm	14 mm, 17 mm (mw)	14 mm	14 mm, 17 mm (mw)	14 mm, 17 mm (mw)	14 mm, 17 mm (mw)	33 mm	50 mm, 62.5 mm (mw)
Direct connector	✓*							
Flexible connector 50 mm	✓*							
Flexible connector 150 mm	✓*							
Feeder for sections	✓*							
Soldering lead for sections	✓*							
Width / Hight	7.5 mm / 3.2 mm		7.5 mm / 3.2 mm		7.5 mm / 1.5 mm	7.5 mm / 1.5 mm	7.5 mm / 1.5 mm	
IP rating	IP 20		IP 20		IP 20	IP 20	IP 20	

* Details see product page
**XW = 2700K, WW = 3000K, NW = 4000K, CW = 6500K, MW = 2700-6500K

Overview of Versa strips					
Versa Inside 2100	Versa Fix 4x6		Versa Fix 8x12 MaxiColor	Versa Inside MaxiColor	Versa Linear MaxiColor
					
24 V	12 V	24 V	24 V	24 V	24 V
Page 26	s. main catalogue	Page 28	Page 30	Page 32	Page 34
2100 - 2300 lm/m	400 - 450 lm/m		-	-	-
165 lm/W	75 lm/W		-	-	-
14 W/m	6 W/m	7.2 W/m	14 W/m	19.2 W/m	15 W/m
XW	WW	NW	WW	WW	WW
RA > 90	RA > 93		-	-	-
5 m, 10 m, 50 m	1.2 m, 3 m, 5 m		1.2 m, 3 m, 5 m	3 m, 5 m	3 m, 5 m
5000 mm	5000 mm		5000 mm	5000 mm	5000 mm
50 mm	25 mm		55 mm	100 mm	62.5 mm
✓*	no connectors permitted				
✓*					
✓*					
✓*					
✓*					
7.5 mm / 1.5 mm	4 mm / 6 mm		8 mm / 12 mm	10 mm / 1.5 mm	12 mm / 2 mm
IP 20	IP 65		IP 65	IP 20	IP 20



Versa Linear 600

Advantages

- ▶ Perfect results even in flat profiles
- ▶ Especially suitable for accent lighting
- ▶ Extremely uniform, homogeneous luminous surface

Features

- ▶ Lighting specifications and segments as per Versa Linear 12 Volt
- ▶ No light spots visible in the profile due to white coating
- ▶ Supply lead on both sides (one section, two lights), see drawing

Examples of use

- ▶ Suitable for applications where the light source is visible
- ▶ Especially for flat ChannelLine profiles
- ▶ Ideal for long strips

Order information

- ▶ For the 10 m roll, feeders or soldering leads are required
- ▶ For light colour MultiWhite, MultiWhite accessories are required

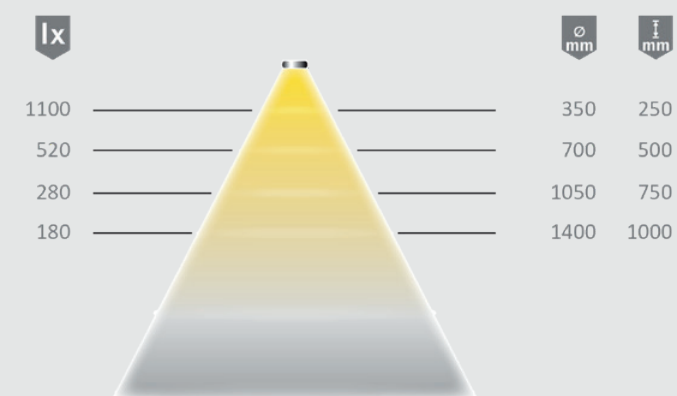


Technical details

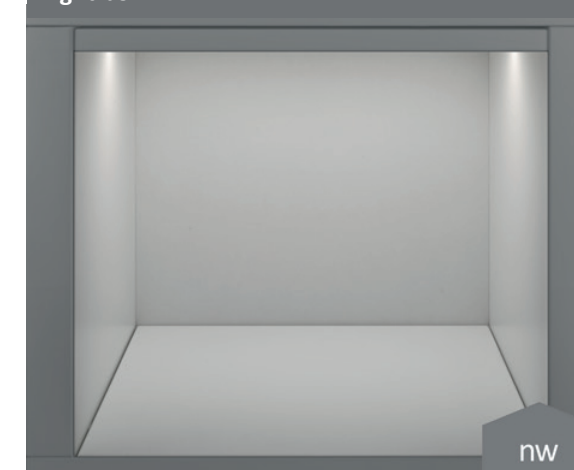
Luminaire type:	Surface mounted light
Type of lighting:	Accent lighting
Surface finish:	White
Operating voltage:	24 Volt DC
Light colour:	NeutralWhite / WarmWhite / MultiWhite / XtraWarm
Colour reproduction:	> 93 Ra; R9 > 60
Luminous flux:	600 - 660 lm/m
Light source efficiency:	max. 110 lm/W
Life span:	60,000 h (L80/B10)
Power consumption:	max. 6 W/m
Max. length at a stretch:	12 m
Dimmable:	PWM
Beam angle:	120°
Half-value angle:	70°
Mark:	CE 
Degree of protection:	IP 20
Supply lead:	1800 mm
Plug connector:	Mini connector M2

Accessories

	1 piece	10 pieces
Ballast 40 W with Euro flat plug (1-way MP2 + 9-way M2)	31 063 01	
Corner connector	36 373 01	36 373 02
Direct connector	36 373 11	36 373 12
Feeder Versa 24VDC 130mm	36 373 62	
Feeder Versa 24VDC 1800mm	36 373 61	
Flexible connector 150 mm	36 373 31	36 373 32
Flexible connector 50 mm	36 373 21	36 373 22
M2 extension lead 2000 mm	36 768 16	
MP2 to M2 adapter and 9-way distributor	31 029 41	
MultiWhite colour change adapter XW/CW	39 304 50	
Soldering lead 130 mm for sections	36 373 71	
Soldering lead 1800 mm for sections	36 373 72	



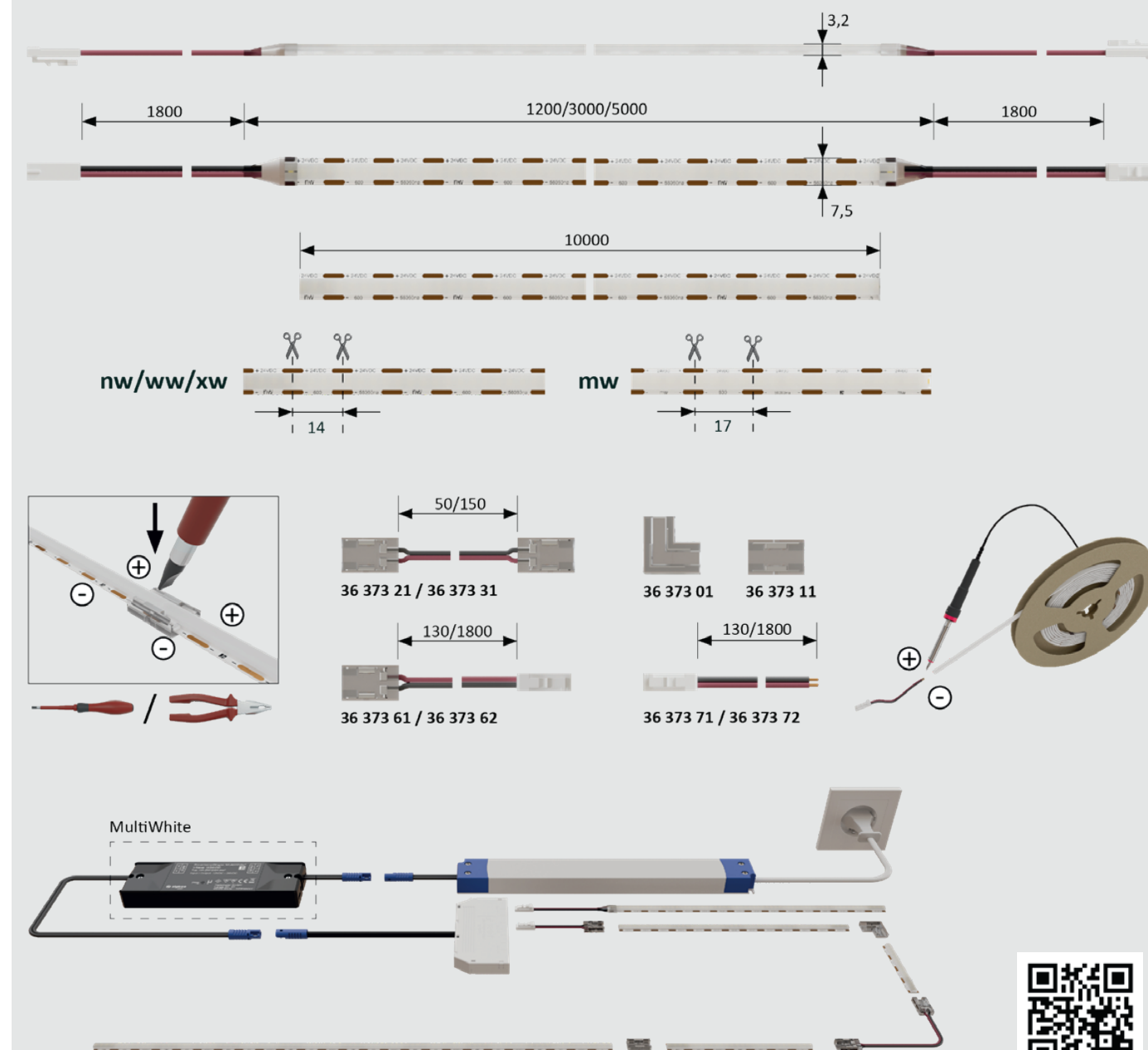
Light box



Assembly drawing



Can be individually cut to length





Versa Linear 1200

Advantages

- Perfect results even in flat profiles
- Especially suitable for functional lighting
- Extremely uniform, homogeneous luminous surface

Features

- Lighting specifications and segments as per Versa Linear 12 Volt
- No light spots visible in the profile due to white coating
- Supply lead on both sides (one section, two lights), see drawing

Examples of use

- Suitable for applications where the light source is visible
- Especially for flat ChannelLine profiles
- Ideal for long strips

Order information

- For the 10 m roll, feeders or soldering leads are required
- For light colour MultiWhite, MultiWhite accessories are required

Versa Linear 1200 24VDC

	MultiWhite	XtraWarm	WarmWhite	NeutralWhite
1200 mm (max. 14.4 W)	56 061 32	56 061 42	56 061 12	56 061 02
3000 mm (max. 36 W)	56 061 33	56 061 43	56 061 13	56 061 03
5000 mm (max. 60 W)	56 061 34	56 061 44	56 061 14	56 061 04
10000 mm (max. 12W/m)	56 061 31	56 061 41	56 061 11	56 061 01

Accessories

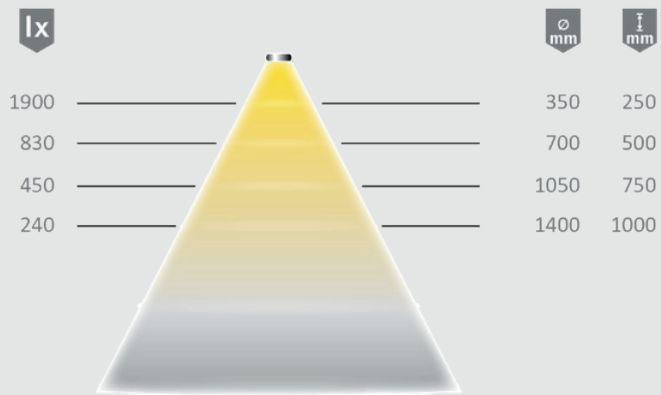
	1 piece	10 pieces
Ballast 40 W with Euro flat plug (1-way MP2 + 9-way M2)	31 063 01	
Corner connector	36 373 01	36 373 02
Direct connector	36 373 11	36 373 12
Feeder Versa 24VDC 130mm	36 373 62	
Feeder Versa 24VDC 1800mm	36 373 61	
Flexible connector 150 mm	36 373 31	36 373 32
Flexible connector 50 mm	36 373 21	36 373 22
M2 extension lead 2000 mm	36 768 16	
MP2 to M2 adapter and 9-way distributor	31 029 41	
MultiWhite colour change adapter XW/CW	39 304 50	
Soldering lead 130 mm for sections	36 373 71	
Soldering lead 1800 mm for sections	36 373 72	

Technical details

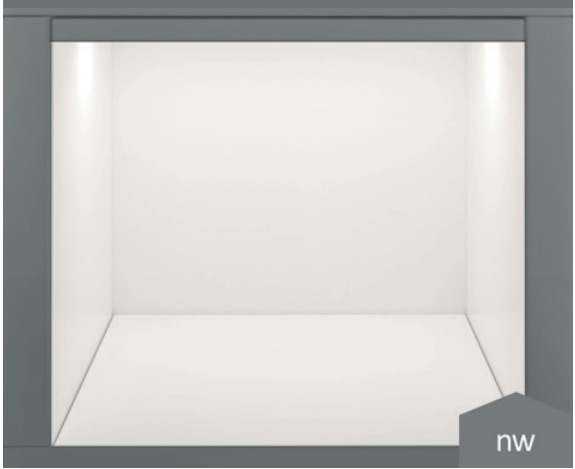


Luminaire type: Surface mounted light
Type of lighting: Functional lighting
Surface finish: White
Operating voltage: 24 Volt DC
Light colour: NeutralWhite / WarmWhite / MultiWhite / XtraWarm
Colour reproduction: > 93 Ra; R9 > 60
Luminous flux: 1200 - 1320 lm/m
Life source efficiency: max. 110 lm/W
Life span: 50,000 h (L80/B10)
Power consumption: max. 12 W/m
Max. length at a stretch: 6 m
Dimmable: PWM
Beam angle: 120°
Half-value angle: 70°
Mark:
Degree of protection: IP 20
Supply lead: 1800 mm
Plug connector: Mini connector M2

Light distribution diagram 70° - measured in black room



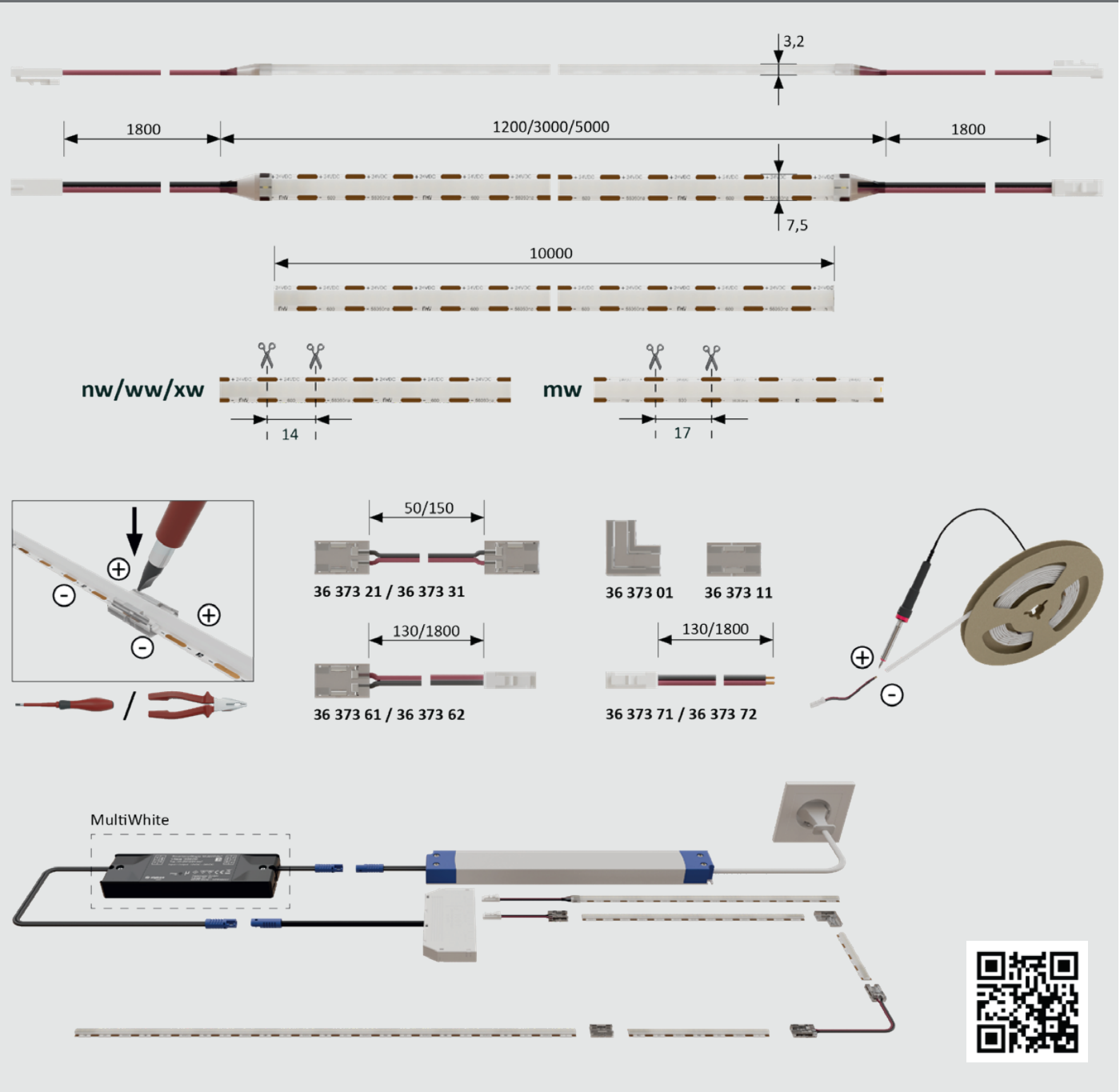
Light box



Assembly drawing



Can be individually cut to length





Versa ShortCut 600

- Advantages**

 - Cost-optimized alternative to Versa Linear for indirect lighting and deep profiles.
 - Twice the LED density of the Versa Inside
- Features**

 - Supply lead on both sides (one section, two lights), see drawing
 - 288 (single-color) or 240 (MultiWhite) LEDs per meter
- Examples of use**

 - Accent lighting in the living area
 - Ideal for long strips
- Order information**

 - For the 10 m and 50 m rolls, feeders or soldering leads are required
 - For light colour MultiWhite, MultiWhite accessories are required

Technical details



Luminaire type: Surface mounted light
Type of lighting: Accent lighting
Surface finish: White
Operating voltage: 24 Volt DC
Light colour: NeutralWhite / WarmWhite / MultiWhite / XtraWarm

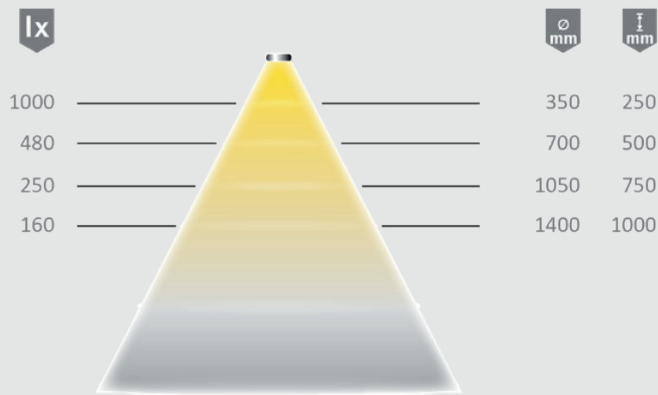
Colour reproduction: > 93 Ra; R9 > 60
Luminous flux: 600 - 660 lm/m
Light source efficiency: max. 130 lm/W
Life span: 60,000 h (L80/B10)
Power consumption: max. 5 W/m

Max. length at a stretch: 14.4 m
Dimmable: PWM
Number of LEDs: 288 LED/m
Beam angle: 120°
Half-value angle: 70°
Mark:
Degree of protection: IP 20
Supply lead: 1800 mm
Plug connector: Mini connector M2

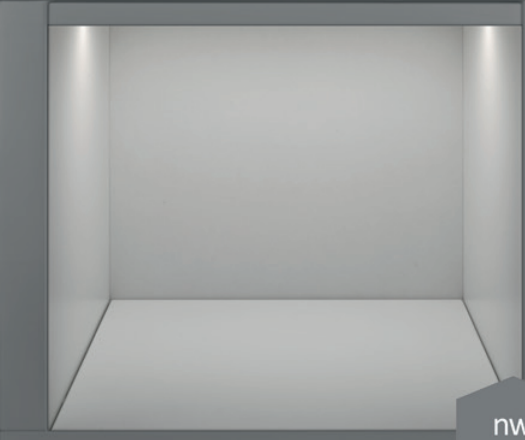
Accessories

	1 piece	10 pieces
Ballast 40 W with Euro flat plug (1-way MP2 + 9-way M2)	31 063 01	
Corner connector	36 373 01	36 373 02
Direct connector	36 373 11	36 373 12
Feeder Versa 24VDC 130mm	36 373 62	
Feeder Versa 24VDC 1800mm	36 373 61	
Flexible connector 150 mm	36 373 31	36 373 32
Flexible connector 50 mm	36 373 21	36 373 22
M2 extension lead 2000 mm	36 768 16	
MP2 to M2 adapter and 9-way distributor	31 029 41	
MultiWhite colour change adapter XW/CW	39 304 50	
Soldering lead 130 mm for sections	36 373 71	
Soldering lead 1800 mm for sections	36 373 72	

Light distribution diagram 70° - measured in black room

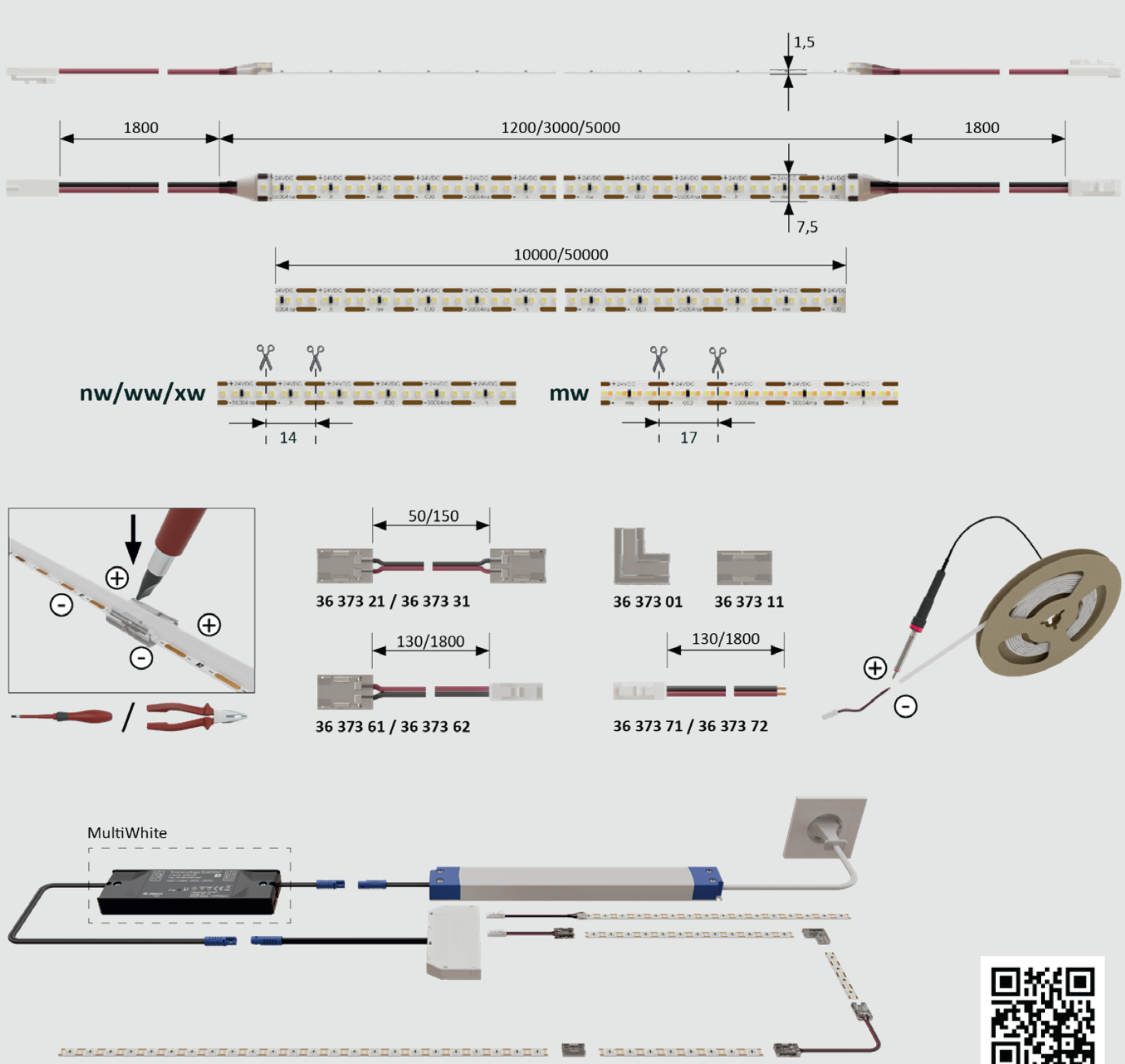


Light box



Assembly drawing

Can be individually cut to length





Versa ShortCut 1200

Advantages

- ▶ Cost-optimized alternative to Versa Linear for indirect lighting and deep profiles.
- ▶ Twice the LED density of the Versa Inside

Features

- ▶ Supply lead on both sides (one section, two lights), see drawing
- ▶ 288 (single-color) or 240 (MultiWhite) LEDs per meter

Examples of use

- ▶ Ideal for task and functional lighting
- ▶ Ideal for long strips
- ▶ A uniform light line when used in deep profiles

Order information

- ▶ For the 10 m and 50 m rolls, feeders or soldering leads are required
- ▶ For light colour MultiWhite, MultiWhite accessories are required

Technical details



24V

Versa ShortCut 1200 24VDC

	MultiWhite	XtraWarm	WarmWhite	NeutralWhite
1200 mm (max. 12 W)	56 065 32	56 065 42	56 065 12	56 065 02
3000 mm (max. 30 W)	56 065 33	56 065 43	56 065 13	56 065 03
5000 mm (max. 50 W)	56 065 34	56 065 44	56 065 14	56 065 04
10000 mm (max. 10 W/m)	56 065 31	56 065 41	56 065 11	56 065 01
50000 mm (max. 10 W/m)	56 065 30	56 065 40	56 065 10	56 065 00

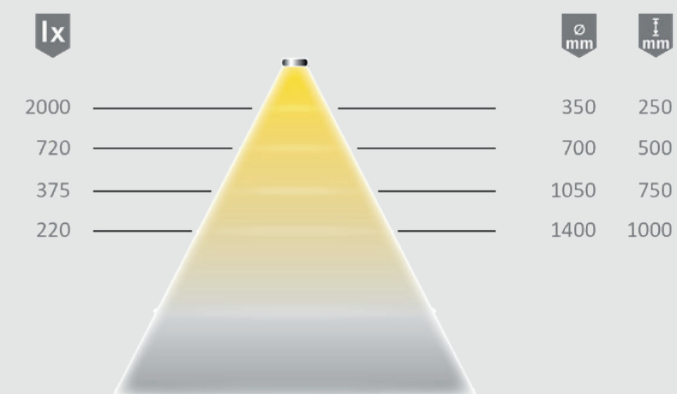
Accessories

	1 piece	10 pieces
Ballast 40 W with Euro flat plug (1-way MP2 + 9-way M2)	31 063 01	
Corner connector	36 373 01	36 373 02
Direct connector	36 373 11	36 373 12
Feeder Versa 24VDC 130mm	36 373 62	
Feeder Versa 24VDC 1800mm	36 373 61	
Flexible connector 150 mm	36 373 31	36 373 32
Flexible connector 50 mm	36 373 21	36 373 22
M2 extension lead 2000 mm	36 768 16	
MP2 to M2 adapter and 9-way distributor	31 029 41	
MultiWhite colour change adapter XW/CW	39 304 50	
Soldering lead 130 mm for sections	36 373 71	
Soldering lead 1800 mm for sections	36 373 72	

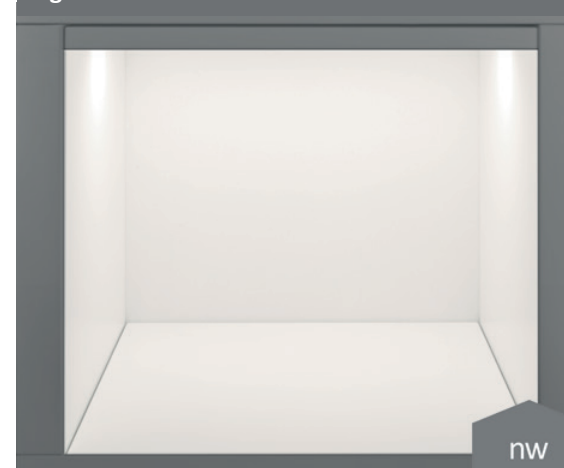
Luminaire type:	Surface mounted light
Type of lighting:	Functional lighting
Surface finish:	White
Operating voltage:	24 Volt DC
Light colour:	NeutralWhite / WarmWhite / MultiWhite / XtraWarm

Colour reproduction:	> 93 Ra; R9 > 60
Luminous flux:	1200 - 1320 lm/m
Light source efficiency:	max. 130 lm/W
Life span:	50,000 h (L80/B10)
Power consumption:	max. 10 W/m
Max. length at a stretch:	7.2 m
Dimmable:	PWM
Number of LEDs:	288 LED/m
Beam angle:	120°
Half-value angle:	70°
Mark:	CE 
Degree of protection:	IP 20
Supply lead:	1800 mm
Plug connector:	Mini connector M2

Light distribution diagram 70° - measured in black room



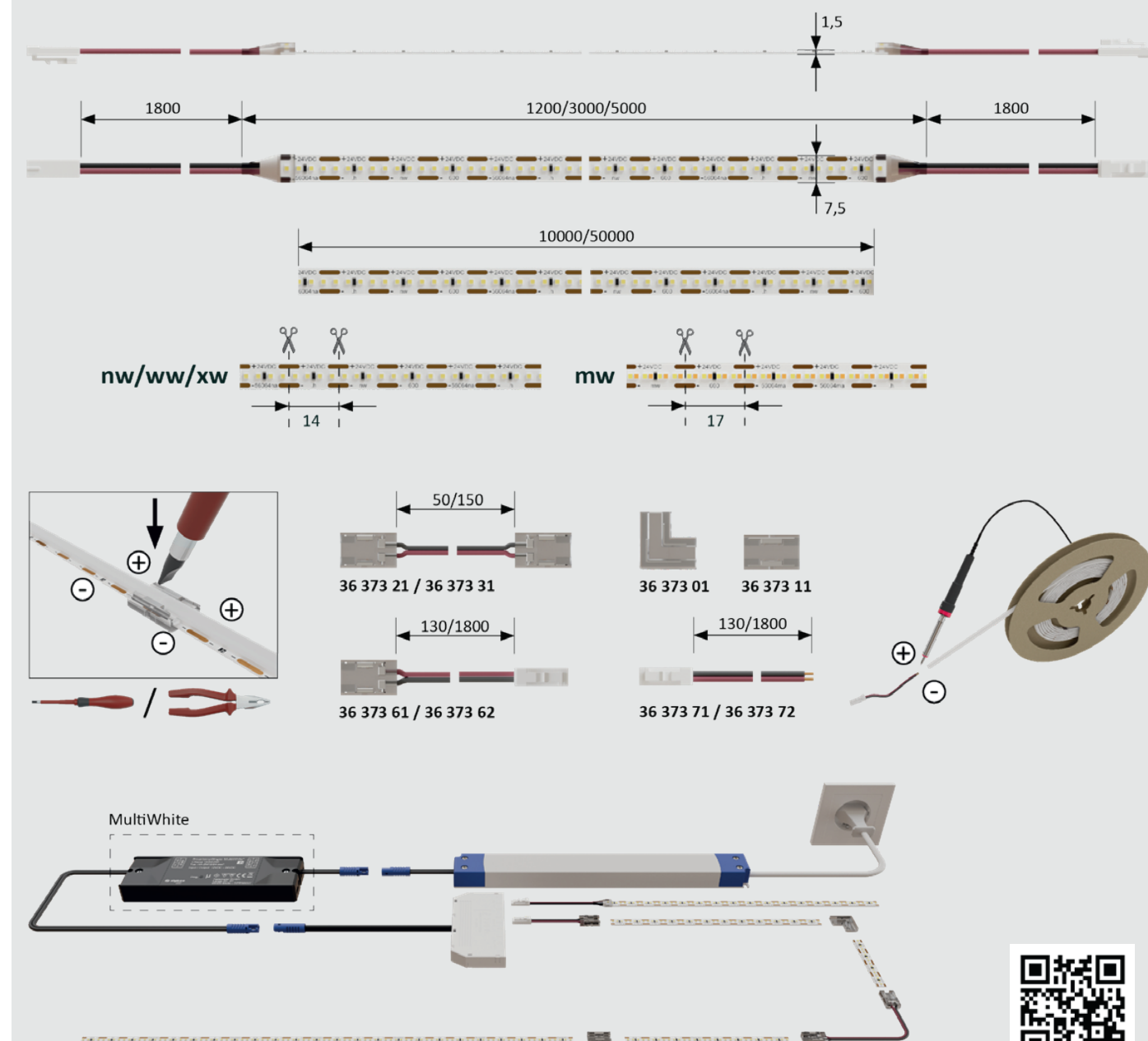
Light box



Assembly drawing



Can be individually cut to length



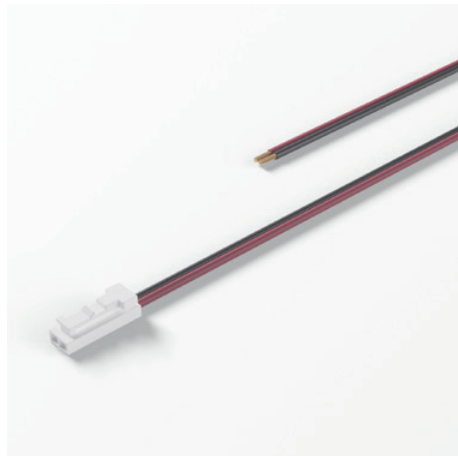
Accessories Versa Linear and Versa ShortCut 24 Volt DC



Feeder 130 mm for sections
Order no.. 36 373 62



Feeder 1800 mm for sections
Order no. 36 373 61



Soldering lead 130 mm for sections
Order no. 36 373 71



Soldering lead 1800 mm for sections
Order no. 36 373 71



Direct connector
Order no. 36 373 11



Corner connectors
Order no. 36 373 01



Flexible connector 50 mm
Order no. 36 373 21



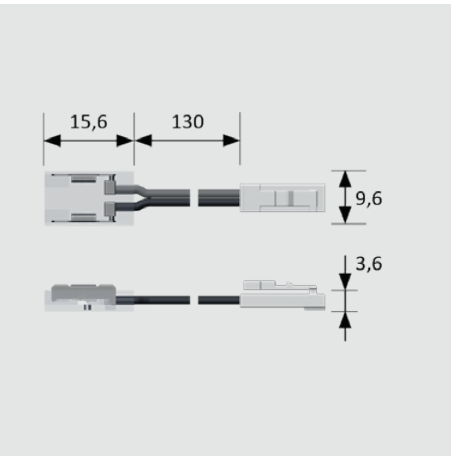
Flexible connector 150 mm
Order no. 36 373 31



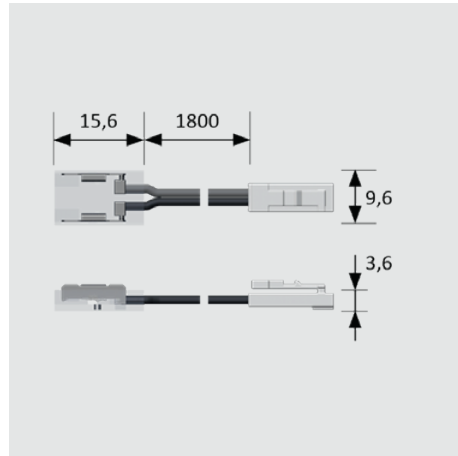
MultiWhite colour change adapter XW/CW*
Order no. 39 304 50

* When a MultiWhite light is connected directly, the light colour changes from XtraWarm to CoolWhite

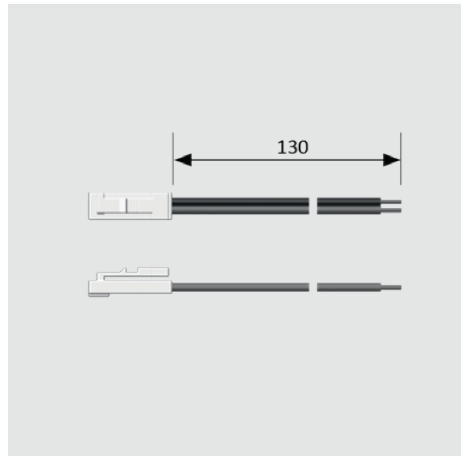
Dimension drawing



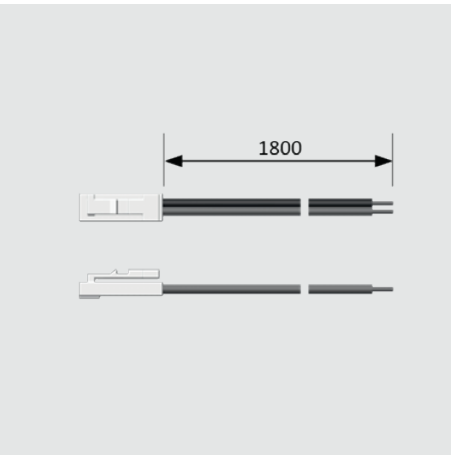
Feeder 130 mm for sections
Order no. 36 373 62



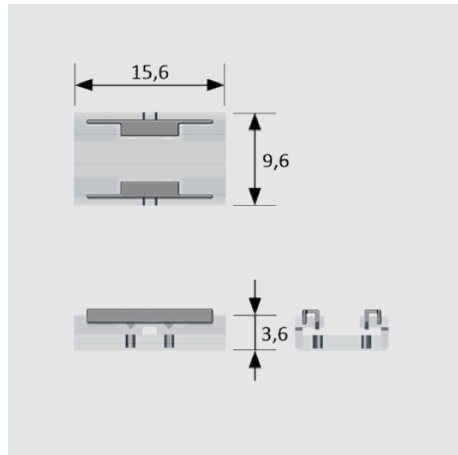
Feeder 1800 mm for sections
Order no. 36 373 61



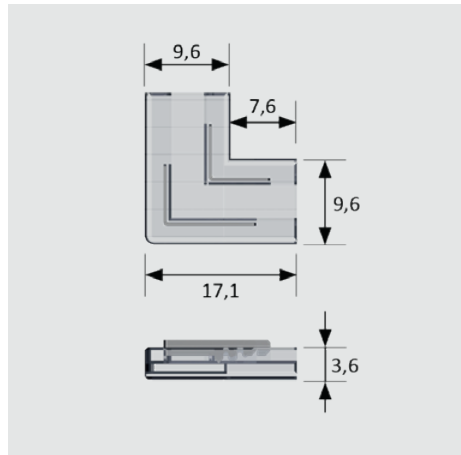
Soldering lead 130 mm for sections
Order no. 36 373 71



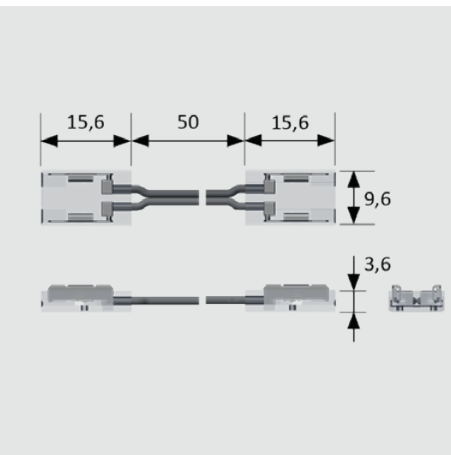
Soldering lead 1800 mm for sections
Order no. 36 373 71



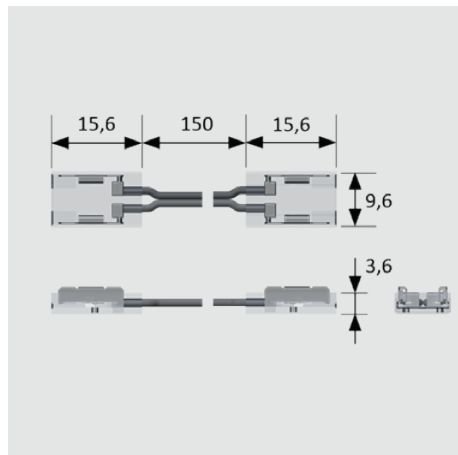
Direct connector
Order no. 36 373 11



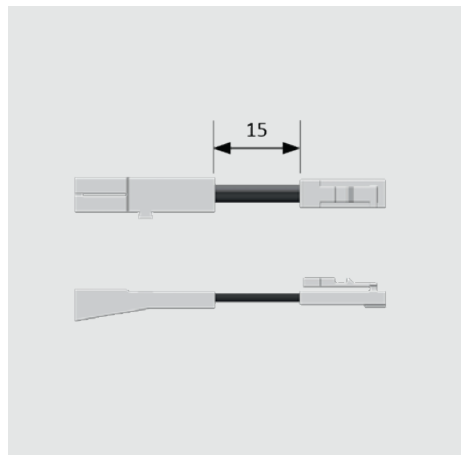
Corner connectors
Order no. 36 373 01



Flexible connector 50 mm
Order no. 36 373 21



Flexible connector 150 mm
Order no. 36 373 31



MultiWhite colour change adapter XW/CW*
Order no. 39 304 50



Versa Inside 1200 24VDC

- Advantages**

 - 40% more efficient than its predecessor Versa Inside 160 (24 Volt DC)
- Features**

 - Same brightness and light distribution as the predecessor Versa Inside 160 (24 Volt DC)
 - Supply lead on both sides for the 5000 mm length (one section, two lights), see drawing
- Examples of use**

 - Perfect for indirect room lighting
- Order information**

 - For the 10 m and 50 m rolls, feeders or soldering leads are required

Versa Inside 1200 24VDC

	MultiWhite	XtraWarm	WarmWhite	NeutralWhite
5000 mm (max. 40 W)	56 046 34	56 046 44	56 046 14	56 046 04
10000 mm (max. 8 W/m)	56 046 31	56 046 41	56 046 11	56 046 01
50000 mm (max. 8 W/m)	56 046 30	56 046 40	56 046 10	56 046 00

Accessories

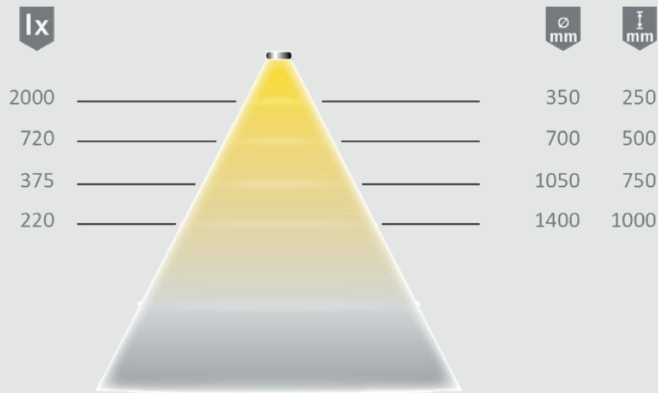
	1 piece	10 pieces
Ballast 75 W with Euro flat plug (MP2)	31 017 01	
Corner connector	36 373 01	36 373 02
Direct connector	36 373 11	36 373 12
Feeder Versa 24VDC	36 373 51	
Feeder for soldering 130 mm for sections (max. 150 W)	39 416 02	
Feeder for soldering 1800 mm for sections (max. 150 W)	39 416 01	
Flexible connector 150 mm	36 373 31	36 373 32
Flexible connector 50 mm	36 373 21	36 373 22
MP2 2-way distributor	39 422 51	
MP2 6-way distributor	36 996 01	
MP2 extension lead 1800 mm	36 177 01	
Soldering lead 130 mm for sections (max. 72 W)	36 247 02	
Soldering lead 1800 mm for sections (max. 72 W)	36 247 01	

Technical details

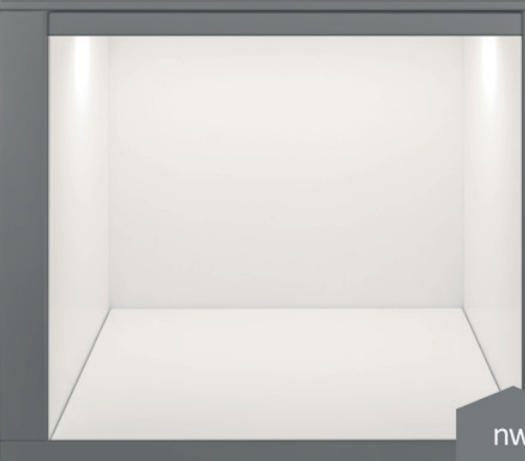


Luminaire type: Surface mounted light
Type of lighting: Functional lighting
Surface finish: White
Operating voltage: 24 Volt DC
Light colour: NeutralWhite / WarmWhite / MultiWhite / XtraWarm
Colour reproduction: > 90 Ra; R9 > 50 />70
Luminous flux: 1200 - 1400 lm/m
Light source efficiency: max. 175 lm/W
Life span: 50,000 h (L80/B10)
Power consumption: max. 8 W/m
Max. length at a stretch: 9 m
Dimmable: PWM
Number of LEDs: 160 LED/m
Beam angle: 120°
Half-value angle: 70°
Mark: 
Degree of protection: IP 20
Supply lead: 1800 mm
Plug connector: Mini connector MP2

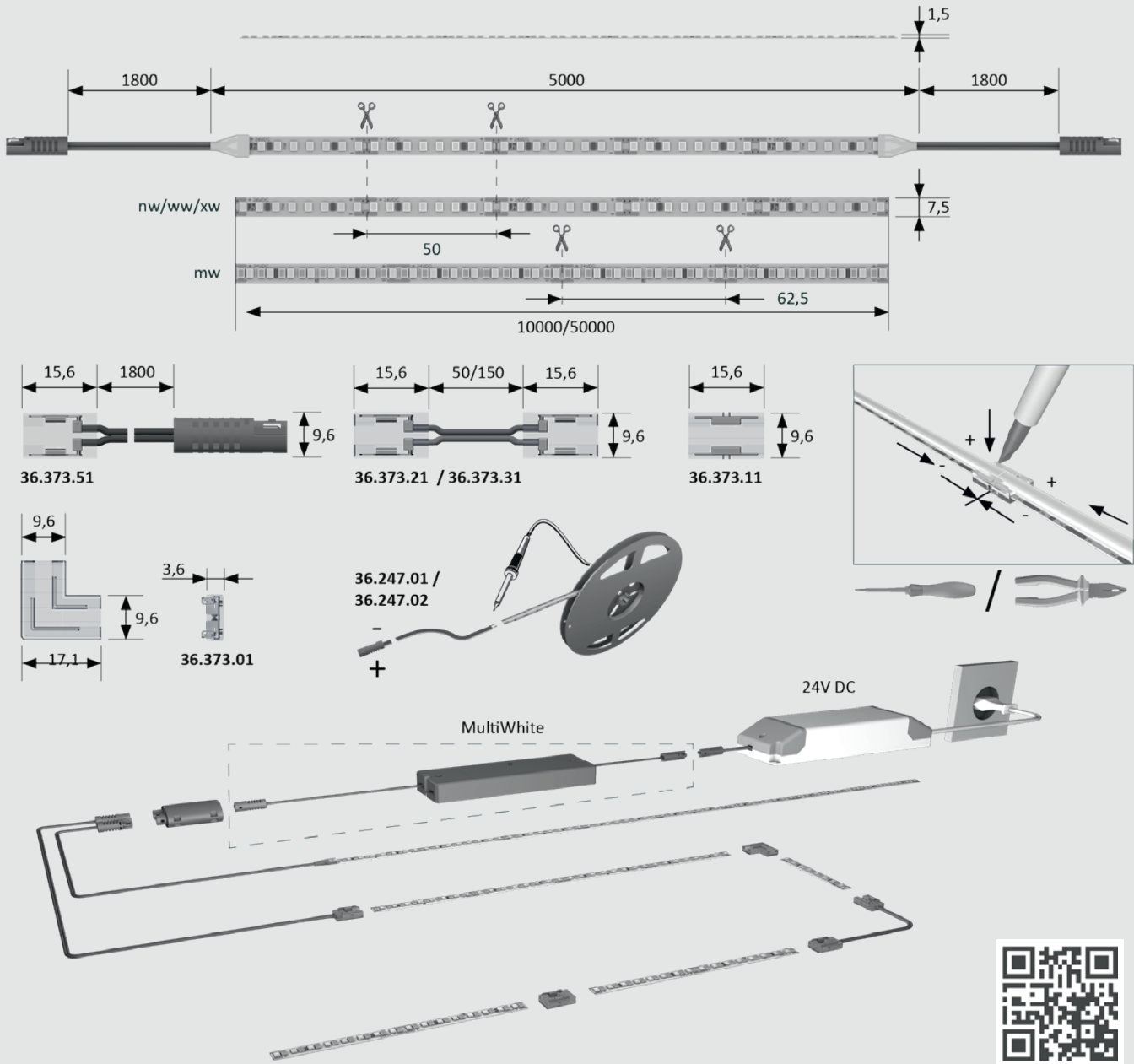
Light distribution diagram 70° - measured in black room



Light box



Assembly drawing  Can be shortened individually





Versa Inside 2100 24VDC

Advantages

- 100% more efficient than its predecessor Versa Inside 233 HP

Features

- Same brightness as the predecessor Versa Inside 233 HP
- Supply lead on both sides for the 5000 mm length (one section, two lights), see drawing

Examples of use

- Also suitable for room lighting
- Luminaire construction for very high light requirements

Order information

- For the 10 m and 50 m rolls, feeders or soldering leads are required

Versa Inside 2100 24VDC

	XtraWarm	WarmWhite	NeutralWhite
5000 mm (max. 70 W)	56 047 44	56 047 14	56 047 04
10000 mm (max. 14 W/m)	56 047 41	56 047 11	56 047 01
50000 mm (max. 14 W/m)	56 047 40	56 047 10	56 047 00

Accessories

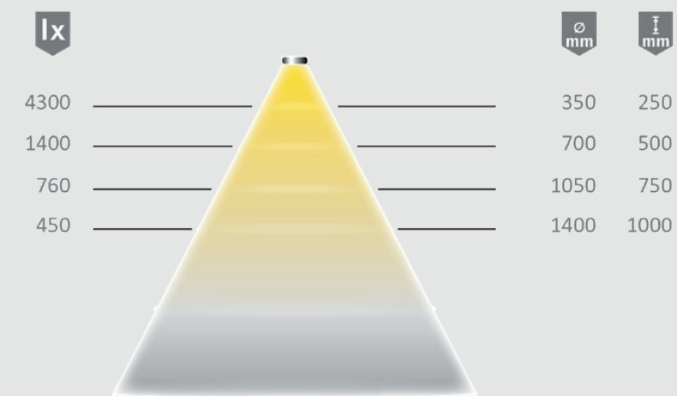
	1 piece	10 pieces
Ballast 75 W with Euro flat plug (MP2)	31 017 01	
Corner connector	36 373 01	36 373 02
Direct connector	36 373 11	36 373 12
Feeder Versa 24VDC	36 373 51	
Feeder for soldering 130 mm for sections (max. 150 W)	39 416 02	
Feeder for soldering 1800 mm for sections (max. 150 W)	39 416 01	
Flexible connector 150 mm	36 373 31	36 373 32
Flexible connector 50 mm	36 373 21	36 373 22
MP2 2-way distributor	39 422 51	
MP2 6-way distributor	36 996 01	
MP2 extension lead 1800 mm	36 177 01	
Soldering lead 130 mm for sections (max. 72 W)	36 247 02	
Soldering lead 1800 mm for sections (max. 72 W)	36 247 01	

Technical details

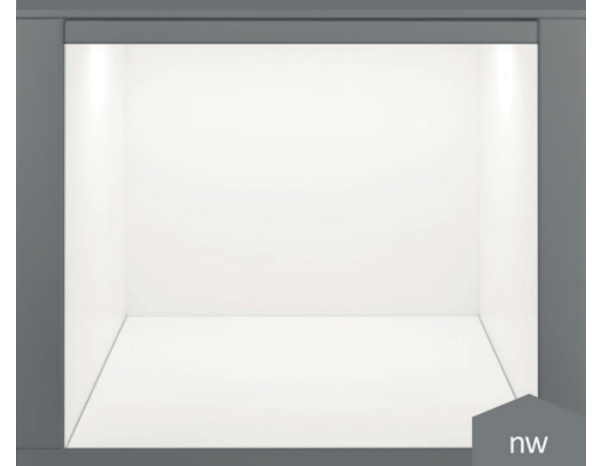


Luminaire type:	Surface mounted light
Type of lighting:	Functional lighting
Surface finish:	White
Operating voltage:	24 Volt DC
Light colour:	NeutralWhite / WarmWhite / XtraWarm
Luminous flux:	2100 - 2300 lm/m
Light source efficiency:	max. 165 lm/W
Life span:	50,000 h (L80/B10)
Power consumption:	max. 14 W/m
Max. length at a stretch:	5 m
Dimmable:	PWM
Number of LEDs:	160 LED/m
Beam angle:	120°
Half-value angle:	70°
Mark:	CE
Degree of protection:	IP 20
Supply lead:	1800 mm
Plug connector:	Mini connector MP2

Light distribution diagram 70° - measured in black room

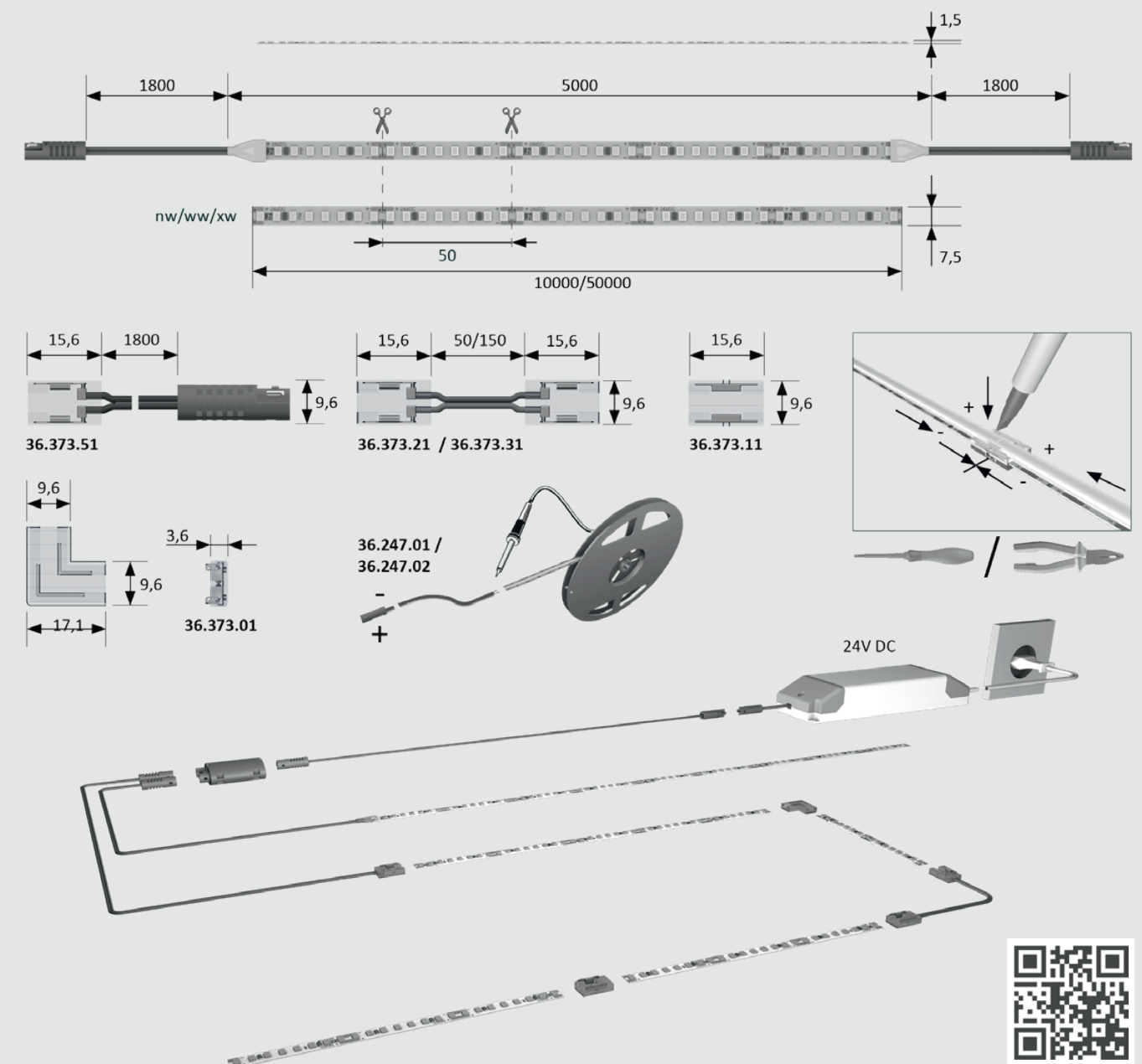


Light box



Assembly drawing

Can be shortened individually





Versa Fix 4x6

Advantages

- Flush mounting possible
- Lateral bending direction (see drawing)
- Evenly illuminated area
- Can be individually shortened every 25 mm

Features

- Supply lead on both sides (one section, two lights), see drawing
- Suitable for damp locations
- Light levels and scale markings as per Versa Fix 4x6 12 Volt

Examples of use

- Extra narrow cabinet interior lighting
- Decorative surfaces with visible curves
- Round counters

Order information

- Manufacturing tolerances in width must be taken into account when milling
- For light colour MultiWhite, MultiWhite accessories are required

Versa Fix 4x6 24VDC

	MultiWhite	XtraWarm	WarmWhite	NeutralWhite
1200 mm (max. 8.6 W)	56 063 31	56 063 41	56 063 11	56 063 01
3000 mm (max. 18 W)	56 063 32	56 063 42	56 063 12	56 063 02
5000 mm (max. 30 W)	56 063 33	56 063 43	56 063 13	56 063 03

Accessories

Ballast 20 W with Euro flat plug (1-way MP2 + 9-way M2)	31 062 01
Ballast 40 W with Euro flat plug (1-way MP2 + 9-way M2)	31 063 01
M2 extension lead 2000 mm	36 768 16
MP2 to M2 adapter and 9-way distributor	31 029 41
MultiWhite colour change adapter XW/CW	39 304 50

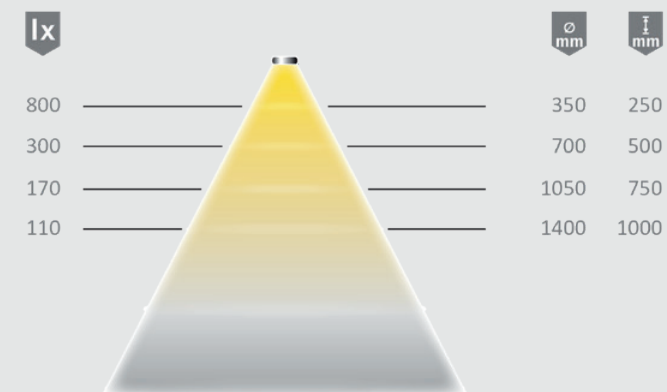
Technical details



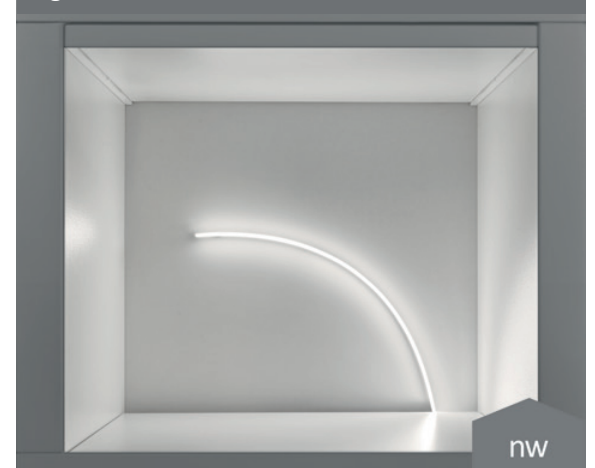
Luminaire type: Recessed light
Type of lighting: Accent lighting
Surface finish: White
Operating voltage: 24 Volt DC
Light colour: NeutralWhite / WarmWhite / MultiWhite / XtraWarm

Colour reproduction: > 93 Ra; R9 > 60
Luminous flux: 400 - 450 lm/m
Efficiency lamp: max. 75 lm/W
Life span: 60,000 h (L80/B10)
Power consumption: max. 7.2 W
Max. total length in one piece: 5 m
Dimmable: PWM
Beam angle: 120°
Half-value angle: 70°
Mark: CE
Degree of protection: IP 65
Supply lead: 1800 mm
Plug connector: Mini connector M2

Light distribution diagram 70° - measured in black room

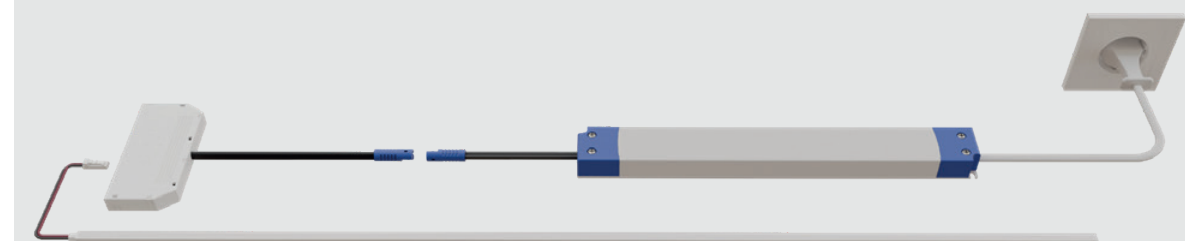
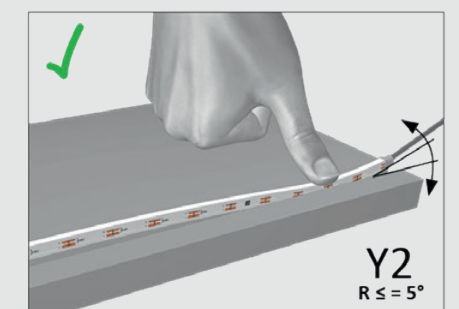
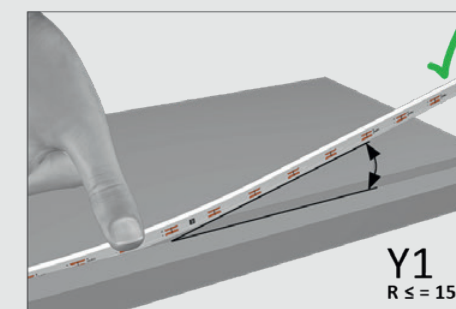
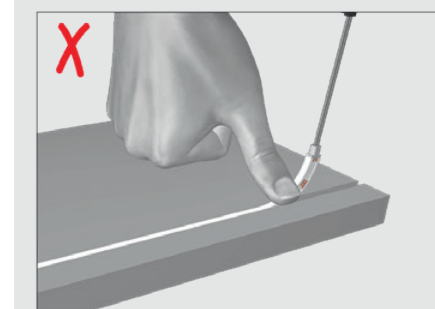
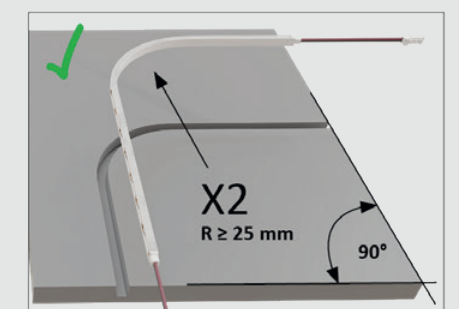
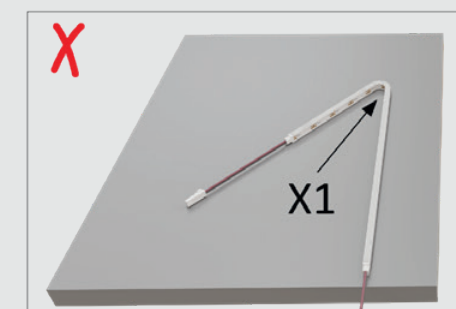
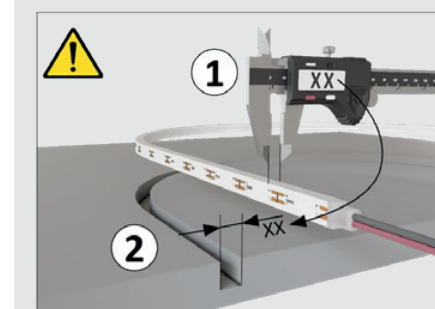
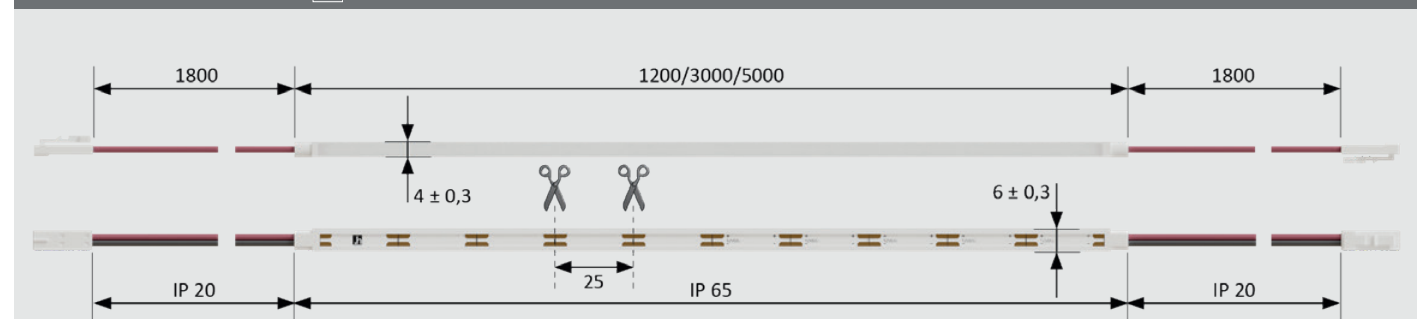


Light box



Assembly drawing

Can be shortened individually



Versa Fix 8x12 MaxiColor

- Advantages

 - ▶ Bright light with adjustable colour change plus warm white (RGB-W)
 - ▶ Lateral bending direction (see drawing)
 - ▶ Pleasant rainbow colour spectrum with pastel colours
 - ▶ Can be individually cut to length
- Examples of use

 - ▶ Round counters
 - ▶ Decorative surfaces with visible curves
 - ▶ Mood lighting in edges, plinths, panels and profiles
- Features

 - ▶ Setting a fixed light colour possible, even after a power failure (memory function)
 - ▶ The MaxiColor repeater can control additional lights synchronously
 - ▶ Control of the light colour with radio remote control S-Mitter MaxiColor (4 light scenes)
- Order information

 - ▶ S-Mitter remote control and Smart receiver must be ordered separately

Versa Fix 8x12 MaxiColor

	MaxiColor
1200 mm (max. 17 W)	56 067 03
3000 mm (max. 42 W)	56 067 02
5000 mm (max. 70 W)	56 067 01

Accessories

3-way distributor MaxiColor 24VDC RGBW	36 852 07
Ballast 150 W with Euro flat plug (MP2)	30 017 11
Ballast 75 W with Euro flat plug (MP2)	31 017 01
DALI MaxiColor DALI2 DT8 120 W	31 041 82
Extension set MaxiColor, 1800 mm	36 852 99
Repeater MaxiColor (max. 150 W)	30 263 52
S-Mitter Smart remote control MaxiColor*	31 132 01
Smart receiver MaxiColor (max. 120 W)*	31 133 02

Technical details



- Luminaire type:

Type of lighting:

Surface finish:

Operating voltage:

Light colour:

Power consumption:

Life span:

Max. length at a stretch:

Beam angle:

Half value angle:

Mark:
- Recessed light

Accent lighting

White

24 Volt DC

MaxiColor

max. 14 W/m

60,000 h (L80/B10)

5 m

120°

70°

CE
- Degree of protection:

Supply lead:

Plug connector:
- IP 65

1800 mm

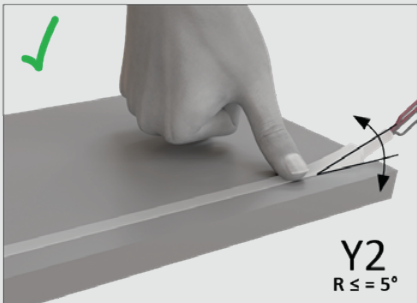
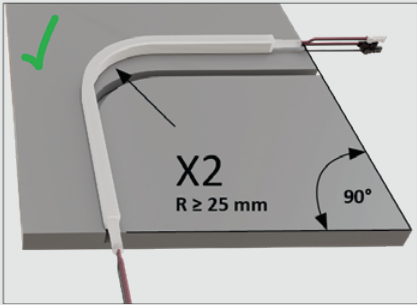
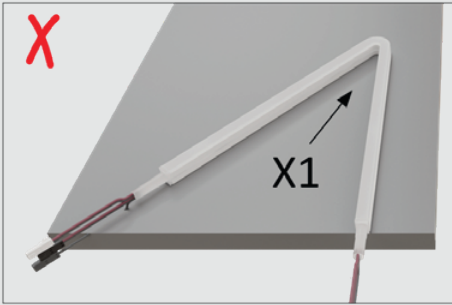
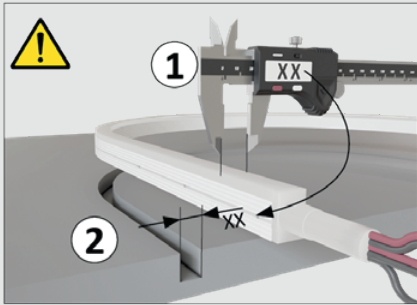
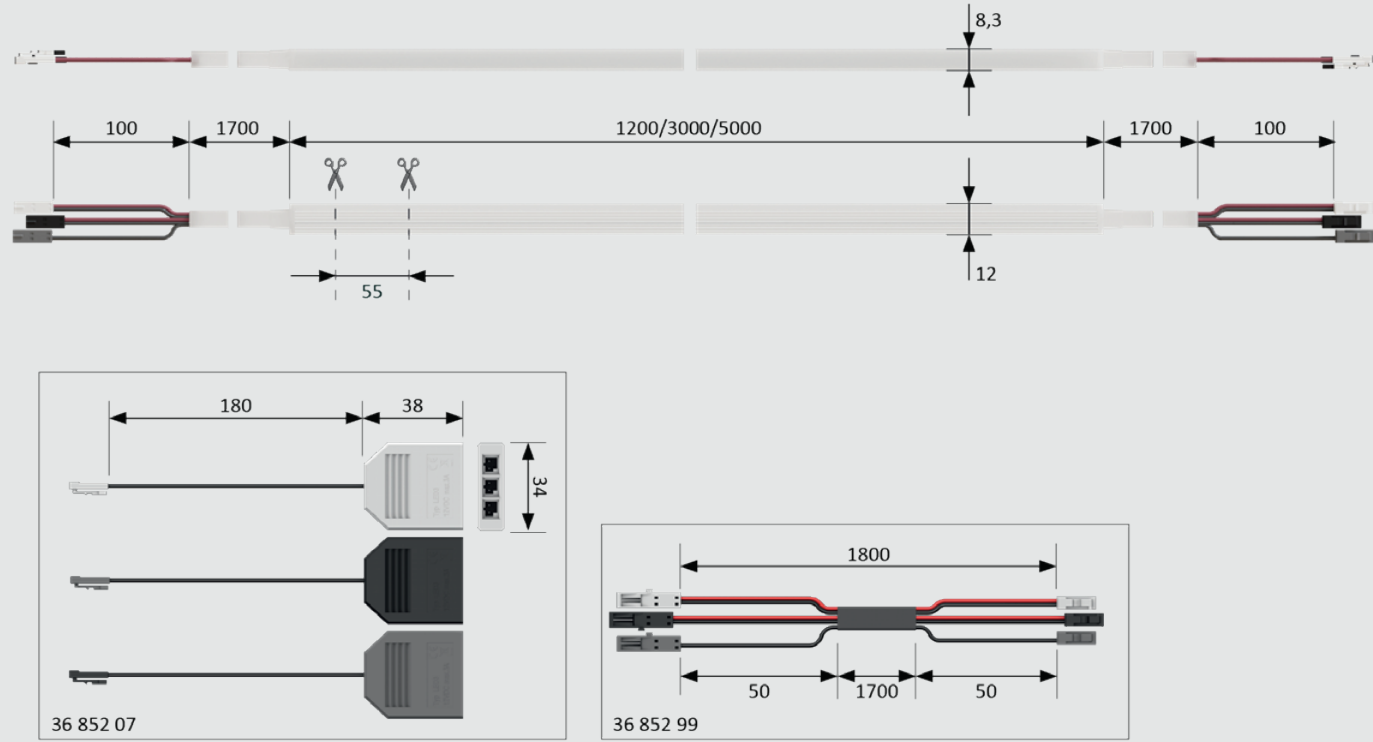
System-specific



- Zigbee controller for controlling lights
- Uses the Zigbee 3.0 protocol
 - Supports Zigbee TouchLink
 - Adding devices to the self-configurin Zigbee Touchlink network possible
 - Compatibel with Zigbee Gateway universal products
 - Compatibel with Zigbee universal remote controls

* Can be integrated into the Smart Home using Zigbee 3.0

Assembly drawing Can be shortened individually





Versa Inside MaxiColor PnP

Product advantages

- ▶ Bright light with adjustable colour change plus warm white (RGB-W)
- ▶ Creates a feel-good atmosphere through adjustable colour flow
- ▶ Pleasant rainbow colour spectrum with pastel colours

Features

- ▶ Setting a fixed light colour possible, even after a power failure (memory function)
- ▶ The MaxiColor repeater can be used to control additional lights synchronously

Application

- ▶ Must be used with aluminium profiles
- ▶ Mood lighting in edges, plinths, panels and profiles
- ▶ Corporate colour in marketing and company logos

Order information

- ▶ S-Mitter remote control and Smart Receiver must be ordered separately

Versa Inside MaxiColor PnP

	MaxiColor
3000 mm (max. 57.6 W)	56 029 02
5000 mm (max. 96 W)	56 029 01

Accessories

S-Mitter Smart Remote Control MaxiColor*	31 132 01
Smart Receiver MaxiColor (max. 120 W)*	31 133 02
DALI dimming module MaxiColor (max. 120 W)	31 041 82
Ballast 150 W with Euro flat plug (MP2)	30 017 11
Ballast 75 W with Euro flat plug (MP2)	31 017 01
MaxiColor 3-way distributor set 180 mm	36 852 07
Extension set MaxiColor, 1800 mm	36 852 99
Repeater MaxiColor (max. 150 W)	30 263 52

Technical details



Luminaire type:	Surface mounted light
Type of lighting:	Accent lighting
Surface finish:	White
Operating voltage:	24 Volt DC
Light colour:	MaxiColor
Life span:	50,000 h (L80/B10)
Power consumption:	max. 19.2 W/m
Max. length at a stretch:	5 m
Beam angle:	120°
Half value angle:	70°
Test marks and symbols:	CE
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	System-specific



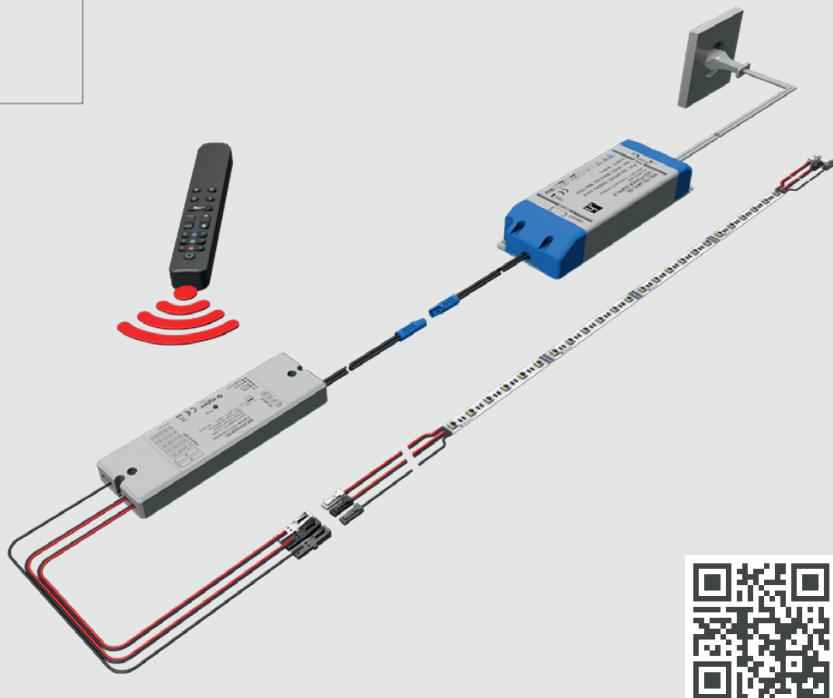
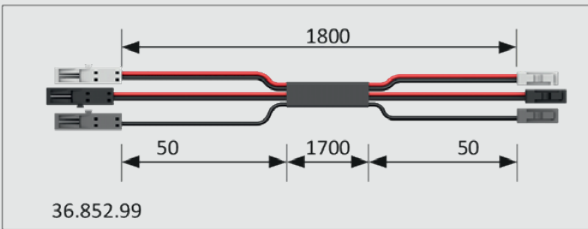
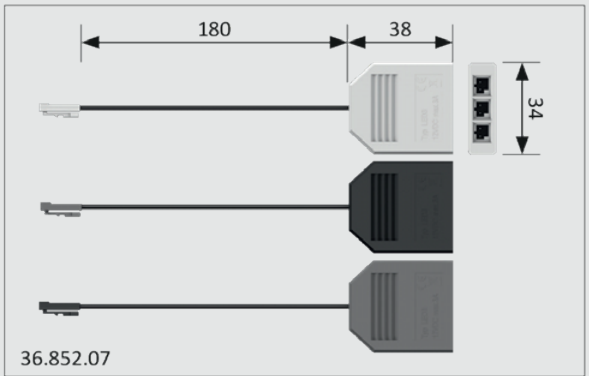
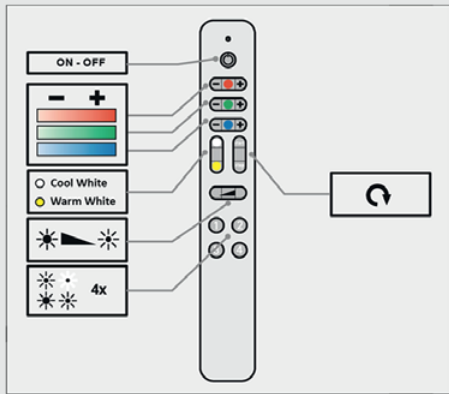
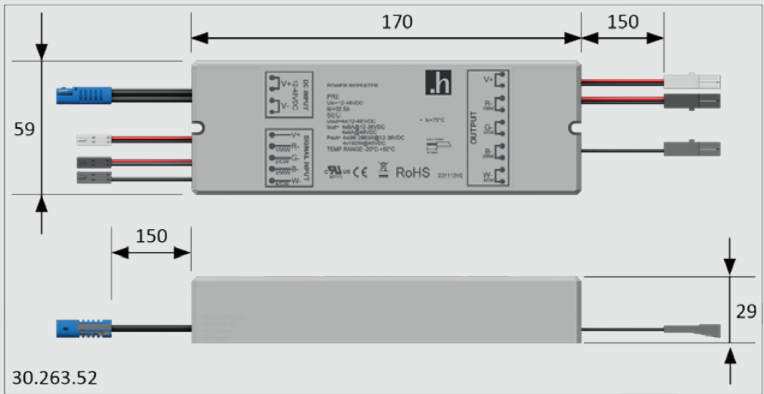
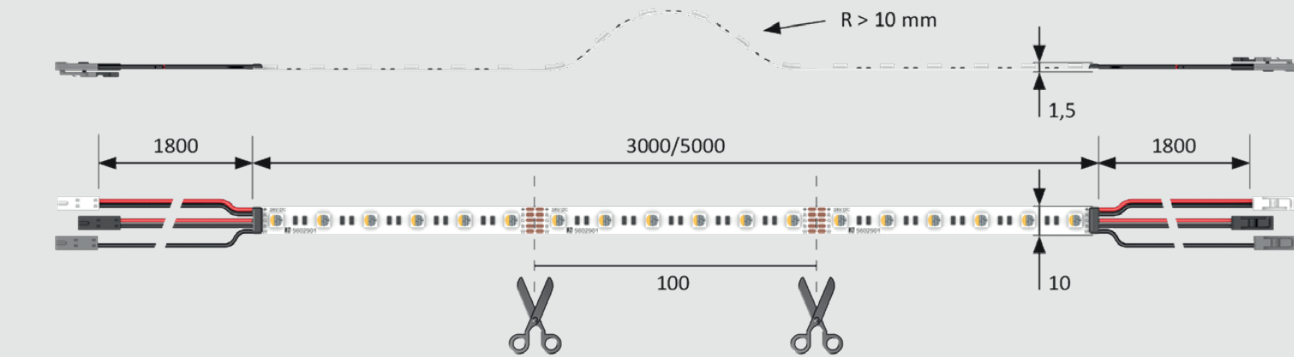
Zigbee controller for controlling lights

- Uses the Zigbee 3.0 protocol
- Supports Zigbee TouchLink
- Adding devices to the self-configurin Zigbee Touchlink network possible
- Compatibel with Zigbee Gateway universal products
- Compatibel with Zigbee universal remote controls

* Can be integrated into the Smart Home using Zigbee 3.0

Assembly drawing

Can be shortened individually





Versa Linear MaxiColor

Product advantages

- ▶ Bright light with adjustable colour change plus warm white (RGB-W)
- ▶ Creates a feel-good atmosphere through adjustable colour flow
- ▶ Pleasant rainbow colour spectrum with pastel colours
- ▶ Bright light with adjustable light colour plus warm white (RGB-W)

Features

- ▶ Setting a fixed light colour possible, even after a power failure (memory function)
- ▶ The MaxiColor repeater can control additional lights synchronously
- ▶ Control of the light colour with radio remote control S-Mitter MaxiColor (4 light scenes)

Versa Linear MaxiColor

	MaxiColor
3000mm (max. 45 W)	56 037 02
5000 mm (max. 75 W)	56 037 01

Accessories

S-Mitter Smart Remote Control MaxiColor*	31 132 01
Smart Receiver MaxiColor (max. 120 W)*	31 133 02
DALI dimming module MaxiColor (max. 120 W)	31 041 82
Ballast 150 W with Euro flat plug (MP2)	30 017 11
Ballast 75 W with Euro flat plug (MP2)	31 017 01
MaxiColor 3-way distributor set 180 mm	36 852 07
Extension set MaxiColor, 1800 mm	36 852 99
Repeater MaxiColor (max. 150 W)	30 263 52

Technical details



Luminaire type:	Surface mounted light
Type of lighting:	Accent lighting
Surface finish:	White
Operating voltage:	24 Volt DC
Light colour:	MaxiColor
Life span:	50,000 h (L80/B10)
Power consumption:	max. 15 W/m
Max. length at a stretch:	5 m
Beam angle:	120°
Half value angle:	70°
Test marks and symbols:	CE 
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	System-specific



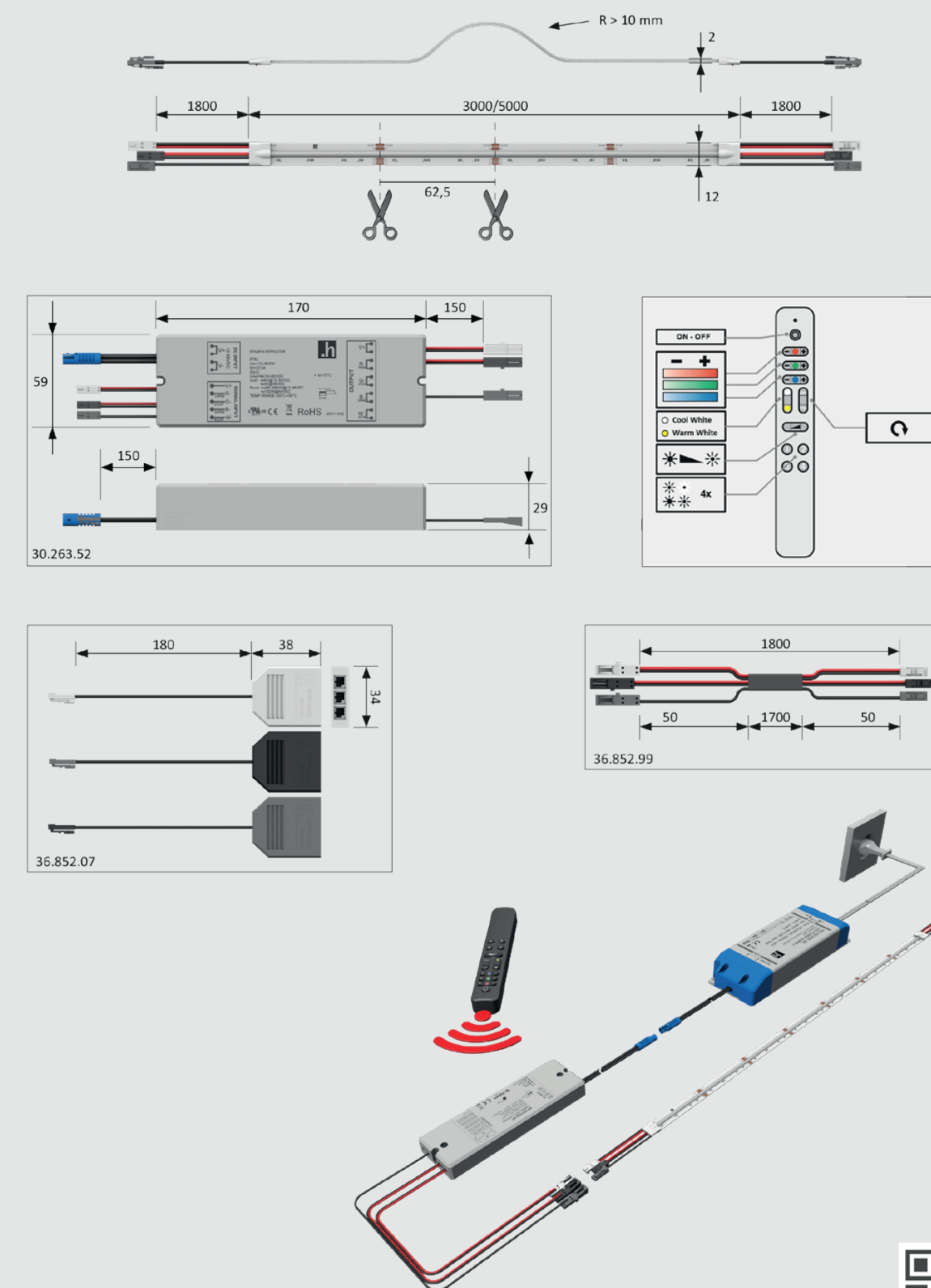
Zigbee controller for controlling lights

- Uses the Zigbee 3.0 protocol
- Supports Zigbee TouchLink
- Adding devices to the self-configuring Zigbee TouchLink network possible
- Compatible with Zigbee Gateway universal products
- Compatible with Zigbee universal remote controls

Assembly drawing



Can be shortened individually



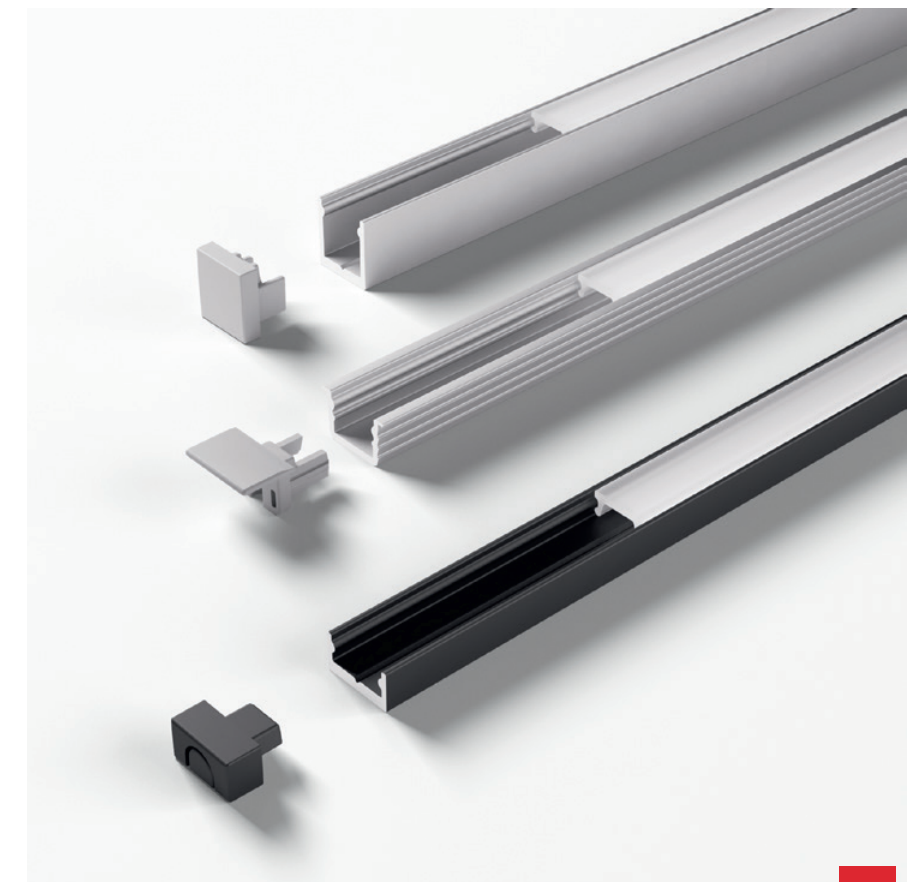
ChannelLine profiles

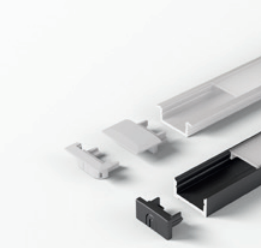
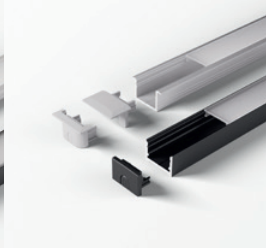
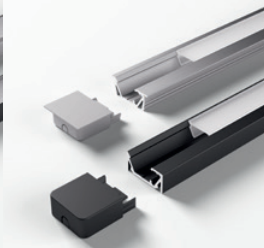
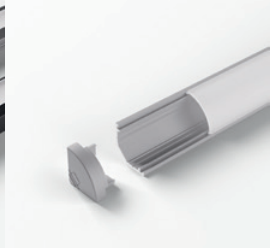
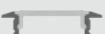
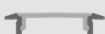
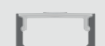
Perfect combinations

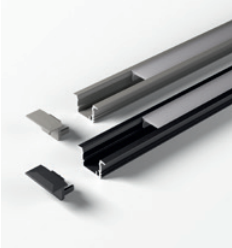
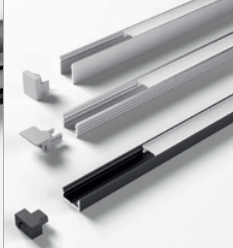
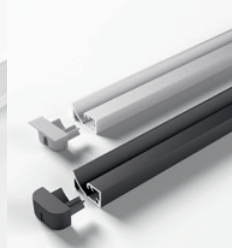
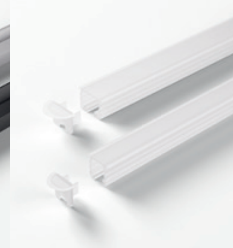
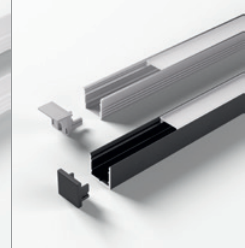
The high-quality profiles are available in a variety of options. Should it be built in? Should it be black? Should the light output be glare-free?

Our profiles are equipped with an opal cover. The light is scattered, thus avoiding glare. If the profile and tape are combined correctly, no LED light dots are visible. The special material of the covers changes the light colour of the LED only minimally. Due to the scattering effect, brightness is lost.

Dark cover - available separately for select models. Matches the black profile for a very modern look. However, the brightness and light colour are affected.



Overview of ChannelLine profiles				
Model	ChannelLine C / D	ChannelLine C2 / D2	ChannelLine G / G2	ChannelLine H
				
Page in the main catalogue	Page 68/70	Page 69/71	Page 76-77	Page 80
Advantages	High-quality flat built-in/surface-mounted profile; C with filigree profile bar; D for flush mounting	High-quality deep installation profile; C2 with filigree profile bar; D2 for flush mounting	Slanted light output; G for flush mounting; G2 with filigree profile bar	Mounting profile for the corner; Almost borderless illuminated surfaces; wide light emission
Applications	Cabinet interior lighting in the floor; kitchen niche or top; shelves	Cabinet interior lighting in the floor; Mirror frame lighting	Cabinet interior lighting; retrofitting in kitchen niches; product presentation on the sales shelf	Furniture corners; kitchen niches
Profile view	C:  D: 	C2:  D2: 	G:  G2: 	
30 cm profile sample	C: Aluminium 50 003 01 Black 50 004 01 D: Aluminium 50 005 01 Black 50 006 01	C2: Aluminium 50 001 01 Black 50 002 01 D2: Aluminium 50 007 01 Black 50 008 01	G: Aluminium 50 013 01 Black 50 014 01 G2: Aluminium 50 015 01 Black 50 016 01	50 020 01
30 cm opal cover sample	50 009 01	50 009 01	50 017 01	
Product in the web catalogue	C:  D: 	C2:  D2: 	 	

Overview of ChannelLine profiles					
ChannelLine K2	ChannelLine i / i2 / i3	ChannelLine F	ChannelLine S / S2	ChannelLine T2	ChannelLine U / U2
					
Page 81	Page 82-84	Page 85	Page 86-87	Page 88-89	Page 74-75
High-quality deep recessed profile; ideal for high-light applications	High-quality aluminium profile; i/i3 for flush mounting; i2 with filigree profile bar; i/i2 filigree profile for thin materials	Beam angle and homogeneity can be varied with the milling depth	Profile without cover; angled light output; recessed/surfacemounted profile	Recessed profile with filigree profile bar; glare-free light emission	High-quality aluminium profile; U for flush mounting; U2 with filigree profile bar
Niches; shelves; Top floors	Accent lighting in display cabinets or shelves	For milling into wood	Cabinet interior lighting as functional or accent lighting	Ideal for use in the kitchen; for lateral lighting in the niche	Wide beam interior cabinet lighting in the floor; shelves; kitchen niches and top floors
	i:  i2:  i3: 		S:  S2: 		U:  U2: 
STS-look 50 045 01 Black 50 046 01	i: Aluminium 50 021 01 Black 50 022 01 i2: Aluminium 50 023 01 Black 50 024 01 i3: Aluminium 50 025 01 50 026 01	50 012 01	S: Aluminium 50 038 01 Black 50 039 01 S2: Aluminium 50 040 01 Black 50 041 01 -	50 043 01	U: Aluminium 50 033 01 Black 50 034 01 U2: Aluminium 50 036 01 Black 50 037 01 50 035 01
	i:  i2:  i3: 		S:  S2: 		U:  U2: 



ChannelLine sample set

55 559 24

With this set you will receive samples of all profiles with covers and end caps in a handy felt roll under a single collection number.

Versa sample set

55 825 26

Included are ready-to-connect 30 cm pieces of Versa ShortCut, Versa Linear and Versa Fix 4x6 in 24 Volts, as well as clamp connectors and connecting cables.

Individual sample pieces

See lightcatalogue page 207

The individual 30 cm long samples of the profiles and covers can be found in the overview.

HALEMEIER sample sets

The perfect aid to sales.

What light colours and intensities do the Versa LED strips have in use?

How do the ChannelLine profiles in black and in aluminium look like?

Are diverse covers available for them?

It is very easy to answer all these questions during a sales discussion – with the HALEMEIER sample sets.

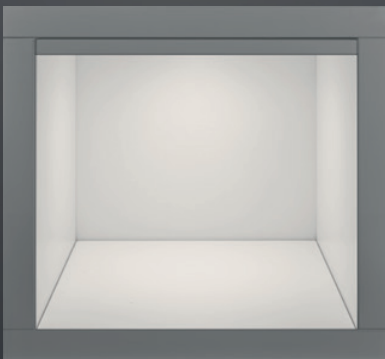
All HALEMEIER ChannelLine profiles and the 24 Volt Versa items that can be processed with them can be found in the sample sets. They show the diverse possibilities of the individual combination of profile and strip in a short and practical presentation.

The sets are available for a fee – your HALEMEIER contact person will be delighted to provide you with a sample set.



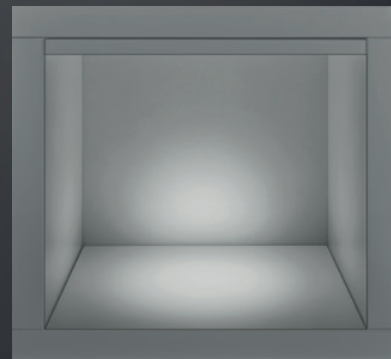
Wide beam LitePanel 68

The LitePanel 68 produces bright light – into the furthest corners of the furniture.



Spotted with MiniSpot 15

The MiniSpot sets decorations perfectly in scene, with an ideal interplay of light and shadow.



Spotlights

Outwardly small, but big in
luminosity

Our spotlights are small in size but big in performance: in relation to their size, they impress with excellent light output.

Built into ceilings or furniture, they shine with accentuated, focused or pointed light.



LitePanel 58

Advantages

- ▶ 100 % homogeneous luminous surface
- ▶ Low installation depth
- ▶ Modern lamp in a timeless design

Features

- ▶ Wide beam without shadows
- ▶ Recessed light with 58 mm installed diameter
- ▶ High light output in relation to size

Order information

- ▶ MultiWhite control for setting the colour required
- ▶ When a MultiWhite luminaire is connected directly to a ballast, the light colour is XtraWarmWhite
- ▶ For a kitchen niche or top floor, use at least 3 lights per meter

LitePanel 58

	MultiWhite	XtraWarm	WarmWhite	NeutralWhite
Black	32 363 35	32 363 35	32 363 15	32 363 05
Stainless steel look	32 363 39	32 363 39	32 363 19	32 363 09

Accessories

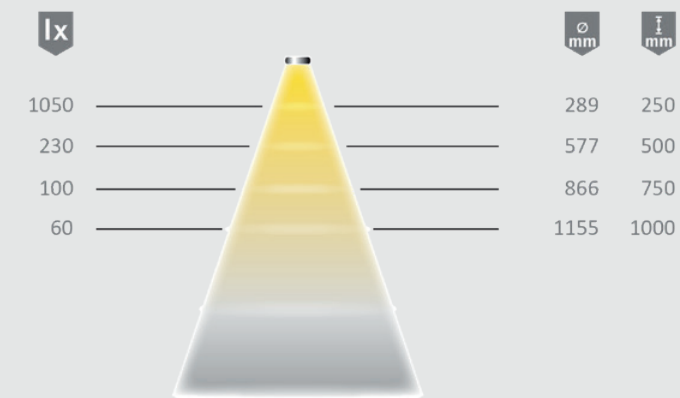
Ballast 20 W with Euro flat plug (1-way MP2 + 9-way M2)	31 062 01
M2 3-way distributor 180 mm	36 852 08
M2 6-way distributor 200 mm	36 122 14
M2 extension lead 2000 mm	36 768 16
MultiWhite colour change adapter XW/CW	39 304 50

Technical details

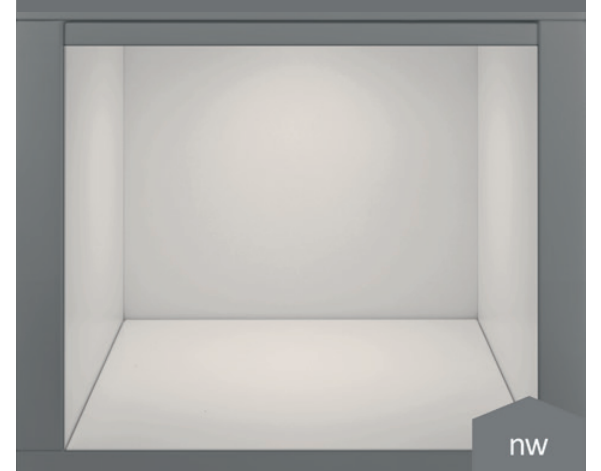


Luminaire type:	Recessed light
Type of lighting:	Functional/ accent lighting
Surface finish:	Black / Stainless steel look
Operating voltage:	24 Volt DC
Light colour:	NeutralWhite / WarmWhite / XtraWarm / MultiWhite
Colour reproduction:	> 90 Ra
Luminous flux:	200 lm
Efficiency lamp:	63 lm/W
Light source efficiency:	100 lm/W
Life span:	50,000 h (L80/B10)
Power consumption:	max. 3.2 W
Dimmable:	PWM
Beam angle:	90°
Half-value angle:	60°
Mark:	CE
Degree of protection:	IP 20
Installed diameter:	58 mm
Supply lead:	1800 mm
Plug connector:	Mini connector M2

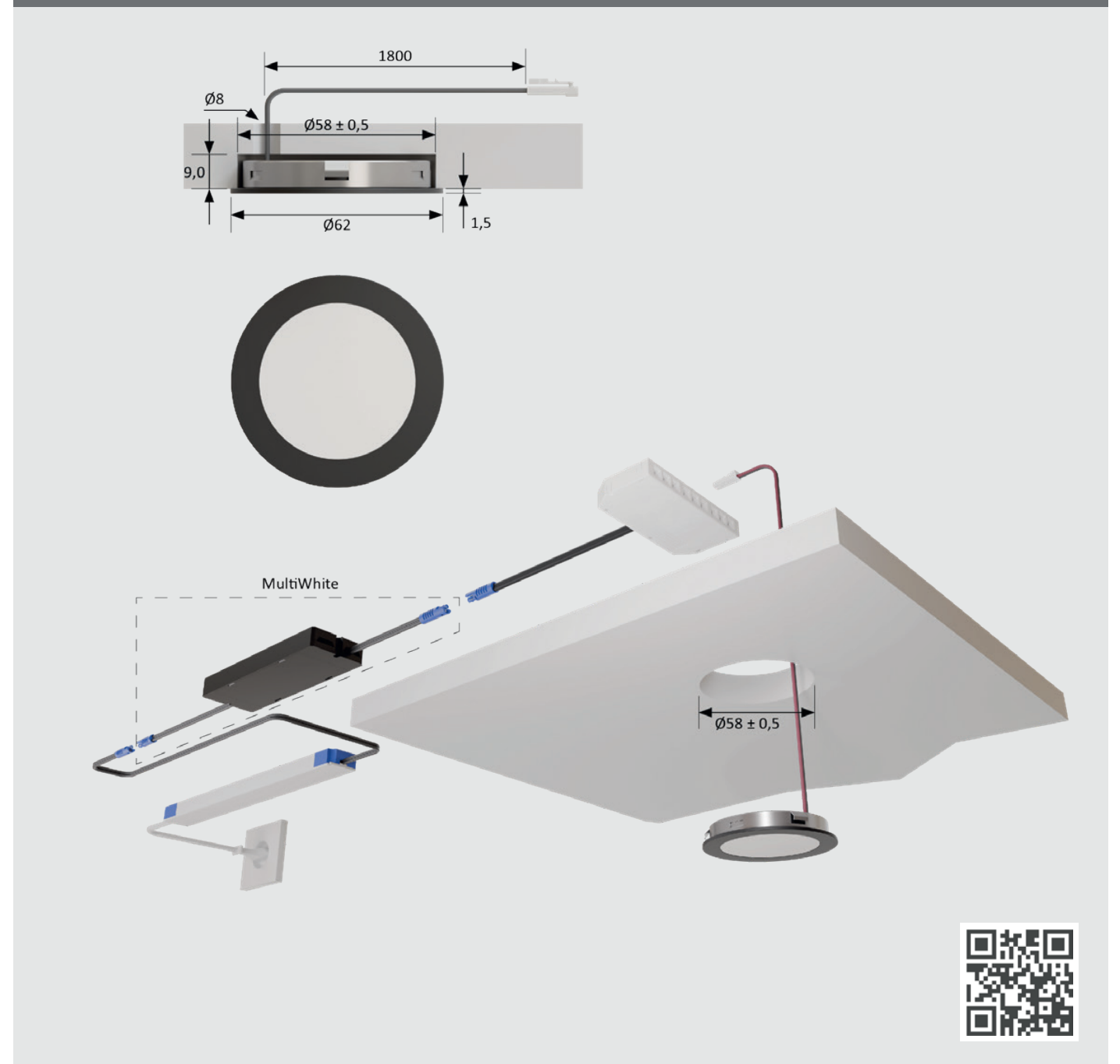
Light distribution diagram 60° - measured in black room



Light box



Assembly drawing





MoveSpot 40

Advantages

- Accentuation through swivelling light cone
- Can be used without glare
- Versatile
- Extra bright

Features

- Recessed light with 40 mm installed diameter
- 20° adjustment to side
- Focused light

Examples of use

- Shelves
- Display cabinets
- Furniture halo lighting

Order information

- When a MultiWhite luminaire is connected directly to a ballast, the light colour is XtraWarmWhite
- For light colour MultiWhite, MultiWhite accessories are required

MoveSpot 40

	MultiWhite	XtraWarm	WarmWhite
Black	32 361 35	32 361 35	32 361 15
Aluminium	32 361 36	32 361 36	32 361 16

Accessories

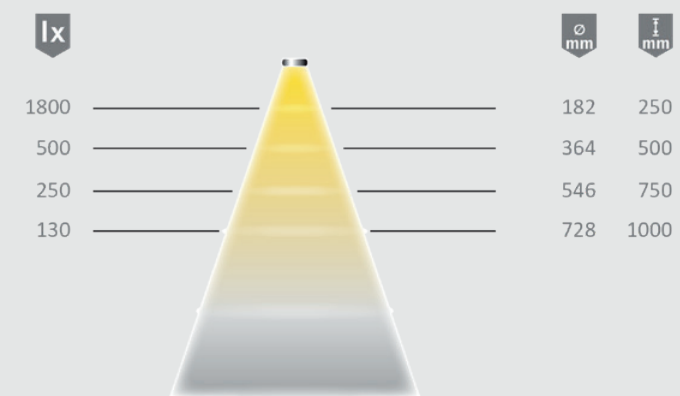
Ballast 20 W with Euro flat plug (1-way MP2 + 9-way M2)	31 062 01
M2 3-way distributor 180 mm	36 852 08
M2 6-way distributor 200 mm	36 122 14
M2 extension lead 2000 mm	36 768 16
MultiWhite colour change adapter XW/CW	39 304 50

Technical details

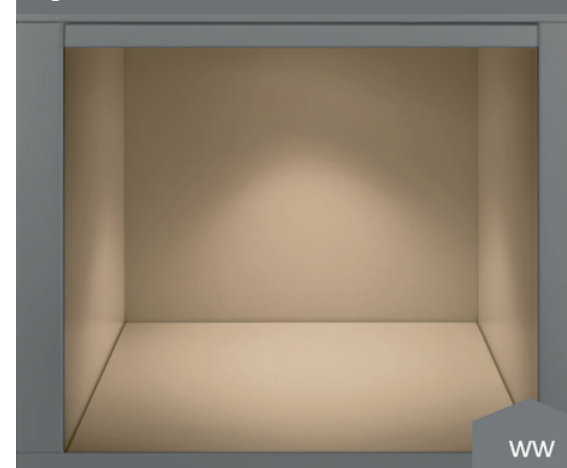


Luminaire type:	Recessed light
Type of lighting:	Functional/accent lighting
Surface finish:	Black / Aluminium
Operating voltage:	24 Volt DC
Light colour:	WarmWhite / XtraWarm / MultiWhite
Colour reproduction:	> 90 Ra
Luminous flux:	100 lm
Efficiency lamp:	56 lm/W
Light source efficiency:	83 lm/W
Life span:	50,000 h (L80/B10)
Power consumption:	max. 2.2 W
Dimmable:	PWM
Beam angle:	90°
Half-value angle:	40°
Mark:	CE
Degree of protection:	IP 44
Installed diameter:	40 mm
Supply lead:	1800 mm
Plug connector:	Mini connector M2

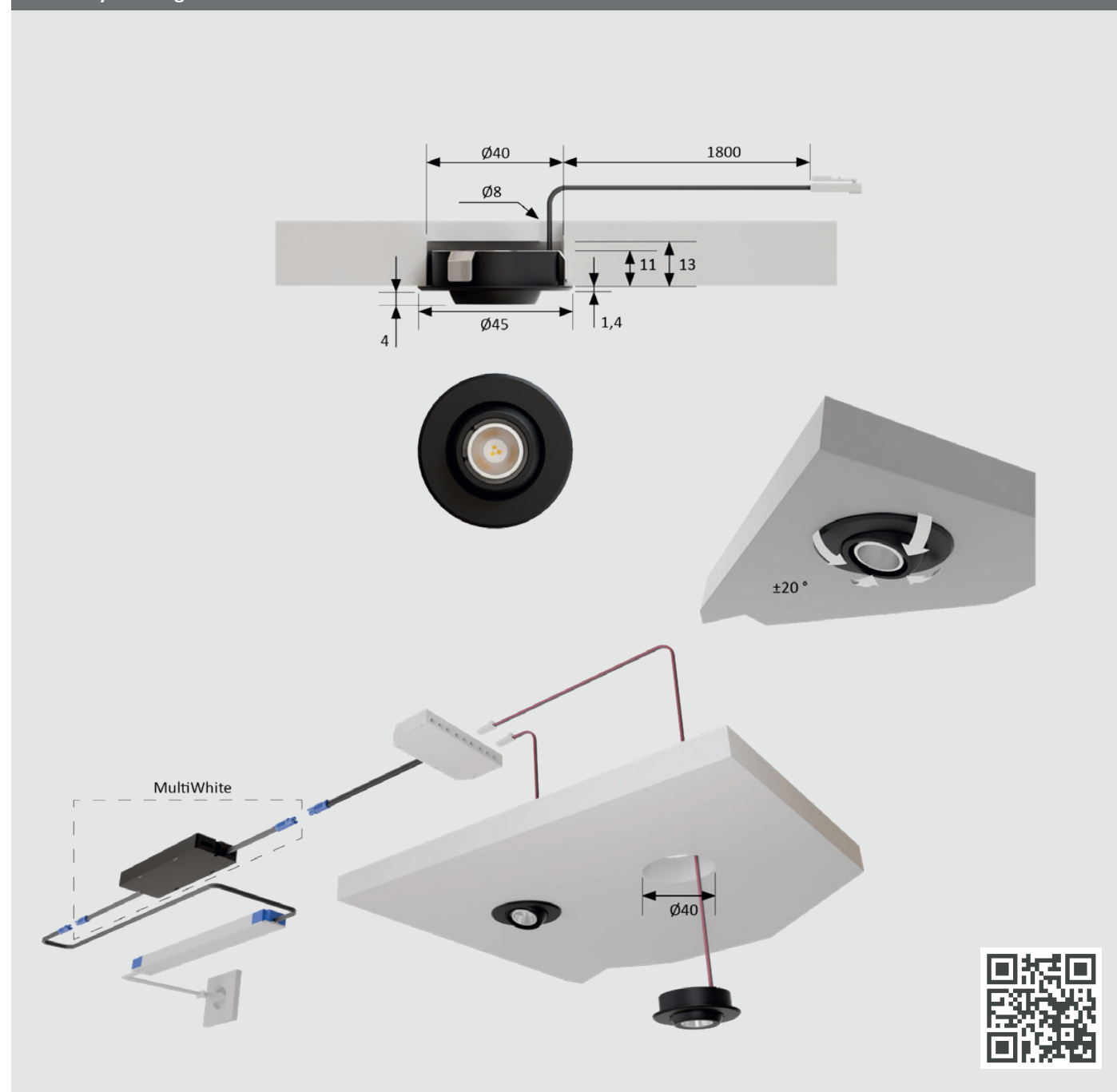
Light distribution diagram 40° - measured in black room



Light box



Assembly drawing





MiniSpot 15

Advantages

- Compact light

Features

- Only 15 mm installation diameter

Examples of use

- Shelves
- Display cabinets

Order information

- When a MultiWhite luminaire is connected directly to a ballast, the light colour is XtraWarmWhite
- For light colour MultiWhite, MultiWhite accessories are required

MiniSpot 15

	MultiWhite	XtraWarm	WarmWhite
Black	32 364 35	32 364 35	32 364 15
Stainless steel look	32 364 39	32 364 39	32 364 19

Accessories

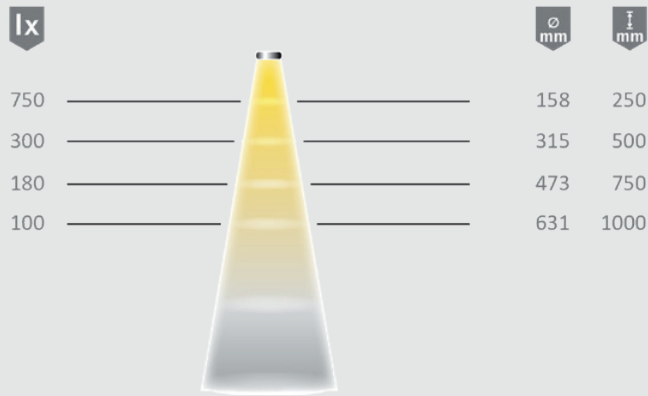
Ballast 20 W with Euro flat plug (1-way MP2 + 9-way M2)	31 062 01
M2 3-way distributor 180 mm	36 852 08
M2 6-way distributor 200 mm	36 122 14
M2 extension lead 2000 mm	36 768 16
MultiWhite colour change adapter XW/CW	39 304 50

Technical details

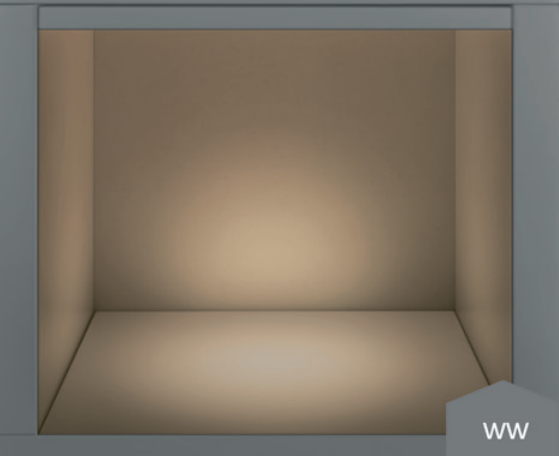


Luminaire type:	Recessed light
Type of lighting:	Accent lighting
Surface finish:	Black / Stainless steel look
Operating voltage:	24 Volt DC
Light colour:	WarmWhite / XtraWarm / MultiWhite
Colour reproduction:	> 90 Ra
Luminous flux:	70 lm
Efficiency lamp:	70 lm/W
Light source efficiency:	100 lm/W
Life span:	50,000 h (L80/B10)
Power consumption:	max. 1 W
Dimmable:	PWM
Beam angle:	50°
Half-value angle:	35°
Mark:	CE
Degree of protection:	IP 20
Installed diameter:	15 mm
Supply lead:	1800 mm
Plug connector:	Mini connector M2

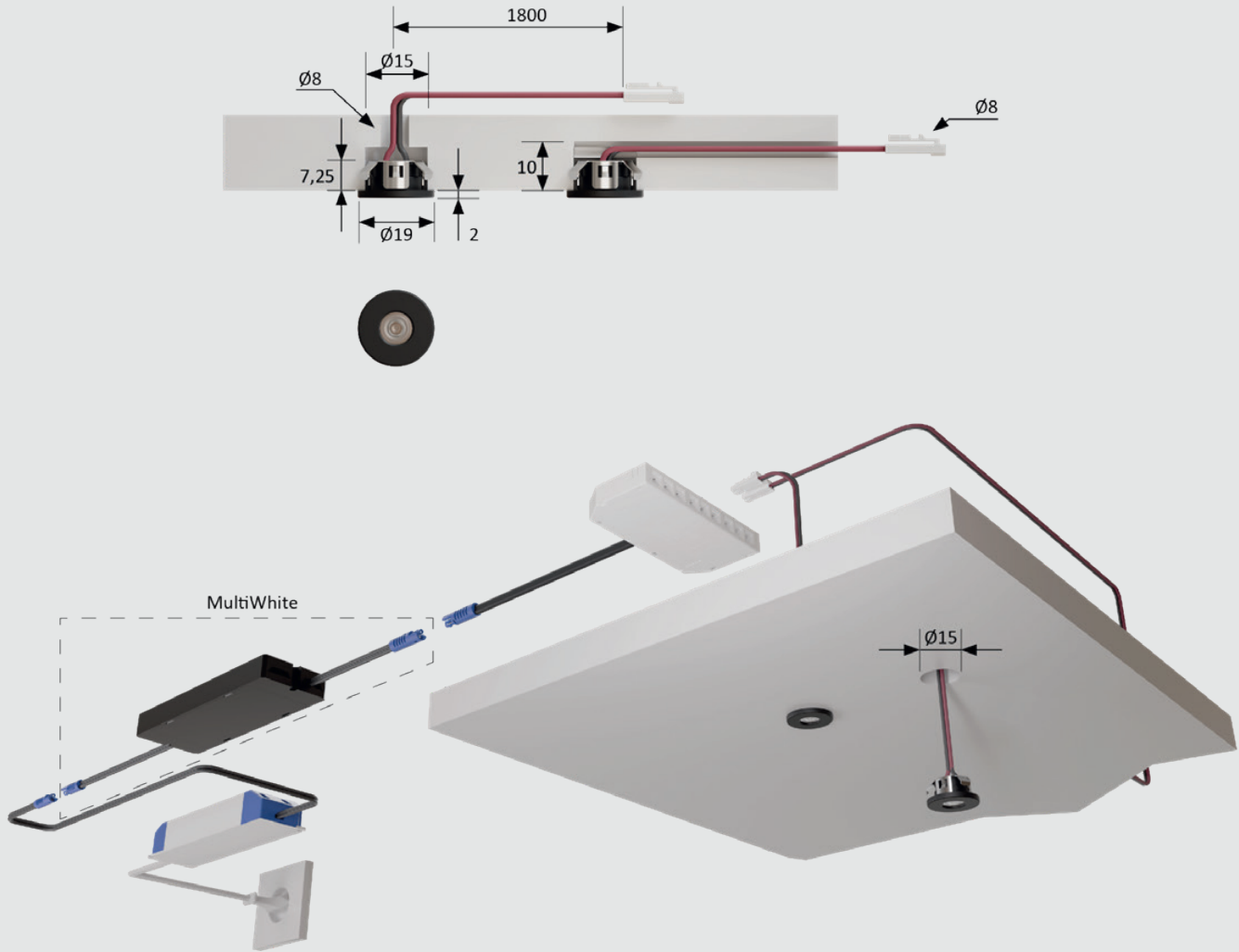
Light distribution diagram 35° - measured in black room



Light box



Assembly drawing





SideSpot 35

Advantages

- Accentuation by light from below/side
- Can be used without glare

Features

- Oblique light emission
- Recessed light with 35 mm installed diameter

Examples of use

- Shelves
- Display cabinets
- Cabinet sides and shelves

Order information

- MultiWhite control for setting the colour required
- When a MultiWhite luminaire is connected directly to a ballast, the light colour is XtraWarmWhite

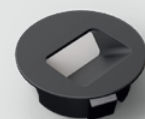
SideSpot 35

	MultiWhite	XtraWarm
Black	32 175 35	32 175 35

Accessories

Ballast 20 W with Euro flat plug (1-way MP2 + 9-way M2)	31 062 01
M2 3-way distributor 180 mm	36 852 08
M2 6-way distributor 200 mm	36 122 14
M2 extension lead 2000 mm	36 768 16
MultiWhite colour change adapter XW/CW	39 304 50

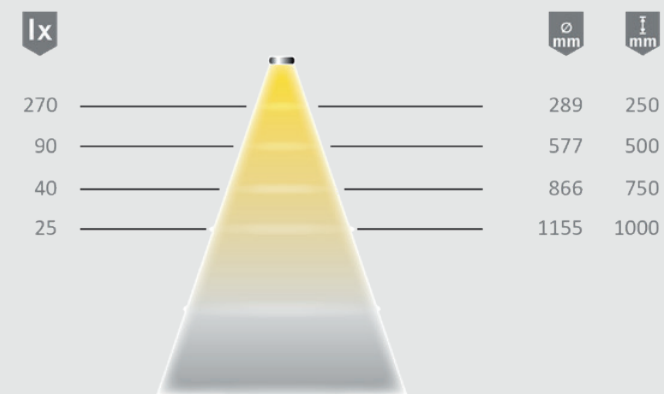
Technical details



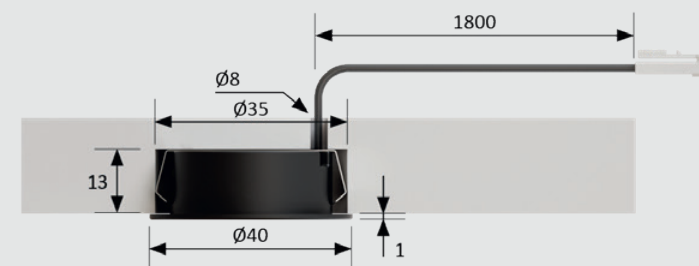
24 V

Luminaire type:	Recessed light
Type of lighting:	Functional/ accent lighting
Operating voltage:	24 Volt DC
Light colour:	XtraWarm / MultiWhite
Colour reproduction:	> 90 Ra
Luminous flux:	50 lm
Efficiency lamp:	36 lm/W
Light source efficiency:	45 lm/W
Life span:	50,000 h (L80/B10)
Power consumption:	max. 1.4 W
Dimmable:	PWM
Beam angle:	90°
Half-value angle:	60°
Mark:	CE
Degree of protection:	IP 20
Installed diameter:	35 mm
Supply lead:	1800 mm
Plug connector:	Mini connector M2

Light distribution diagram 60° - measured in black room



Assembly drawing





Switch systems

The right system for any installation

Gentle dimming of luminaires, suitable lighting scenes or lights that respond to movement.

Whether smart or conventional, our switching systems provide the right atmosphere at the right time.

However, our switching systems do not only work via Smart.home or remote control.

The light can also be switched on automatically using motion sensors or door contact switches.

Of course, they can also be operated with the push of a button.

You can easily operate your furniture lighting or integrate it into your smart home – without any particular technical skills.

All products and descriptions can be found in our main catalogue from page 132 onwards.



On the **magic** YouTube channel you will find detailed installation instructions for many switching technology products.

For example, smart home settings or different transmitter-receiver configurations. Check it out for step-by-step instructions and practical tips on how to use the switches and light controls.



Smart receiver

Simply switch smart – in every situation

Our Smart receivers enable simple and intelligent lighting control. They work independently with the Halemeier remote control via TouchLink or optionally in the Smart Home via Zigbee 3.0 in combination with many other devices from well-known manufacturers in the Zigbee Alliance.

The Smart receivers not only receive signals, but also synchronise them wirelessly with each other (mesh). This allows you to set up large lighting systems with several lighting circuits or receivers.

Each Smart receiver increases the range and stability of the overall system.



Zigbee controller for controlling lights

- Uses the Zigbee 3.0 protocol
- Supports Zigbee TouchLink
- Adding devices to the self-configuring Zigbee Touchlink network possible
- Compatible with Zigbee Gateway universal products
- Compatible with Zigbee universal remote controls



Microwave motion detector

- Advantages**

 - ▶ Motion sensor for drilling into place
 - ▶ Available with and without brightness detection
 - ▶ Works with smart receivers or in the smart home network
- Examples of use**

 - ▶ Ideal for walk-in wardrobes without fronts
- Features**

 - ▶ Version without brightness detection can also be installed concealed
 - ▶ Range approx. 2.5 m
 - ▶ Run-on time approx. 30 seconds
 - ▶ Brightness detection switches at 0-30 Lux
- Order information**

 - ▶ Can be connected to all 1-channel smart receivers
 - ▶ Connection to an electronic ballast required

Microwave motion detector

Motion detector with brightness detection	31 164 11
Motion detector without brightness detection	31 164 21

Accessories

Smart Receiver 12 Volt DC	31 100 01
Smart Receiver 24 Volt DC	31 102 01

Technical details

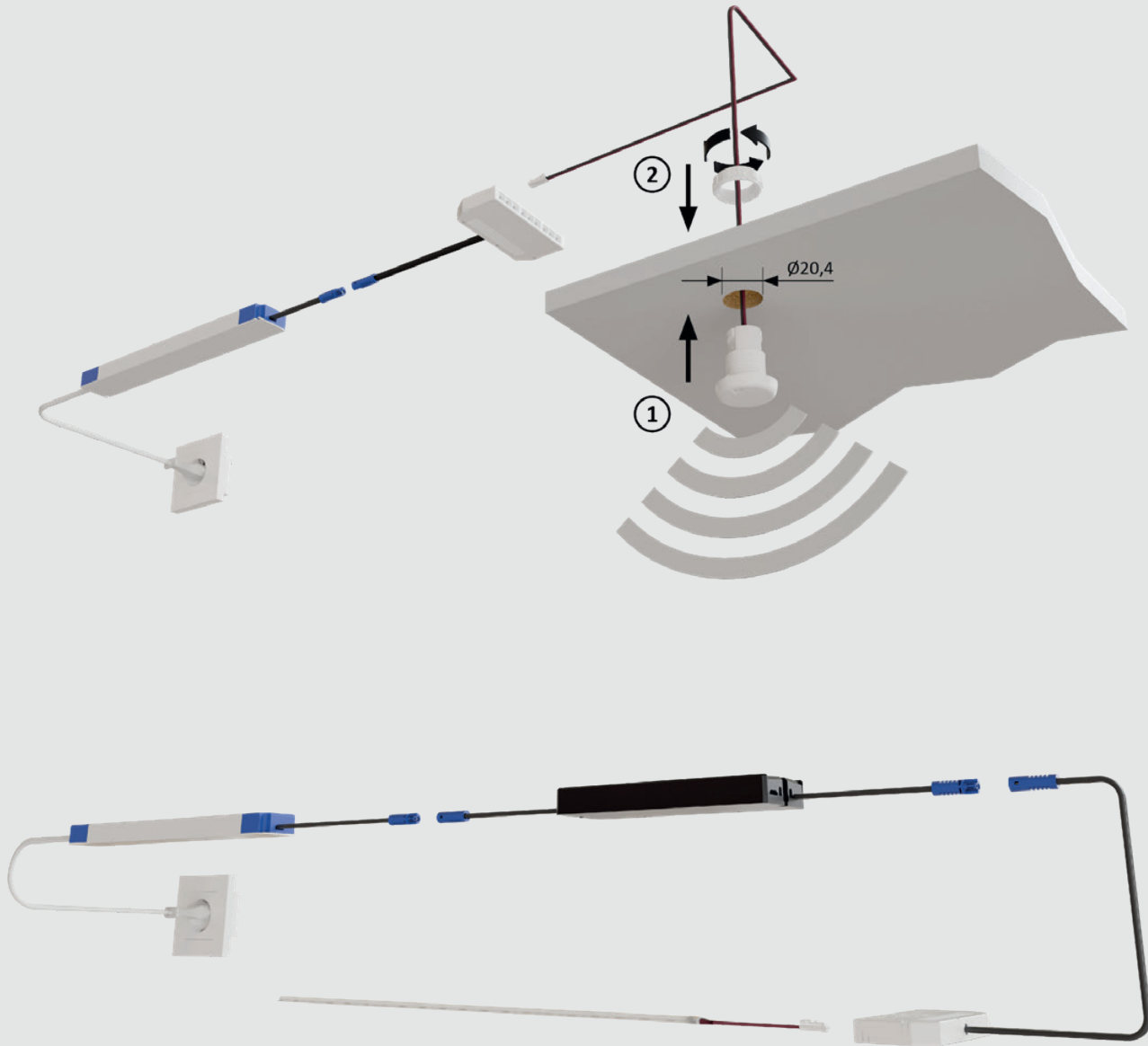
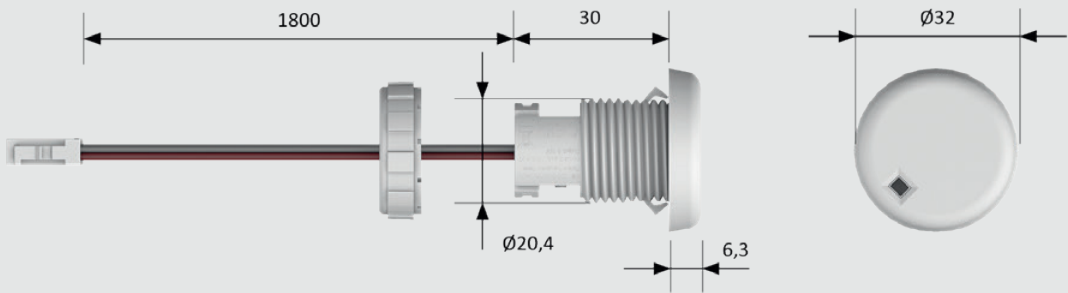


Surface finish: White
Operating voltage: 24 Volt DC
Mark: 
Supply lead: 1800 mm
Primary connector: Mini connector M2

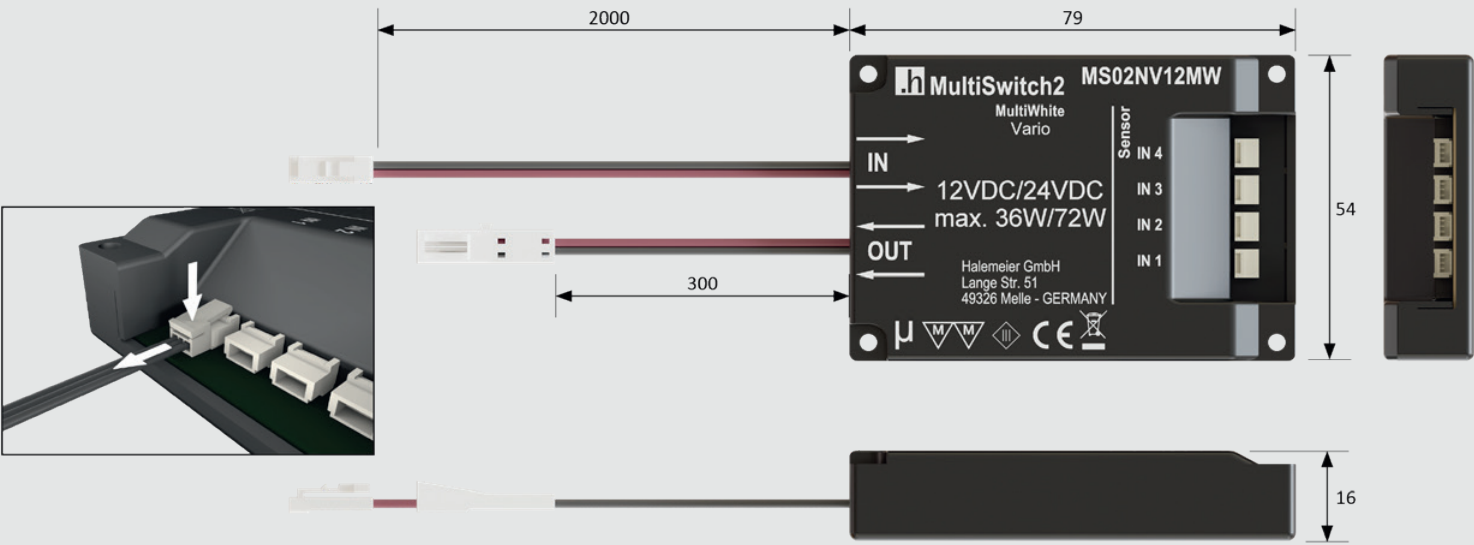


- Zigbee controller for controlling lights
- Uses the Zigbee 3.0 protocol
 - Supports Zigbee TouchLink
 - Adding devices to the self-configurin Zigbee Touchlink network possible
 - Compatibel with Zigbee Gateway universal products
 - Compatibel with Zigbee universal remote controls

Assembly drawing



Tutorials on installation and examples of use on YouTube; see page 55



MultiSwitch Master

- Advantages**

 - Connection of 1 to 4 identical sensors to 1 master unit
 - 8 sensor types to choose from
 - Automatic switch system
- Features**

 - Soft ON/OFF function (not at Vario)
 - Can be used in combination with dimmers and MultiWhite control systems (Vario only)
 - Memory function for power failure
- Examples of use**

 - Master unit for switching via sensors, e.g. as a door contact switch, a contactless sensor switch or a concealed dimmer switch
- Order information**

 - Please note: The Vario variant is only compatible with lights featuring M2 connectors.

Technical details



For use with: LED lights
Max. switching power: 24 Volt DC-120 W
Test marks and symbols: CE
Master unit supply lead: HV 3000 mm
NV 2000 mm
Switching lead: HV 150 mm
NV 300 mm
Standby: <0,5 W

MultiSwitch Master*

Master unit Vario 24 Volt DC - 72 W M2	30 145 02
Master unit 24 Volt DC - 120 W MP2	30 143 01

Accessories



MultiSwitch MagicSwitch

30 161 01

- Mounted on the back of the panel or incorporated into a 35 mm blind hole, the MagicSwitch detects the contact of the surface on the front of the panel and switches
- The MagicSwitch only works in conjunction with non-metallic surfaces and materials such as wood, glass and ceramics up to a material thickness of 19 mm

Accessories



- MultiSwitch contact for drilling in, aluminium look, 8mm diameter 30 150 51
- MultiSwitch contact for drilling in, black, 8mm diameter 30 150 55
- MultiSwitch contact for screwing on, aluminium look 30 151 01
- MultiSwitch contact for screwing on, black 30 151 05

- Door contact switch or touchless sensor switch (surface-mounted infrared sensor)
- The switch is perfectly installed in the subfloor above a work surface



- MultiSwitch Magnet for insertion into pot holes, 35mm diameter 30 162 01
- MultiSwitch Magnet for drilling in, aluminium look 30 156 01
- MultiSwitch Magnefor drilling in, black 30 156 05

- Door contact switch
- Can be used behind edges
- Magnet included in delivery



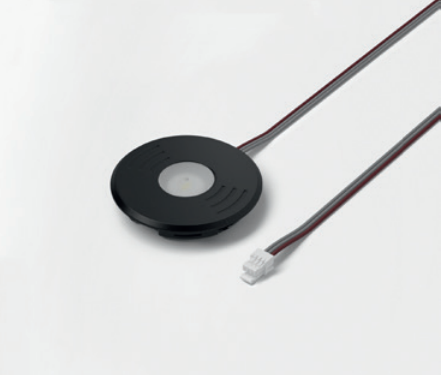
- MultiSwitch PIR for surface mounting, aluminium look 30 152 01
- MultiSwitch PIR for surface mounting, black 30 152 05

- Ideal for walk-in wardrobes without fronts
- Problem solver for furniture in which no magnet or IR sensor can be used
- Responds to heat and movement



- MultiSwitch push button for drilling in 30 153 05

- As push button with and without dimming function
- As on/off switch as well as toggle switch
- Switching and dimming at 12/24 Volt DC
- Dimming function can be switched off



- MultiSwitch Touch for installation incl. mounting housing, aluminium I. 30 154 01
- MultiSwitch Touch for installation incl. mounting housing, black 30 154 05

- As touch button with or without dimming function
- As on/off switch as well as toggle switch
- Switching and dimming at 12/24 Volt DC

* Further MultiSwitch Master units and information about the system can be found in the main catalogue from page 160 onwards



Mini rocker switch

Advantages

- ▶ Extra small built-in switch
- ▶ Very easy handling

Features

- ▶ Only requires an 8 mm hole for the connection cable

Examples of use

- ▶ Also suitable for front-side installation in furniture tunnels

Mini rocker switch

Mini built-in rocker switch 24 Volt DC black

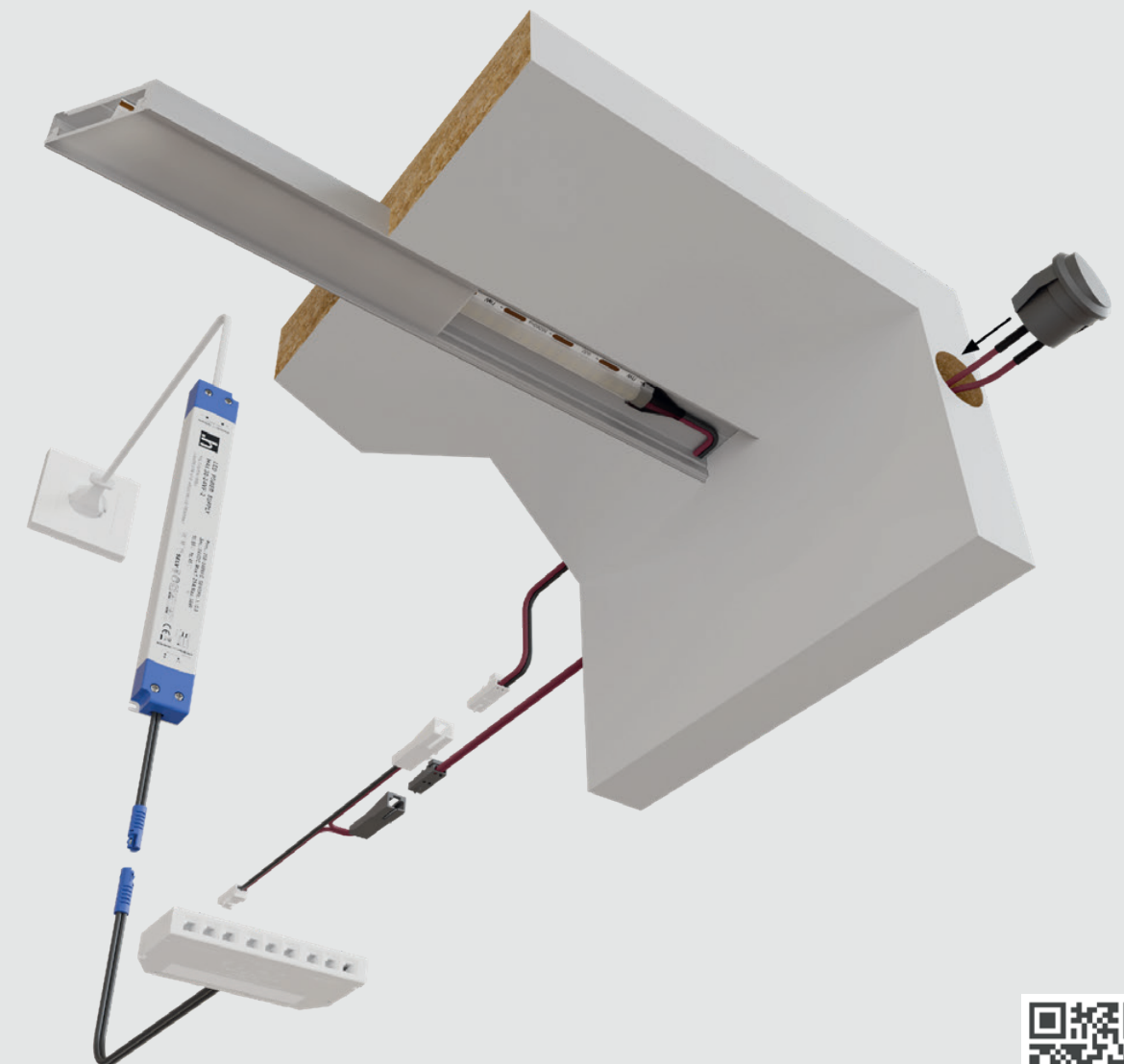
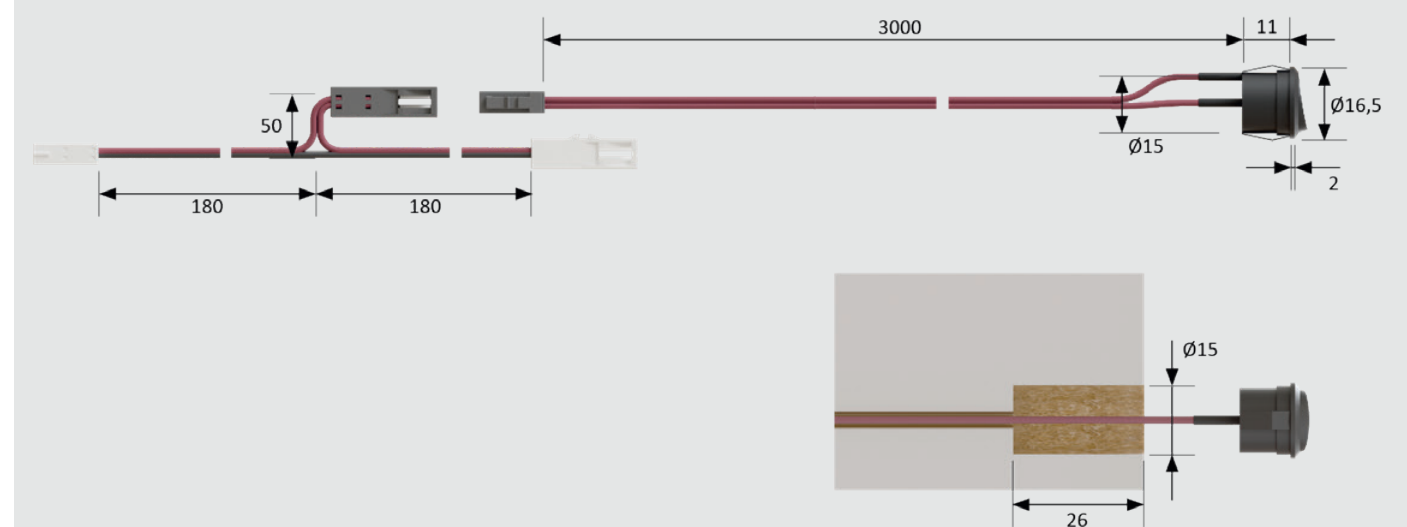
36 974 72

Technical details



Surface finish:	Black
Operating voltage:	24 Volt DC
Switching capacity:	72 W
Mark:	CE
Supply lead:	3000 mm
Primary connector:	Mini connector M2
Line output:	3000 mm
Secondary connector:	Mini connector M2

Assembly drawing





Dimming module DALI

Advantages

- Enables connection to home automation
- Can be used with all PWM dimmable magic lights

Features

- For use with Dali control systems
- Interface to bus/house installation
- Dali is not a bus system, but a protocol for digital control of lights

Dimming module DALI

DALI - 24 Volt DC mw	DALI2 DT8 120 W	31 041 33
DALI - 24 Volt DC	DALI1 DT6 150 W	31 041 02
DALI MaxiColor	DALI2 DT8 120 W	31 041 82

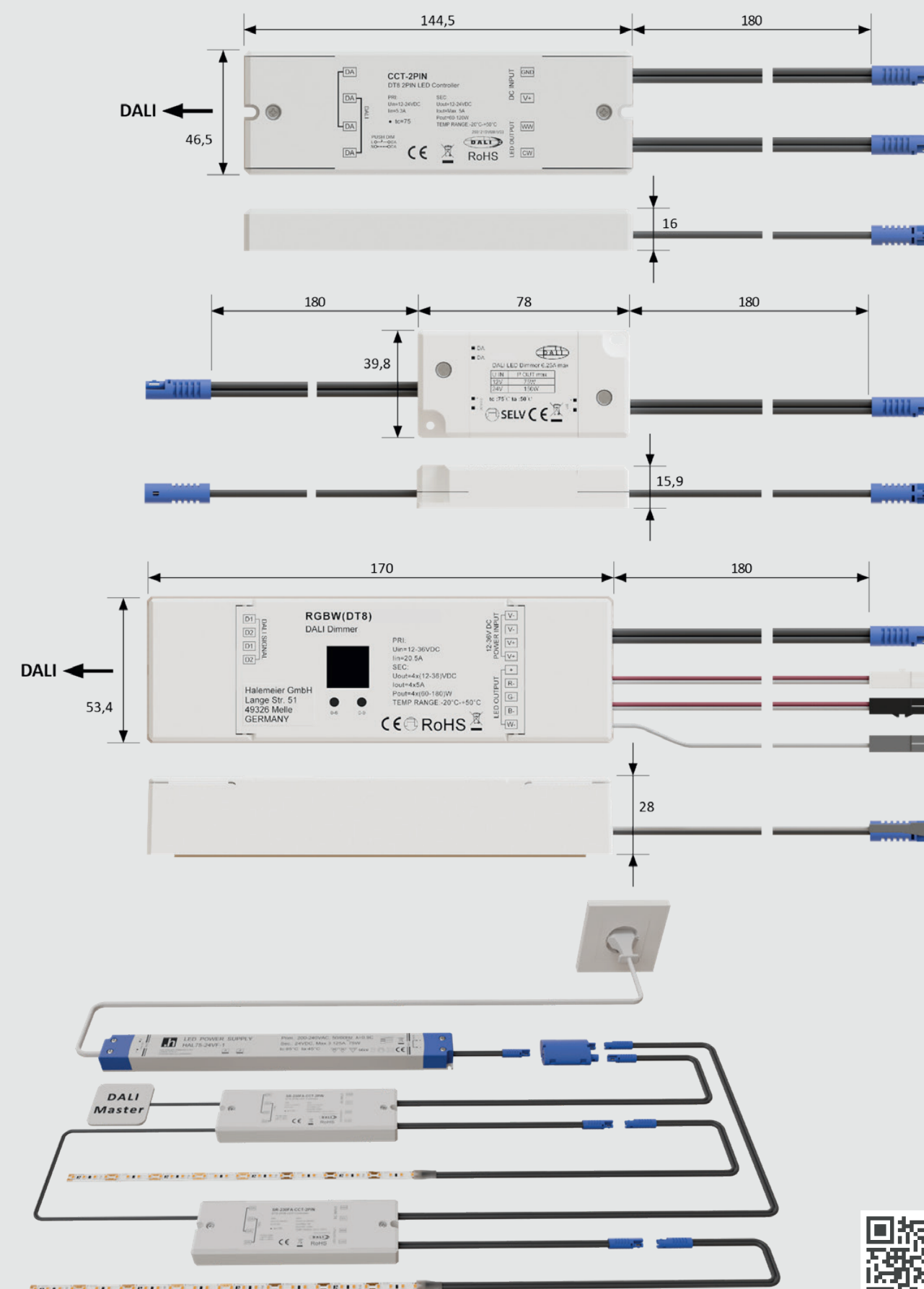
Technical details

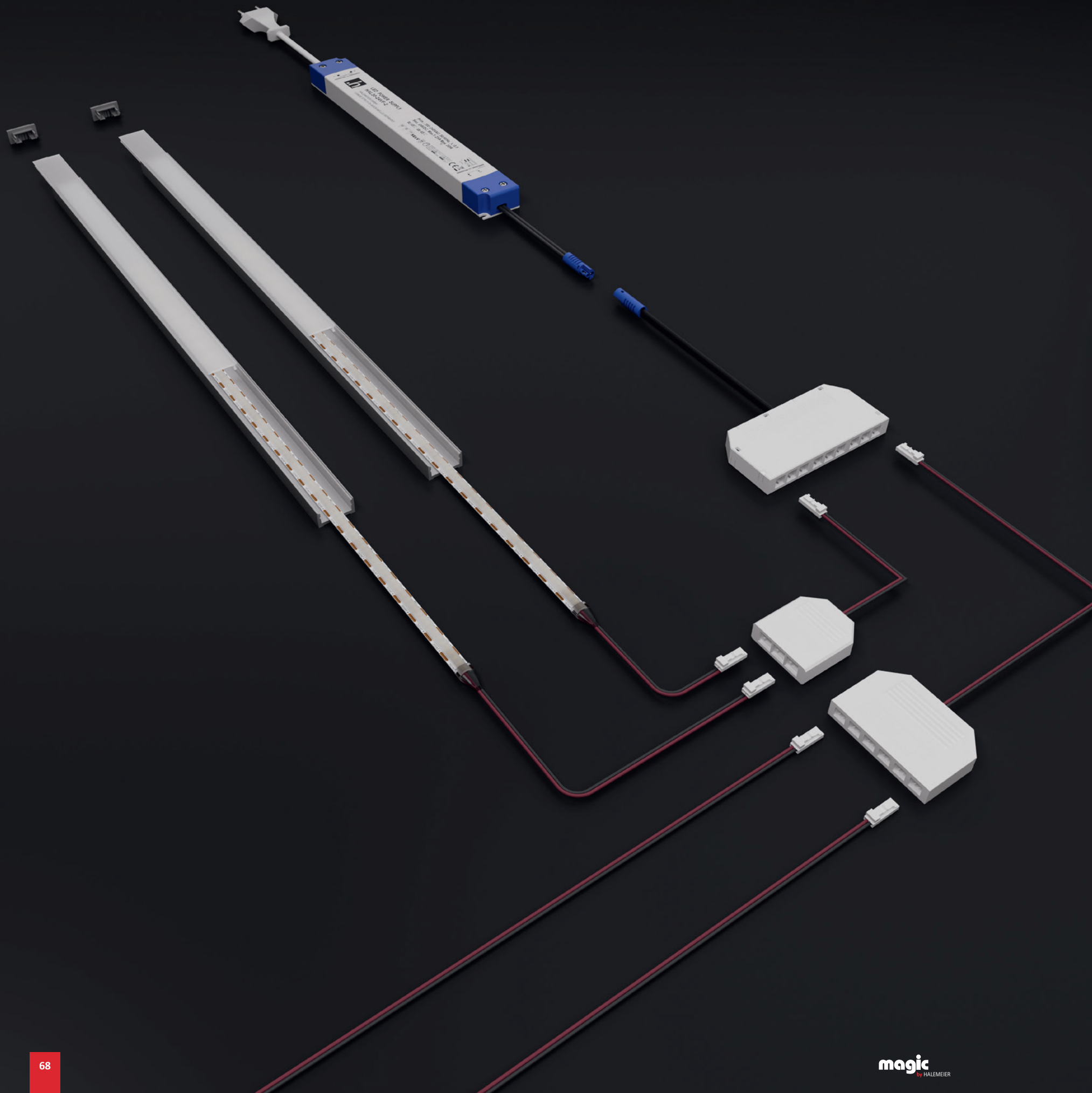


Surface finish:	White
Operating voltage:	24 Volt DC
Mark:	CE
Supply lead:	180 mm
Primary connector:	Mini connector MP2
Line output:	180 mm
Stand-by:	< 0.5 W
Secondary connector:	Mini connector MP2



Assembly drawing





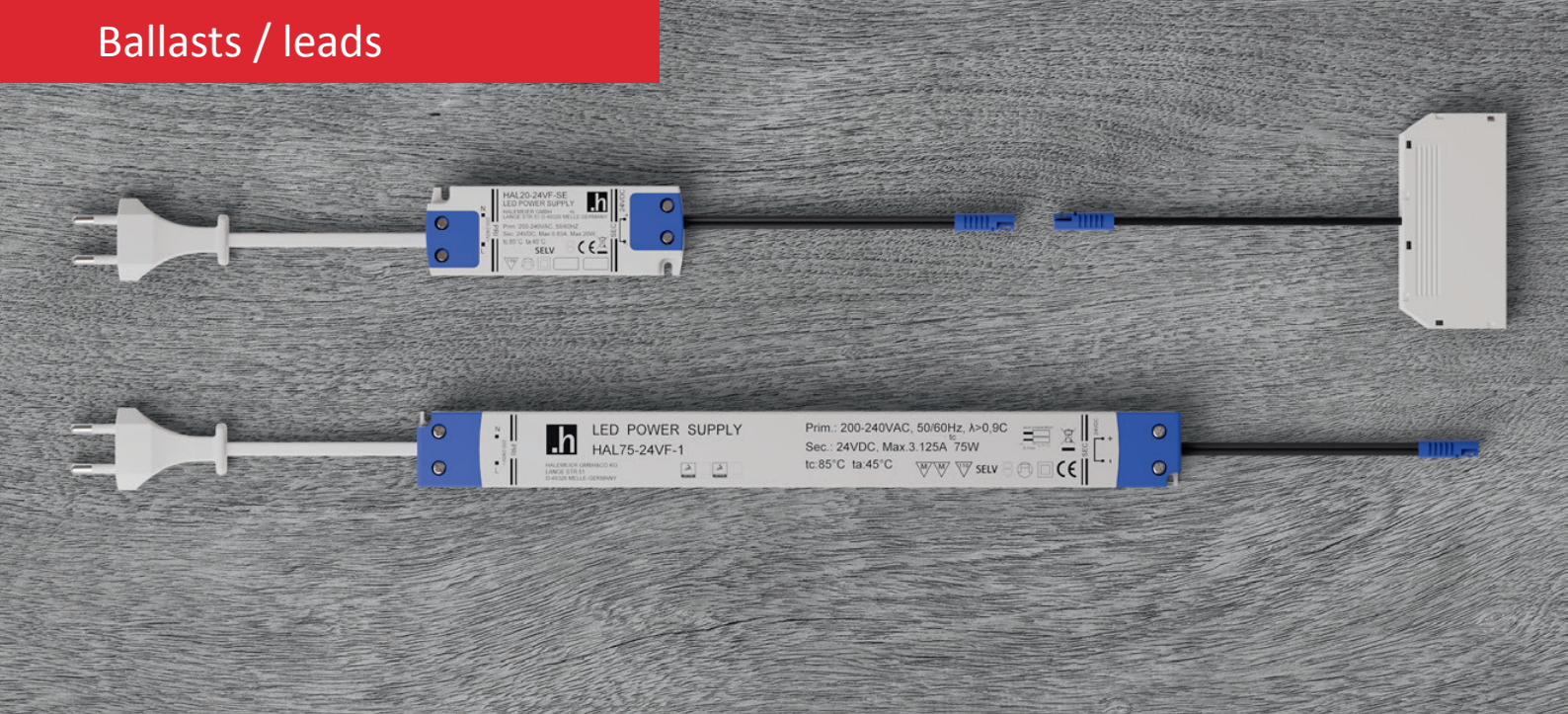
Matching power sources

Plug & Play connector systems

On the following pages you will find the right power sources for your lighting. For all lights and controls, we offer the corresponding distributors and extensions to implement even large systems. The easily distinguishable plug-in systems ensure plug & play and make an incorrect combination impossible.

All Halemeier electronic ballasts, called ballast for short, have overload protection, temperature protection, short-circuit resistance and are explicitly designed for use with LED luminaires as well as for use in furniture.

Our ballasts are certified by external testing bodies such as TÜV for compliance with all current safety and product standards.



Ballast 24 Volt DC

- Advantages**

 - ▶ Short-circuit-proof
 - ▶ Overload-protected
 - ▶ Temperature-protected
- Examples of use**

 - ▶ For 24 V DC furniture lights
- Order information**

 - ▶ The power of the ballast must always be at least as high as the sum of the power consumption of the connected consumers
 - ▶ The 20, 40 and 75 W electronic ballasts are supplied with an adapter/distributor 3102941
- Features**

 - ▶ Combination with PWM dimmers possible secondarily

Ballast 24 Volt DC

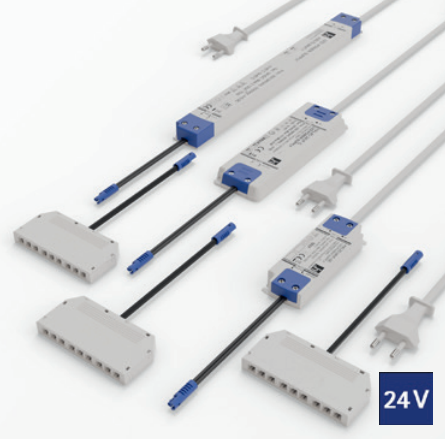
Ballast 20 W with Euro flat plug (1-way MP2 + 9-way M2)	31 062 01
Ballast 30 W with Euro flat plug (MP2)	30 585 04
Ballast 40 W with Euro flat plug (1-way MP2 + 9-way M2)	31 063 01
Ballast 12-75 W with Euro flat plug - 230 Volt AC dimmable (MP2)*	30 594 12
Ballast 75 W with Euro flat plug (1-way MP2 + 9-way M2)	31 022 12
Ballast 150 W with Euro flat plug (MP2)	30 017 11

Accessories

Cable clips (set of 10)	26 021 01
MP2 to M2 adapter and 9-way distributor	31 029 41

* Only dimmable with leading or trailing edge phase dimmer from third party supplier via the socket

Technical details



Surface finish:

White

Operating voltage:

220-240 volts AC

Grid frequency:

50/60Hz

Output voltage:

24 Volt DC

Mark:

CE RoHS A

Degree of protection:

IP 20

Supply lead:

2000 mm

Primary connector:

Euroflat

Line output:

200 mm

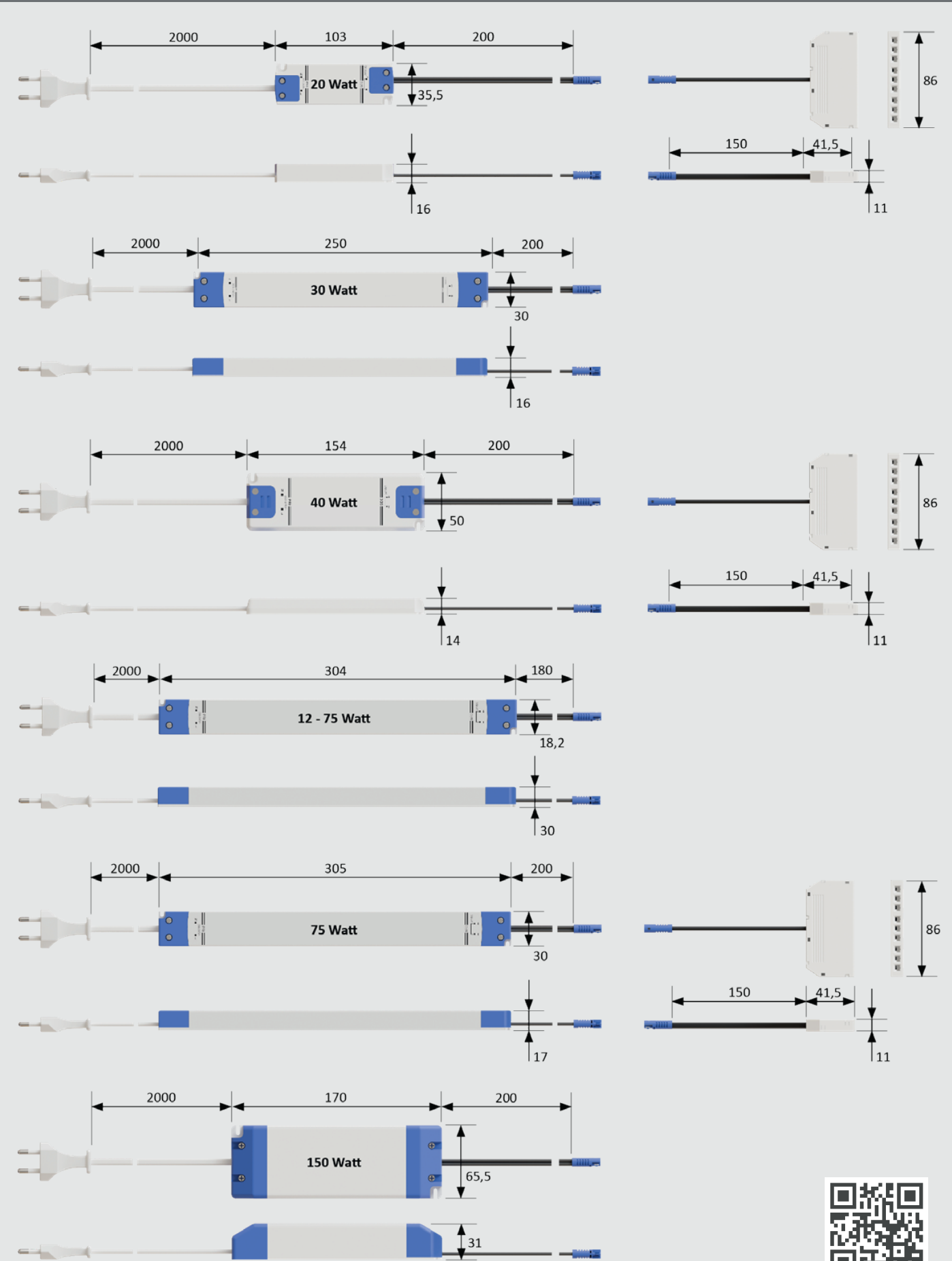
Stand-by:

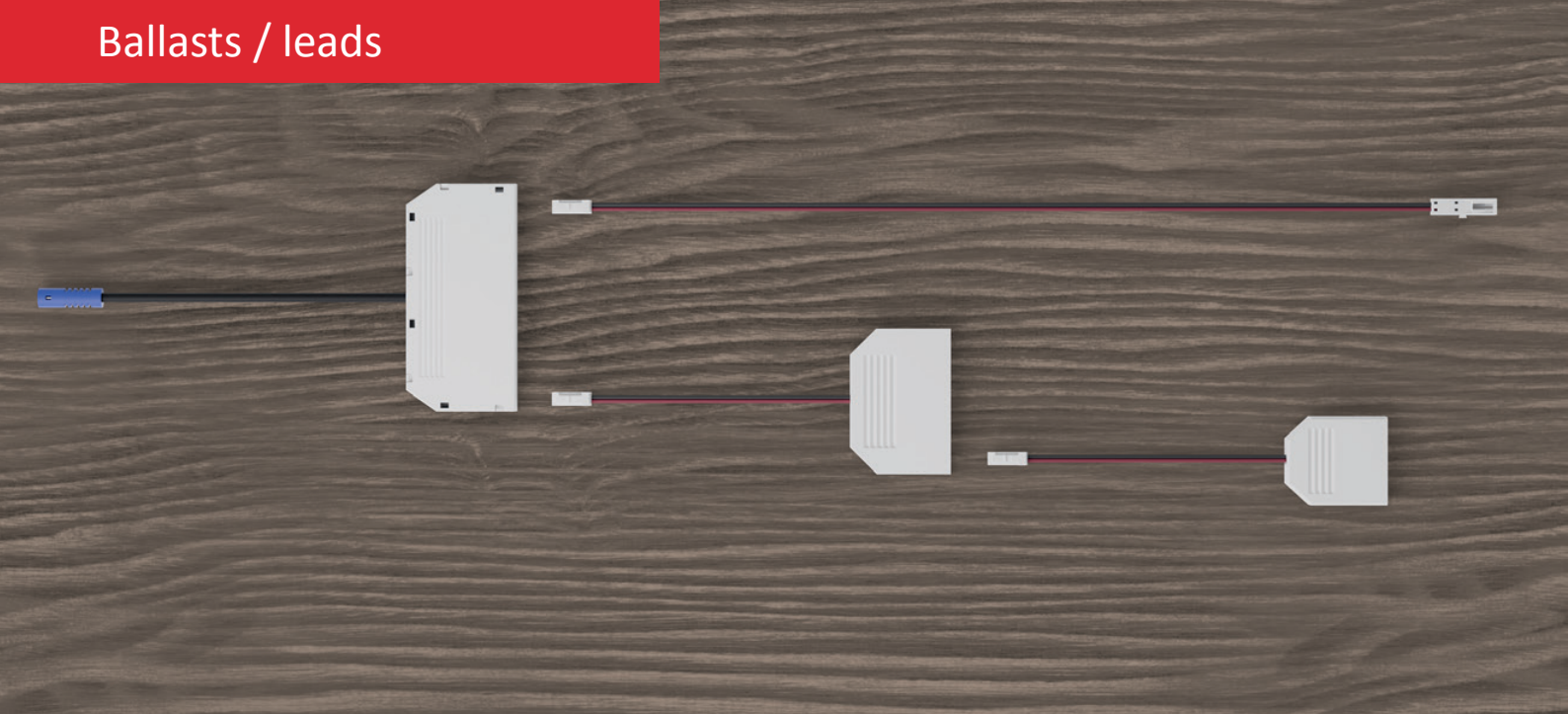
< 0.5 W

Secondary connector:

Mini connector MP2

Assembly drawing





Leads 24 Volt DC

- Advantages**
- LED plug-in system for 24 Volt DC lights

- Features**
- Plug bore diameter 8 mm
 - Maximum connected load for the M2 plug system: 3 A / 72 watts
 - Maximum connected load for the MP2 plug system: 8 A / 192 watts

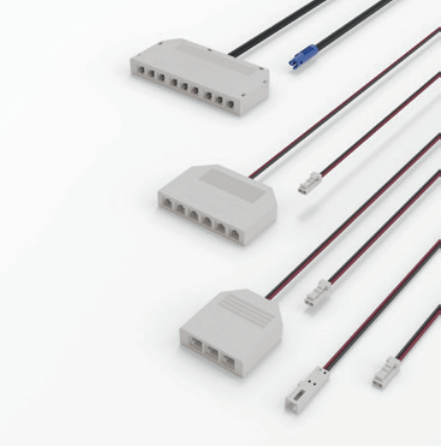
Leads 24 Volt DC

MP2 to M2 adapter and 9-way distributor	31 029 41
M2 6-way distributor 200 mm	36 122 14
M2 6-way distributor 2000 mm	36 122 15
M2 extension lead 2000 mm	36 768 16
M2 extension lead 5000 mm	36 768 17
M2 3-way distributor 180 mm	36 852 08
MP2 2-way distributor	39 422 51
MP2 6-way distributor	36 996 01

Accessories

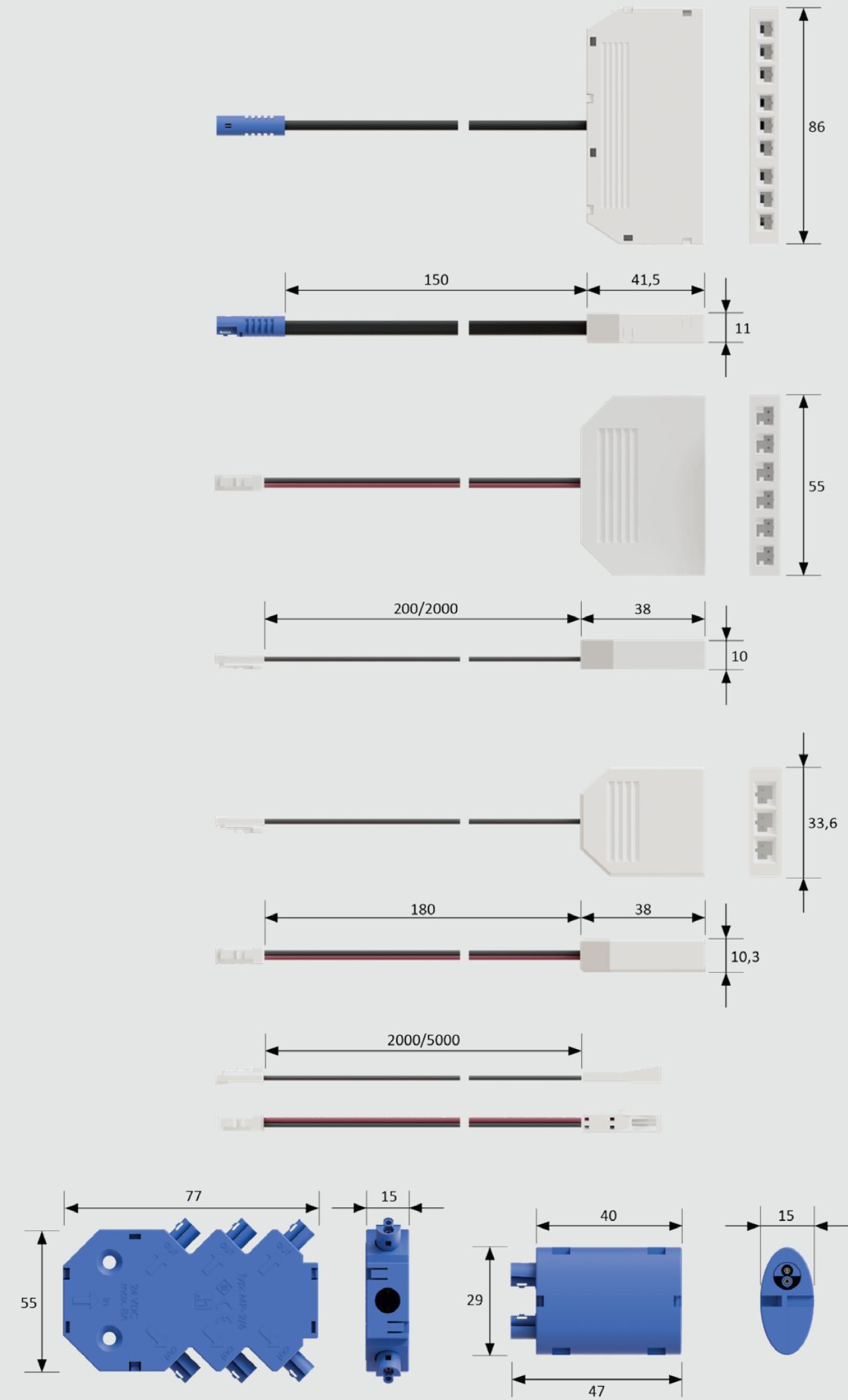
Cable clips (set of 10)	26 021 01
Cable duct, self-adhesive, 1000 mm, white	36 238 01

Technical details



Surface finish: White (M2) / Blue (MP2)
Mark: 

Assembly drawing



Order no.	Catalogue page	Order no.	Catalogue page	Order no.	Catalogue page	Order no.	Catalogue page
26 021 01	64	32 253 38	54	56 045 03	26	56 061 32	20
30 017 11	62	32 253 39	54	56 045 04	26	56 061 33	20
30 077 01	54	32 253 40	54	56 045 10	26	56 061 34	20
30 077 02	54	32 253 41	54	56 045 11	26	56 061 41	20
30 143 01	52	32 361 15	48	56 045 12	26	56 061 42	20
30 145 02	52	32 361 16	48	56 045 13	26	56 061 43	20
30 150 51	53	32 361 35	48	56 045 14	26	56 061 44	20
30 150 55	53	32 361 36	48	56 045 30	26	56 063 01	32
30 151 01	53	32 362 05	44	56 045 31	26	56 063 02	32
30 151 05	53	32 362 09	44	56 045 32	26	56 063 03	32
30 152 01	53	32 362 15	44	56 045 33	26	56 063 11	32
30 152 05	53	32 362 19	44	56 045 34	26	56 063 12	32
30 153 05	53	32 362 35	44	56 045 40	26	56 063 13	32
30 154 01	53	32 362 39	44	56 045 41	26	56 063 31	32
30 154 05	53	32 363 05	46	56 045 42	26	56 063 32	32
30 156 01	53	32 363 09	46	56 045 43	26	56 063 33	32
30 156 05	53	32 363 15	46	56 045 44	26	56 063 41	32
30 161 01	52	32 363 19	46	56 046 00	28	56 063 42	32
30 162 01	53	32 363 35	46	56 046 01	28	56 063 43	32
30 226 02	60	32 363 39	46	56 046 04	28	56 064 00	22
30 488 12	60	32 364 15	50	56 046 10	28	56 064 01	22
30 585 04	62	32 364 19	50	56 046 11	28	56 064 02	22
30 594 12	62	32 364 35	50	56 046 14	28	56 064 03	22
30 954 02	2	32 364 39	50	56 046 30	28	56 064 04	22
31 002 07	60	36 122 14	64	56 046 31	28	56 064 10	22
31 016 01	60	36 122 15	64	56 046 34	28	56 064 11	22
31 017 01	62	36 210 01	65	56 046 40	28	56 064 12	22
31 018 01	60	36 237 02	65	56 046 41	28	56 064 13	22
31 022 12	62	36 238 01	64	56 046 44	28	56 064 14	22
31 025 01	60	36 326 01	65	56 047 00	30	56 064 30	22
31 029 41	64	36 768 16	64	56 047 01	30	56 064 31	22
31 041 02	58	36 768 17	64	56 047 04	30	56 064 32	22
31 041 33	58	36 852 07	36	56 047 10	30	56 064 33	22
31 041 82	58	36 852 08	64	56 047 11	30	56 064 34	22
31 062 01	62	36 852 99	36	56 047 14	30	56 064 40	22
31 063 01	62	36 974 72	56	56 047 40	30	56 064 41	22
31 107 01	46	36 996 01	64	56 047 41	30	56 064 42	22
31 108 01	46	39 304 50	26	56 047 44	30	56 064 43	22
31 109 01	46	39 422 51	64	56 060 01	18	56 064 44	22
31 110 01	46	55 559 24	44	56 060 02	18	56 065 00	24
31 132 01	36	55 825 26	44	56 060 03	18	56 065 01	24
31 133 02	36	56 029 01	36	56 060 04	18	56 065 02	24
31 164 11	50	56 029 02	36	56 060 11	18	56 065 03	24
31 164 21	50	56 037 01	38	56 060 12	18	56 065 04	24
32 175 35	52	56 037 02	38	56 060 13	18	56 065 10	24
32 243 31	54	56 040 03	28	56 060 14	18	56 065 11	24
32 243 32	54	56 040 13	28	56 060 31	18	56 065 12	24
32 243 33	54	56 040 43	28	56 060 32	18	56 065 13	24
32 243 34	54	56 042 01	32	56 060 33	18	56 065 14	24
32 243 35	54	56 042 03	32	56 060 34	18	56 065 30	24
32 243 36	54	56 042 05	32	56 060 41	18	56 065 31	24
32 243 37	54	56 042 11	32	56 060 42	18	56 065 32	24
32 243 38	54	56 042 13	32	56 060 43	18	56 065 33	24
32 243 39	54	56 042 15	32	56 060 44	18	56 065 34	24
32 243 40	54	56 042 31	32	56 061 01	20	56 065 40	24
32 243 41	54	56 042 33	32	56 061 02	20	56 065 41	24
32 253 31	54	56 042 35	32	56 061 03	20	56 065 42	24
32 253 32	54	56 042 41	32	56 061 04	20	56 065 43	24
32 253 33	54	56 042 43	32	56 061 11	20	56 065 44	24
32 253 34	54	56 042 45	32	56 061 12	20	56 067 01	34
32 253 35	54	56 045 00	26	56 061 13	20	56 067 02	34
32 253 36	54	56 045 01	26	56 061 14	20	56 067 03	34
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