magic

by HALEMEIER

Worlds of light

Linear lights

Special lights

Switch systems

ChannelLine profiles

Spotlights

Ballasts / leads

Glossary

magic
by HALEMEIER

Simply. Perfect. Solutions.

The brand **magic** by HALEMEIER is the light for professional furniture construction. For more than 25 years we have been setting standards in innovation, service and design. The requirements of our customers motivate us to exceed ourselves again and again. We develop individual solutions for your diverse requirements.

Our in-house laboratory guarantees all relevant certifications for your products. It goes without saying that our LED technology is state-of-the-art. Another decisive advantage is the complete compatibility of all components of our product range.

Fast and easy handling of the components allows you to fully concentrate on your core tasks: The development and design of new furniture.

Partnership, loyalty and trust are basic values that we try to bring into practice every day.

Let us inspire you!
it's **magic**

.h | ENGINEERED
IN GERMANY
BY HALEMEIER

Steffen Rumler, Managing Director

Sven Lubahn, R&D

Ralf Köhne, Sales

Simply close to the customer

Only together with our customers, employees and suppliers, can we be successful in the long term - simple as that!

Designing and implementing practical, innovative solutions that meet our customers' needs is what drives us every day.

Listen, ask, understand. We always find a solution to every challenge, to get better and better together.

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Individual solutions Plug-and-play compatibility of all components. Unlimited combination possibilities. No electro-technical expertise required.

To make yourself Meter and roll goods to combine independently. Precisely cut to size. No loss of material.

In-house development Products are designed, developed and tested in-house. The result is the highest quality 'Engineered in Germany'.

Special solutions Halemeier as a development partner for OEM products. Do you have ideas for new solutions? Let us build your lights according to your wishes.

Consulting Your customers have bigger plans for you. Involve us at an early stage to put your future projects on a technically sound foundation.

Quick service for the hardware trade For an additional charge we offer shipping on the day of order, Monday - Thursday until 4 pm, Friday until 12 noon.

Sustainability Our products comply with the strict Ecodesign Directive of the European Union. The use of the latest generation of components guarantees you continuous improvements in efficiency.

5 years warranty* We are absolutely sure of the quality of our products. Use our guarantee to pass on this confidence to your customers. *on selected luminaires*

Own test laboratory Always on the safe side. Our in-house test laboratory guarantees all relevant certifications.

Trainings Simply perfectly prepared. We offer beginner and expert courses, either at your company or at our premises. In German and English.

magic
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Clean lines.

magic shows your furniture
in their best light.

Simple. Functional. Decorative.

Feel-good factor.

magic embellishes the interior
and makes your clothes shine on stage.

Simple. Surprising. Perfect.

magic
by HALEMEIER

A feast for the eyes.

Individual, classic, modern
or rustic **magic** is at home in
any style.

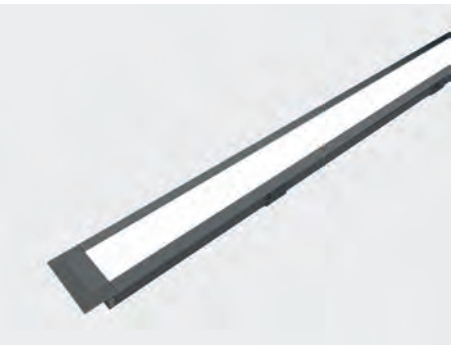Simple. Enjoyable. Beautiful.

magic
BY HALEMEIER

Pure happiness.

For the special moments everyday. **magic** transforms your bathroom into a wellness oasis.

Simple. Relaxed. Harmonious.

KitchenLine
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`12 V`

HandleLine
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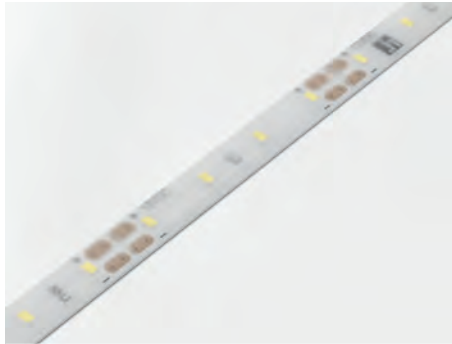
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Versa Super Plus Mini
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All lights can be cut to size   Light can be made to measure   All lights can be cut to size

magic
by HALEMEIER
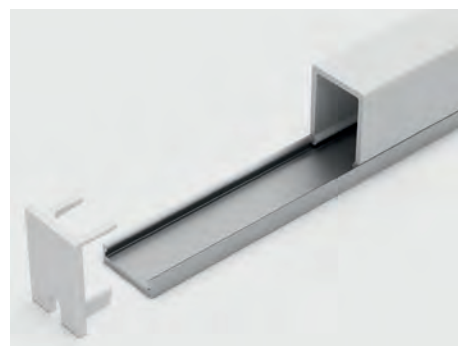
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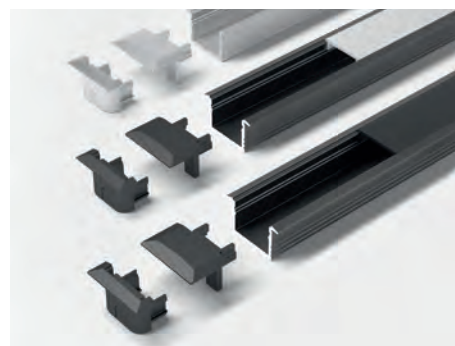
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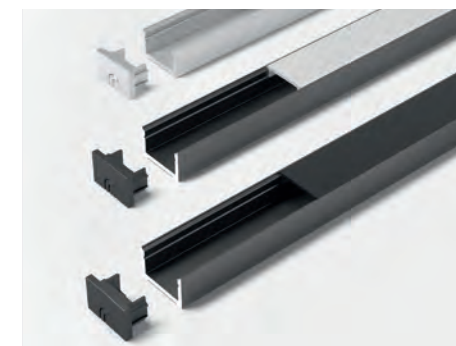
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All lights can be cut to size

All lights can be cut to size

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SuperSpot eco Ø 78 mm
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SuperSwing Ø 68 mm
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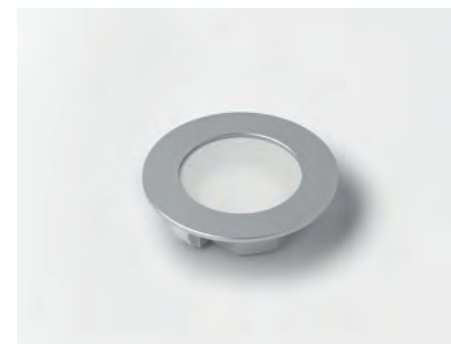
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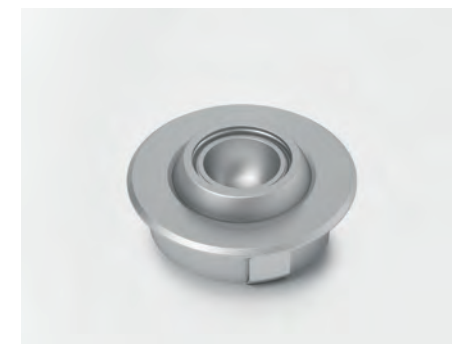
Move Spot Ø 40 mm
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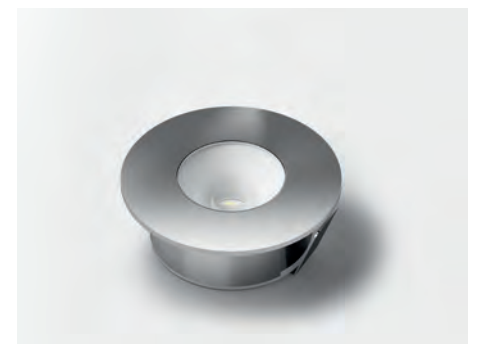
StarPoint Flood Ø 30 mm
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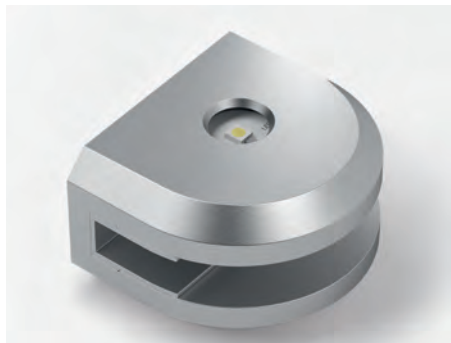
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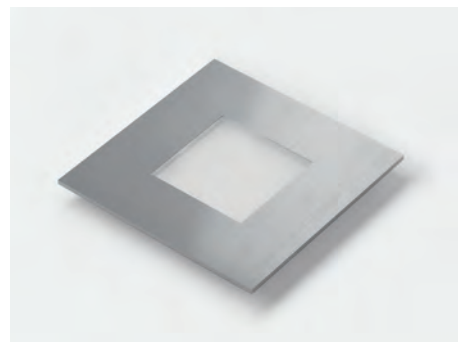
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MultiSwitch² Magnet
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zigbee

Products are Zigbee compatible

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MultiSwitch² push button
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12 V
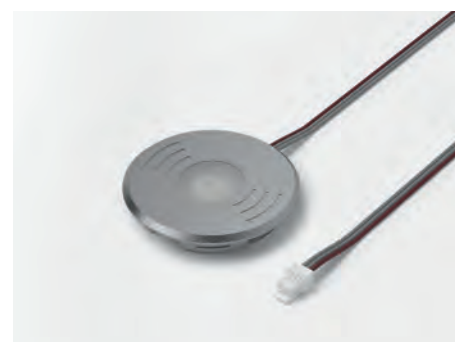
MultiSwitch² Touch
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Repeater
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Magnet insert switch
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Dimming module 1–10 V / Dali
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LED rocker switch
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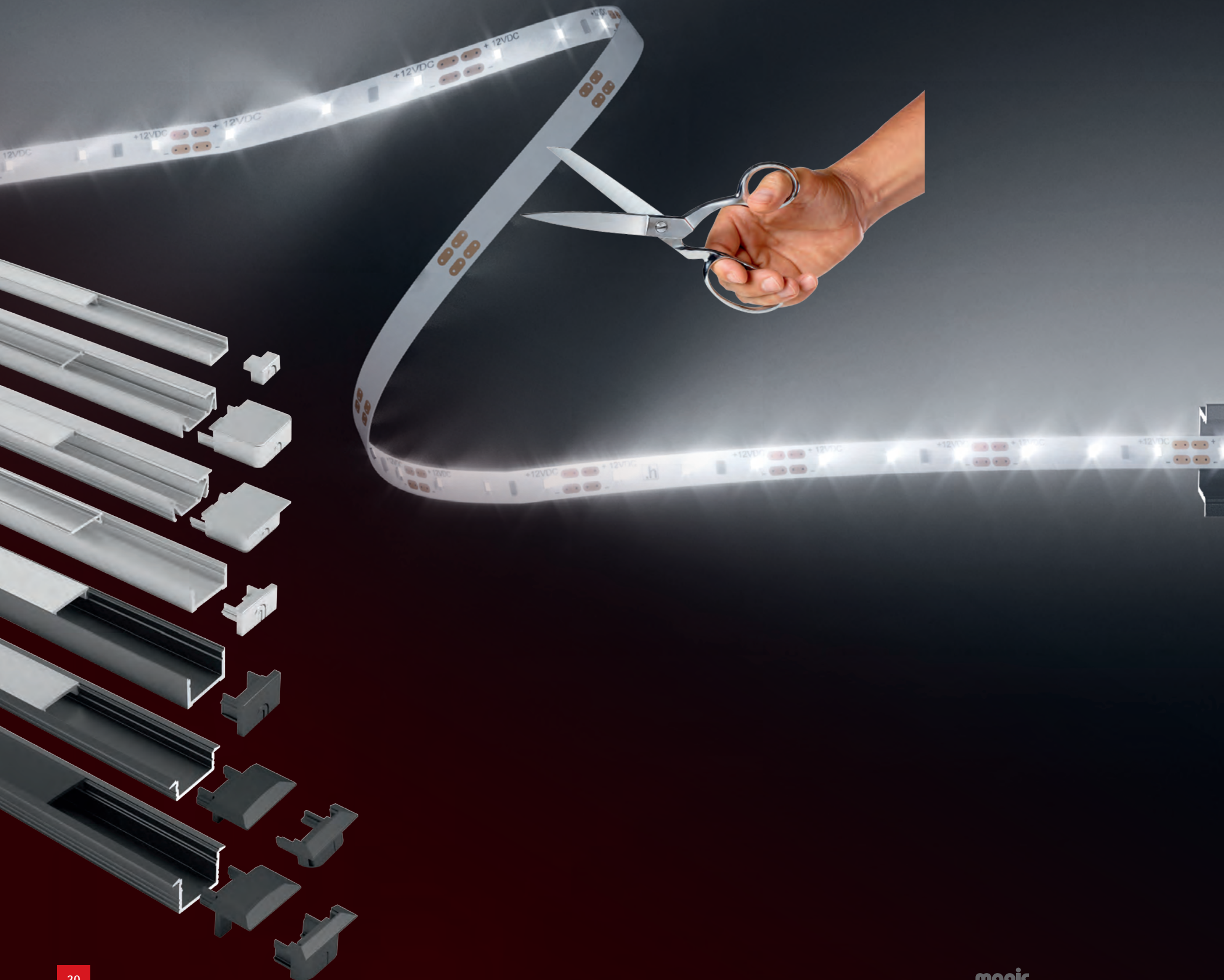
Linear lights

The choice is yours.
On the following pages
you will find:

- Ready-to-install linear luminaires that can be shortened
  for individual body dimensions

- LED strips and profiles can be shortened to the
  required dimension for the construction of an individual
  luminaire, from quantity 1

Icon "Saw" identifies products that
can be cut to size

- Customisable luminaires, from quantity 1

Icon "Tailor-made" identifies products
that are made to measure for you

ChannelLine profile

Spotlights

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KitchenLine

Advantages
▶ Bright recessed LED luminaire
▶ Uniform illumination without dark zones
▶ Can be individually cut to size

Features
▶ No visible LED dots
▶ With direct connection to an electronic ballast, the light colour is XtraWarmWhite (2700K)

Examples of use
▶ Niches
▶ Shelves
▶ Top floors

Order information
▶ Other variants on request
▶ When shortening the luminaire, an additional end cap may be required

KitchenLine

	Black	STS
267 mm (4.3 W)	32 253 31	32 243 31
317 mm (5.0 W)	32 253 32	32 243 32
367 mm (6.1 W)	32 253 33	32 243 33
417 mm (6.8 W)	32 253 34	32 243 34
467 mm (7.9 W)	32 253 35	32 243 35
517 mm (8.6 W)	32 253 41	32 243 41
567 mm (9.7 W)	32 253 36	32 243 36
767 mm (13.3 W)	32 253 37	32 243 37
867 mm (15.1 W)	32 253 38	32 243 38
967 mm (16.9 W)	32 253 39	32 243 39
1167 mm (20.5 W)	32 253 40	32 243 40

Accessories*

S-Mitter Basic MultiWhite Smart Set**	31 123 01
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01
End cap, black	25 749 15
End cap, stainless steel look (STS)	25 749 11

* Further accessories in section Switch systems
** MultiWhite accessories required

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional lighting
Surface finish:	Stainless steel look/ black
Operating voltage:	12 V DC
Light colour:	MultiWhite
Colour rendering:	Ra >90; R9 >60
Luminous flux:	720 lm/m
Luminaire efficiency:	40 lm/W
Light source efficiency:	100 lm/W
Life span:	40,000 h (L70)
Power consumption:	see ordering chart
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE UK ⊕ ᏯᏯ
Protection class:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast MultiWhite control

Light distribution diagram 60°

Type STS – other combinations may vary

lx | ø mm | ↕ mm

lx	ø mm	mm
1400	288	250
500	576	500
250	866	750
150	1154	1000

Light box

WW

Dimensional drawing / installation   ⌁ Can be individually cut to size

L= 267/317/367/417/467/517/567/767/867/967/1167

22
10
85
1800

12,7
L -14,4
1,3
16,6
11,4
19,5

17-19mm

Linear lights
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Spotlights
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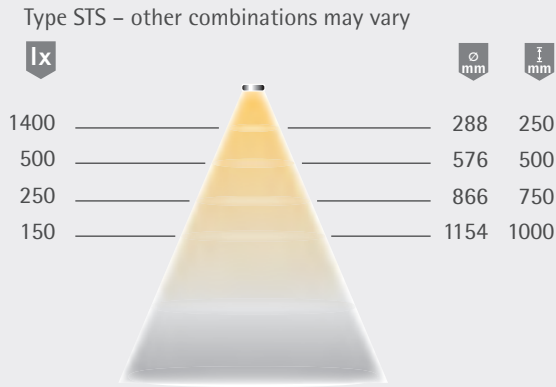
HandleLine

Advantages
▶ High-quality aluminium profile light
▶ Can be individually cut to size
▶ Handle strip and niche lighting in one
  Profile combined

Examples of use
▶ Handleless fronts in the kitchen
▶ Wall cabinet with door

Features
▶ Fits perfectly on 16 mm floors and walls
▶ When connected directly to an electronic ballast,
  the light colour is
  XtraWarmWhite (2700K)

12 V

HandleLine

	STS / Opal	Black / Opal	Black / Black
267 mm (2.4 W)	55 753 01	55 753 11	55 753 21
317 mm (2.9 W)	55 753 08	55 753 18	55 753 28
367 mm (3.4 W)	55 753 09	55 753 19	55 753 29
417 mm (3.9 W)	55 753 02	55 753 12	55 753 22
467 mm (4.4 W)	55 753 03	55 753 13	55 753 23
567 mm (5.3 W)	55 753 04	55 753 14	55 753 24
867 mm (8.2 W)	55 753 05	55 753 15	55 753 25
967 mm (9.2 W)	55 753 06	55 753 16	55 753 26
1167 mm (11.1 W)	55 753 07	55 753 17	55 753 27

Accessories*

S-Mitter Basic MultiWhite Smart Set**	31 123 01
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

Luminaire type:	LED recessed light
Type of lighting:	Functional lighting
Surface finish:	Stainless steel look/ Black
Operating voltage:	12 V DC
Light colour:	MultiWhite
Colour rendering:	RA >90; R9 >60
Luminous flux:	560 lm/m
Luminaire efficiency:	60 lm/W
Light source efficiency:	90 lm/W
Life span:	40,000 h (L70)
Power consumption:	see ordering chart
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test marks and symbols:	CE UKCA ⬧ ▽▽
Protection class:	IP 20
Supply lead:	1900 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast MultiWhite control unit
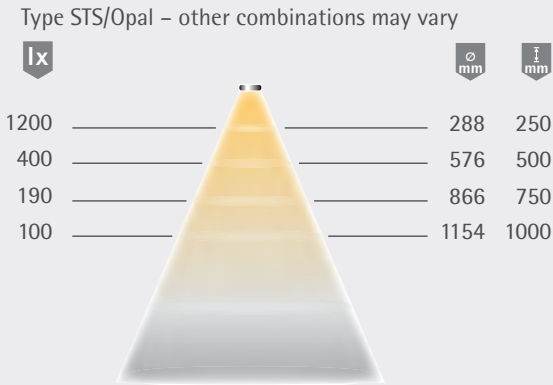
* Further accessories in section Switch systems
** MultiWhite accessories required

Type STS/Opal – other combinations may vary

lx   ø mm   I mm

lx	ø mm	I mm
1200	288	250
400	576	500
190	866	750
100	1154	1000

nw

267/317/367/417/467/517/567/867/967/1167

12,2

28

9

50

6

1900

16,3

1

3,8

Ø 8,0

1.

2.

6mm

Ø 8mm

3,5mm

12VDC

MultiWhite

Linear lights

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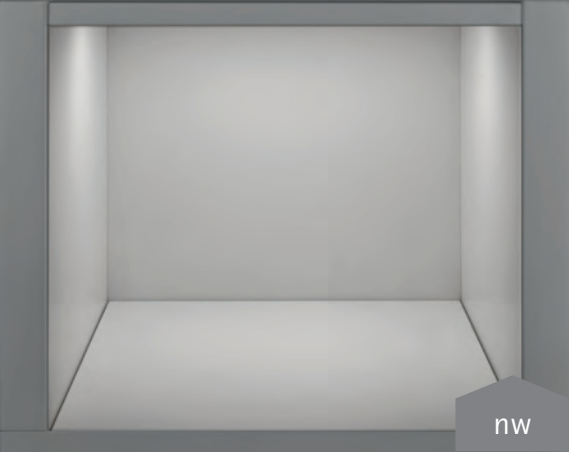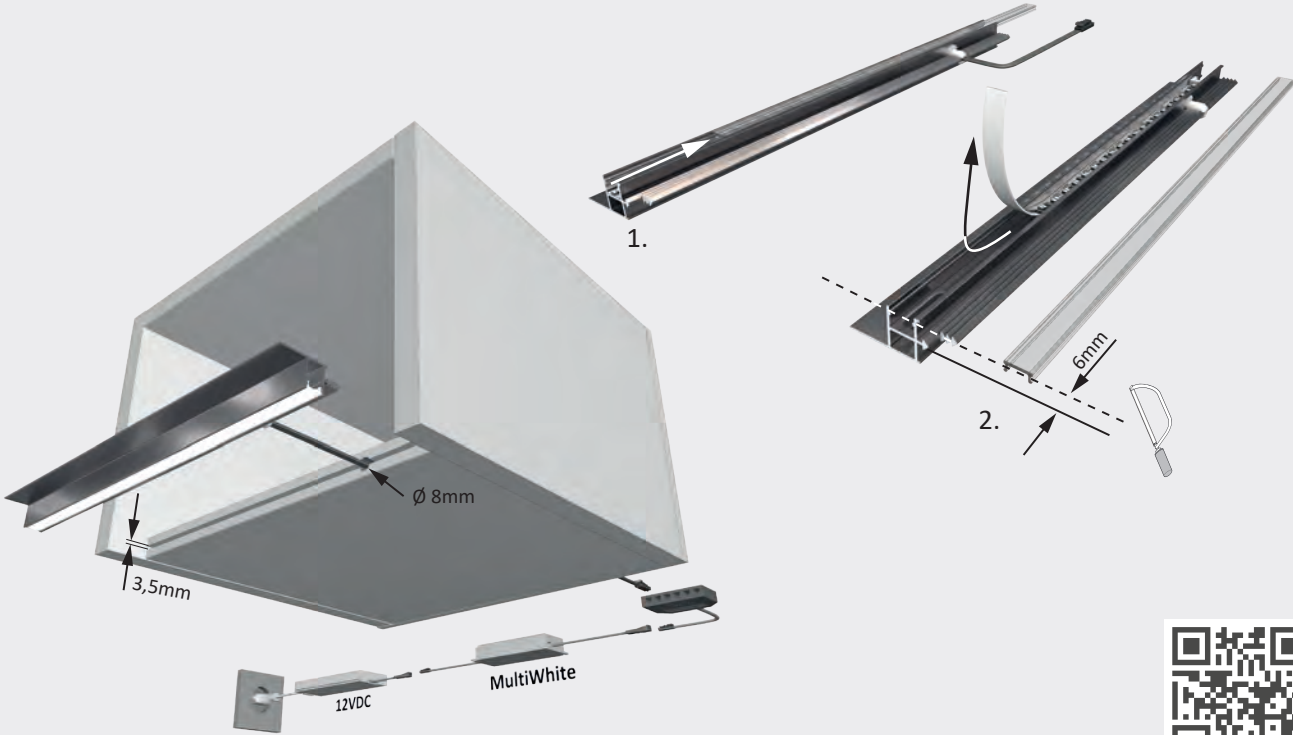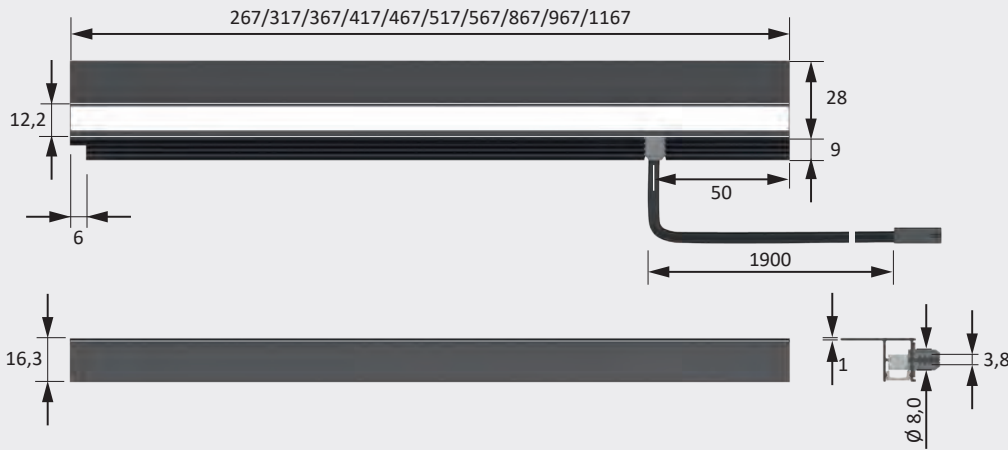
FineLite

Advantages
▸ Filigree LED recessed light
▸ Can be individually cut to size
▸ Uniform illumination without dark zones
▸ Customisable to desired length

Features
▸ Glare-free thanks to translucent opal cover
▸ No visible LED dots

Examples of use
▸ Shelves
▸ Compartments
▸ Lighting halos

Order information
▸ When shortening the luminaire,
  an additional end cap is required
▸ For cut-to-measure lengths, please specify the
  exact length alongside the order number!

FineLite

	WarmWhite	NeutralWhite
400 mm (3.4 W)	32 180 51	32 983 51
550 mm (5.4 W)	32 180 52	32 983 52
850 mm (8.4 W)	32 180 53	32 983 53
200 – 300 mm (max. 2.4 W)*	32 180 01	32 983 01
301 – 400 mm (max. 3.4 W)*	32 180 02	32 983 02
401 – 500 mm (max. 4.4 W)*	32 180 03	32 983 03
501 – 600 mm (max. 5.4 W)*	32 180 04	32 983 04
601 – 700 mm (max. 6.4 W)*	32 180 05	32 983 05
701 – 800 mm (max. 7.4 W)*	32 180 06	32 983 06
801 – 900 mm (max. 8.4 W)*	32 180 07	32 983 07
901 – 1000 mm (max. 9.4 W)*	32 180 08	32 983 08
1001 – 1100 mm (max. 10.4 W)*	32 180 09	32 983 09
1101 – 1200 mm (max. 11.4 W)*	32 180 10	32 983 10

Accessories*

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
End cap	26 020 01

* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	NeutralWhite/ WarmWhite
Colour rendering:	RA >90; R9 >20
Luminous flux:	380 lm/m
Luminaire efficiency	40 lm/W
Light source efficiency:	90 lm/W
Life span:	40,000 h (L70)
Power consumption:	see ordering chart
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE UK ◇ ⩗⩗
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	I mm
700		288	250
270		576	500
130		866	750
75		1154	1000

Light box

nw

Dimensional drawing / installation   ⬦ Can be individually cut to size   ◂▸ Light can be made to measure

1800
Ø8
11
1
13
L
L -4
L -4
10

Linear lights
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Overview of Versa strips

Model	Versa Inside 40	Versa Inside 80	Versa Inside 120	Versa Inside 160	Versa Inside 233 HP
Voltage	12 V	12 V	12 V	12 V 24 V MP	24 V MP
Illuminance at a distance of 50 cm	240 lux	360 lux	525 lux	700 lux	1500 lux
Output per m	2.4 W/m	4.8 W/m	7.2 W/m	9.6 W/m	24 W/m
Luminous flux per m	300 lm/m	600 lm/m	900 lm/m	1200 lm/m	2200 lm/m
Light source efficiency	125 lm/W	125 lm/W	125 lm/W	125 lm/W	90 lm/W
Light colour*	WW	XW WW NW CW MW	XW WW NW CW MW	XW WW NW CW MW	XW WW NW CW
Colour rendering/CRI	RA > 90 (R9 > 60)				
Strip length	1200 mm, 5000 mm, 10000 mm			3000 mm (12 Volt) 5000 mm (24 Volt) 10000 mm	1200 mm 5000 mm 10000 mm
Max. length at a stretch	10000 mm	7000 mm	5000 mm	3700 mm (12 Volt DC) 7500 mm (24 Volt DC)	3000 mm
LEDs per m	40	80	120	160	233
Can be cut every	100 mm	50 mm	33 mm	25 mm (12 Volt DC) 50 mm (24 Volt DC)	30 mm
Direct connector	36 362 01 (1 piece) 36 362 11 (10 pieces)				no connectors permitted
Flexible connector 50 mm	36 363 01 (1 piece) 36 363 11 (10 pieces)				
Flexible connector 150 mm	36 364 01 (1 piece) 36 364 11 (10 pieces)				
Feeder for sections with clip connector	36 335 01			36 365 01 (12 Volt DC) 36 366 01 (24 Volt DC)	
Soldering cable with LED plug-in system	39 297 38 (130 mm) 36 248 01 (1800 mm) (12 Volt DC, max. 36 Watt)			36 247 02 (130 mm) 36 247 01 (1800 mm) (24 Volt DC, max. 72 Watt)	
Width / Height	7.5 mm / 2 mm				
IP rating	IP 20				
Page	Page 40	Page 42	Page 44	Pages 46/48	Page 50

*XW = 2700 K, WW = 3000 K, NW = 4000 K, CW = 6500 K, MW = 2700-6000 K

Overview of Versa strips

Model	Versa Linear (COB)	Versa Plus 80	Versa SuperPlus	Versa SuperPlus Mini	Versa MaxiColor
Voltage	12 V	12 V	24 V MP	12 V	24 V MP
Illuminance at a distance of 50 cm	550 lux	300 lux	155 lux	80 Lux	–
Output per m	10 W/m	4.8 W/m	7.5 W/m	6 W/m	19.2 W/m
Luminous flux per m	1000 lm/m	480 lm/m	400 lm/m	150 lm/m	White LED 400 lm/m
Light source efficiency	100 lm/W	100 lm/W	53 lm/W	115 lm/W	White LED 80 lm/W
Light colour	XW WW NW MW	XW WW NW CW MW	WW NW	WW NW	WW
Colour rendering/CRI	RA > 90 (R9 > 60)	RA > 80	RA > 80	RA > 80	RA > 80
Strip length	1200 mm, 3000 mm 10000 mm	1200 mm, 5000 mm 10000 mm	1200 mm 5000 mm	2500 mm 5000 mm	5000 mm
Max. length at a stretch	3600 mm	5000 mm	5000 mm	5000 mm	5000 mm
LEDs per m	LED not visible	80	LED not visible		60
Can be cut every	25 mm	50 mm	38 mm	50 mm	100 mm
Direct connector	36 358 01 (1 piece) 36 358 11 (10 pieces)		no connectors permitted		
Flexible connector 50 mm	36 359 01 (1 piece) 36 359 11 (10 pieces)				
Flexible connector 150 mm	36 360 01 (1 piece) 36 360 11 (10 pieces)				
Feeder for sections with clip connector	36 361 01				
Soldering cable with LED plug-in system	39 297 38 (130 mm) 36 248 01 (1800 mm) (12 Volt DC, max. 36 Watt)		no connectors permitted		
Width / Height	8 mm / 2 mm	7.5 mm / 3.5 mm	8.3 mm / 12 mm	4 mm / 8 mm	10 mm / 3 mm
IP rating	IP 20	IP 44	IP 65**	IP44	IP 20
Page	Page 52	Page 54	Page 58	Page 60	Page 64

** only in the potted area of the luminaires

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Versa Inside 40

Advantages
▸ 30 % more uniform light distribution
▸ 30 % more efficient
▸ 30 % more light
▸ 0% more power consumption
  than the predecessor Versa Inside 30

Features
▸ Lead on both sides for the 5000 mm length
  (one cut, two lights), see drawing

Examples of use
▸ Ideal for ambient backlighting in
  living rooms

Order information
▸ Feeders and/or solder leads needed for the
  10 m roll
▸ For selection see Versa- and ChannelLine
  overview

Versa Inside 40

	WarmWhite
1200 mm (max. 2.9 W)	56 000 12
5000 mm (max. 12 W)	56 000 13
10000 mm (max. 2.4 W/m)	56 000 11

Accessories*

	1 piece	10 piece
Direct connector	36 362 01	36 362 11
Flexible connector 50 mm	36 363 01	36 363 11
Flexible connector 150 mm	36 364 01	36 364 11
Feeder 1800 mm for sections	36 365 01	–
Soldering lead 130 mm for sections	39 297 38	–
Soldering lead 1800 mm for sections	36 248 01	–
LED ballast 15 W with flat Euro plug	30 996 17	–
LED ballast 30 W with flat Euro plug	31 002 07	–
M1 extension lead 1800 mm	36 768 01	–
M1 3-way distributor 180 mm	36 852 01	–

* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Accent lighting
Operating voltage:	12 V DC
Light colour:	WarmWhite
Colour rendering:	RA >90; R9 >60
Luminous flux:	300 lm/m
Light source efficiency:	125 lm/W
Life span:	40,000 h (L70)
Power consumption:	2.4 W/m
Max. length at a stretch:	7 m
Dimmable:	Yes/PWM/Smart.home
LED count:	40/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK 🔆
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini connector M1 (max. 36 W)
Connection to:	LED ballast

Light distribution diagram 70°

lx		∅ mm	I mm
550		350	250
240		700	500
110		1050	750
65		1400	1000

Light box

WW

Dimensional drawing / installation — Can be individually cut to size

R >10mm

1800   5000   2

100   1800

1200

10000   7,5

16
4
1800   50 / 150
9,5
36.365.01   36.363.01 / 36.364.01
36.362.01

(-)
(+)   39.297.38 / 36.248.01

12VDC

50/150mm

+   +
16

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic by HALEMEIER
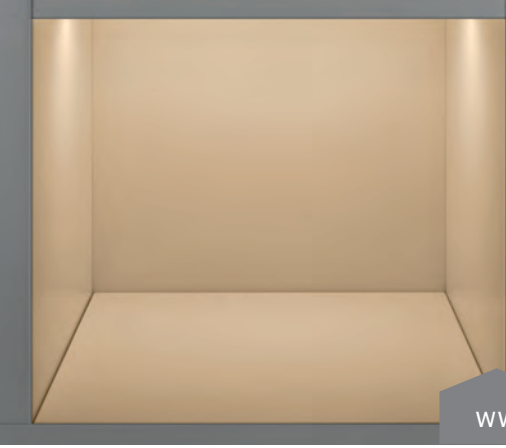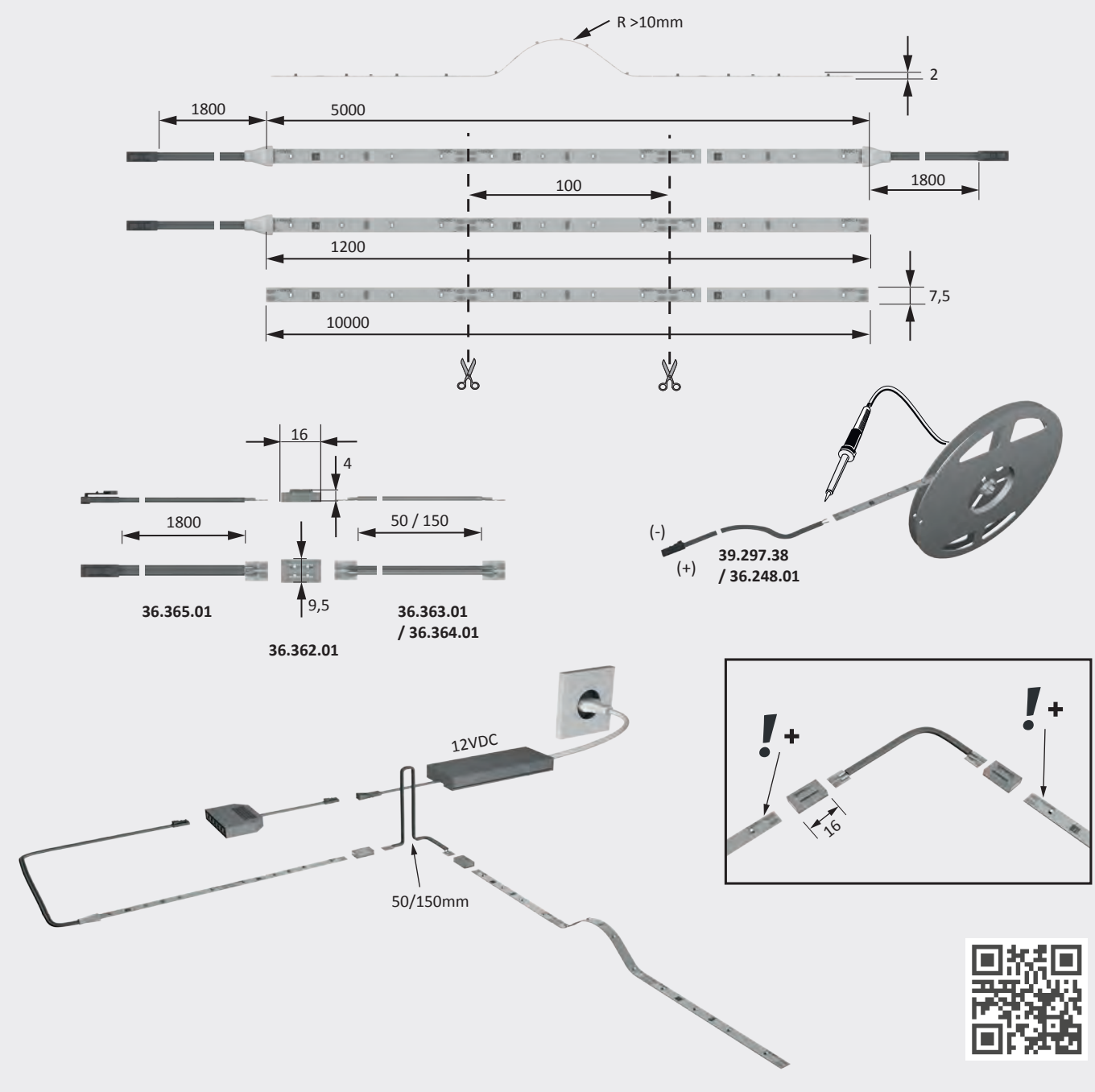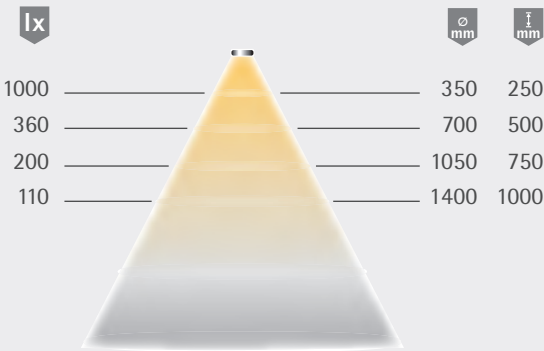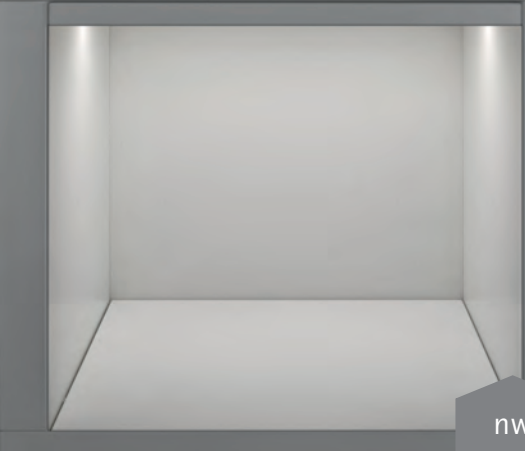
Versa Inside 80

Advantages
▸ 30 % more uniform light distribution
▸ 30 % more efficient
▸ 30 % more light
▸ 0% more power consumption
   than the predecessor Versa Inside 60

Features
▸ Lead on both sides for the 5000 mm length
   (one cut, two lights), see drawing

Examples of use
▸ Universal application
▸ Accent lighting in the living area

Order information
▸ Feeders and/or solder leads needed for the
   10 m roll
▸ For selection see Versa- and ChannelLine
   overview

Technical details

12 V

Versa Inside 80

	MultiWhite*	XtraWarm	WarmWhite	NeutralWhite	CoolWhite
1200 mm (max. 5.8 W)	–	56 001 42	56 001 12	56 001 02	56 001 22
5000 mm (max. 24 W)	56 001 33	56 001 43	56 001 13	56 001 03	56 001 23
10000 mm (max. 4.8 W/m)	56 001 31	56 001 41	56 001 11	56 001 01	56 001 21

Accessories**

	1 piece	10 piece
Direct connector	36 362 01	36 362 11
Flexible connector 50 mm	36 363 01	36 363 11
Flexible connector 150 mm	36 364 01	36 364 11
Feeder 1800 mm for sections	36 365 01	–
Soldering lead 130 mm for sections	39 297 38	–
Soldering lead 1800 mm for sections	36 248 01	–
LED ballast 15 W with flat Euro plug	30 996 17	–
LED ballast 30 W with flat Euro plug	31 002 07	–
M1 extension lead 1800 mm	36 768 01	–
M1 3-way distributor 180 mm	36 852 01	–

* MultiWhite accessories required
** Further accessories in section Switch systems

Luminaire type: Surface-mounted light
Type of lighting: Accent lighting
Operating voltage: 12 V DC
Light colours: XtraWarmWhite/
 WarmWhite/
 NeutralWhite/
 CoolWhite/
 MultiWhite
Colour rendering: RA >90; R9 >60
Luminous flux: 600 lm/m
Light source efficiency: 125 lm/W
Life span: 40,000 h (L70)
Power consumption: 4.8 W/m
Max. length
at a stretch: 7 m
Dimmable: Yes/PWM/Smart.home
Number of LEDs: 80/m
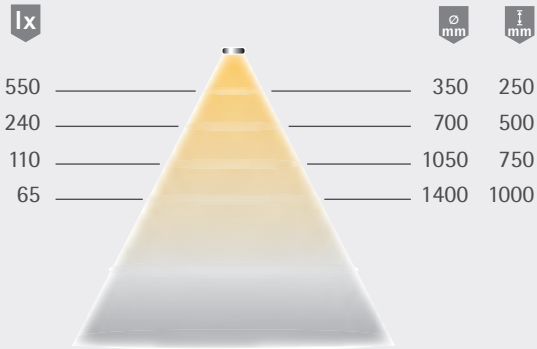Beam angle: 120°
Half value angle: 70°
Test marks and symbols: CE UK ◇ ▽▽
Supply lead: 1800 mm
Plug connector: LED mini connector M1
 (max. 36 W)
Protection rating: IP 20
Connection to: LED ballast

Light distribution diagram 70°

lx		ø mm	i mm
1000		350	250
360		700	500
200		1050	750
110		1400	1000

Light box

nw

Dimensional drawing / installation   ⟋ Can be individually cut to size

R >10mm
2
1800
1200
1800
50
5000
7,5
10000
MultiWhite*

16
4
1800
50 / 150
9,5
36.365.01
36.362.01
36.363.01 / 36.364.01

12VDC
50/150mm

!+
!+
16

(-)
(+)
39.297.38 / 36.248.01

42

43

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic by HALEMEIER

Light distribution diagram 70°

lx		ø mm	i mm
1450		350	250
525		700	500
250		1050	750
140		1400	1000

Light box

WW

Versa Inside 120

Advantages
▸ 30 % more uniform light distribution
▸ 30 % more efficient
▸ 30 % more light
▸ 0% more power consumption
  than the predecessor Versa Inside 90

Features
▸ Lead on both sides for the 5000 mm length
  (one cut, two lights), see drawing

Examples of use
▸ Perfect for interior cabinet lighting
▸ Accent lighting in bright surroundings

Order information
▸ Feeders and/or solder leads needed for the
  10 m roll
▸ For selection see Versa- and ChannelLine
  overview

Technical details

12 V

Versa Inside 120	MultiWhite*	XtraWarm	WarmWhite	NeutralWhite	CoolWhite
1200 mm (max. 8.6 W)	–	56 002 42	56 002 12	56 002 02	56 002 22
5000 mm (max. 36 W)	56 002 33	56 002 43	56 002 13	56 002 03	56 002 23
10000 mm (max. 7.2 W/m)	56 002 31	56 002 41	56 002 11	56 002 01	56 002 21

Accessories*

	1 piece	10 piece
Direct connector	36 362 01	36 362 11
Flexible connector 50 mm	36 363 01	36 363 11
Flexible connector 150 mm	36 364 01	36 364 11
Feeder 1800 mm for sections	36 365 01	–
Soldering lead 130 mm for sections	39 297 38	–
Soldering lead 1800 mm for sections	36 248 01	–
LED ballast 15 W with flat Euro plug	30 996 17	–
LED ballast 30 W with flat Euro plug	31 002 07	–
M1 extension lead 1800 mm	36 768 01	–
M1 3-way distributor 180 mm	36 852 01	–

* MultiWhite accessories required

Luminaire type:	Surface-mounted light
Type of lighting:	Functional lighting / accent lighting
Operating voltage:	12 V DC
Light colours:	XtraWarmWhite/ WarmWhite/ NeutralWhite/ CoolWhite/ MultiWhite
Colour rendering:	RA >90; R9 >60
Luminous flux:	900 lm/m
Efficiency light source:	125 lm/W
Lifespan:	40,000 h (L70)
Power consumption:	7.2 W/m
Max. length at a stretch:	5 m
Dimmable:	Yes/PWM/Smart.home
LED count:	120/m
Beam angle:	120°
Half value angle:	70°
Test marks and symbols:	CE UK
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini connector M1 (max. 36 W)
Connection to:	LED ballast

Dimensional drawing / installation Can be individually cut to size

R >10mm

2

1800   1200   1800

5000

10000   7,5

33,3

MultiWhite

16
4

1800   50 / 150

9,5

36.365.01

36.363.01 / 36.364.01

36.362.01

16

12VDC

50/150mm

(-)
(+)   39.297.38 / 36.248.01

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic by HALEMEIER

Light distribution diagram 70°

lx	⌀ mm	i mm
1950	350	250
700	700	500
360	1050	750
200	1400	1000

Light box

nw

Dimensional drawing / installation   ✂ Can be individually cut to size

R >10mm
2
1800   3000   1800
10000
7,5
25

MultiWhite
25

16
4
1800   50 / 150
36.365.01   9,5   36.363.01 / 36.364.01
36.362.01

12VDC
50/150mm

(-)
(+)   39.297.38 / 36.248.01

16

Versa Inside 160 / 12 Volt DC

Advantages
▶ 30 % more uniform light distribution
▶ 30 % more efficient
▶ 30 % more light
▶ 0% more power consumption than the predecessor Versa Inside 120

Features
▶ Lead on both sides for the 3000 mm length (one cut, two lights), see drawing
▶ Same brightness as Versa Inside 160 (24 Volt DC)

Examples of use
▶ Ideal for task and functional lighting

Order information
▶ Feeders and/or solder leads needed for the 10 m roll
▶ For selection see Versa- and ChannelLine overview

Technical details

12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Function lighting/ accent lighting
Operating voltage:	12 V DC
Light colours:	XtraWarmWhite/ WarmWhite/ NeutralWhite/ CoolWhite/ MultiWhite
Colour rendering:	RA >90; R9 >60
Luminous flux:	1200 lm/m
Light source efficiency:	125 lm/W
Lifespan:	40,000 h (L70)
Power consumption:	9.6 W/m
Max. length at a stretch:	12V - 3.75 m
Dimmable:	Yes/PWM/Smart.home
Number of LEDs:	160/m
Beam angle:	120°
Half value angle:	70°
Test marks and symbols:	CE ...
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini connector M1 (max. 36 W)
Connection to:	LED ballast

Versa Inside 160

	MultiWhite*	XtraWarm	WarmWhite	NeutralWhite	CoolWhite
3000 mm (max. 28.8 W)	56 003 32	56 003 42	56 003 12	56 003 02	56 003 22
10000 mm (max. 9.6 W/m)	56 003 31	56 003 41	56 003 11	56 003 01	56 003 21

Accessories*

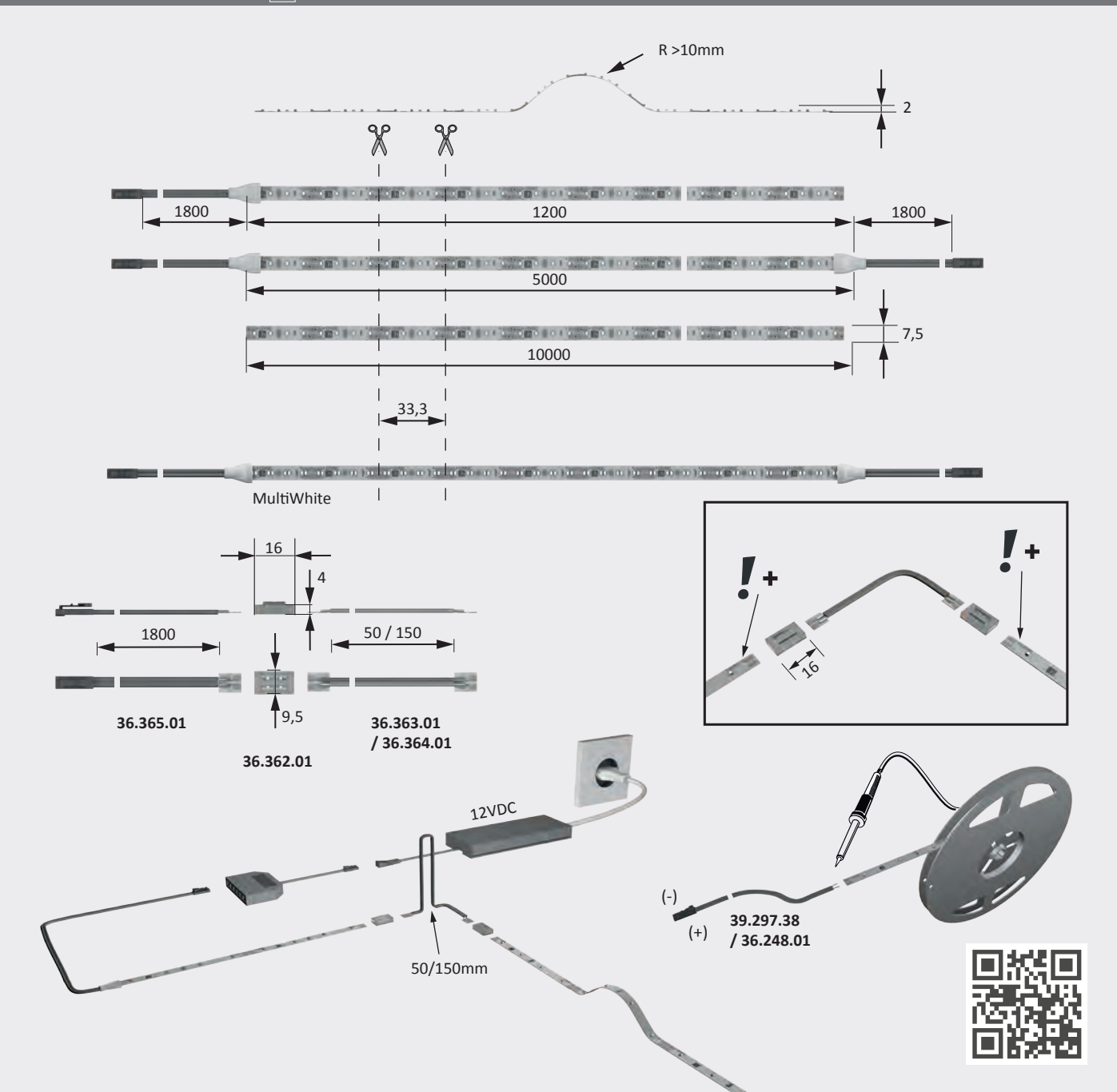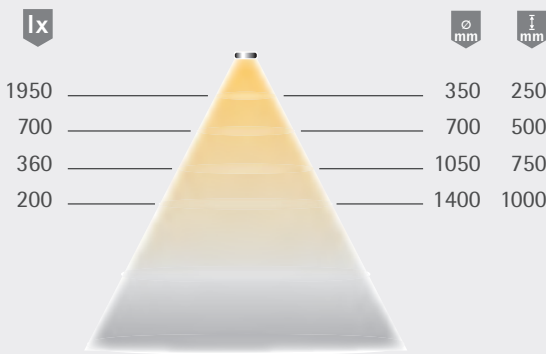|	1 piece	10 piece
Direct connector	36 362 01	36 362 11
Flexible connector 50 mm	36 363 01	36 363 11
Flexible connector 150 mm	36 364 01	36 364 11
Feeder 1800 mm for sections	36 365 01	-
Soldering lead 130 mm for sections	39 297 38	-
Soldering lead 1800 mm for sections	36 248 01	-
LED ballast 15 W with flat Euro plug	30 996 17	-
LED ballast 30 W with flat Euro plug	31 002 07	-
M1 extension lead 1800 mm	36 768 01	-
M1 3-way distributor 180 mm	36 852 01	-

* MultiWhite accessories required
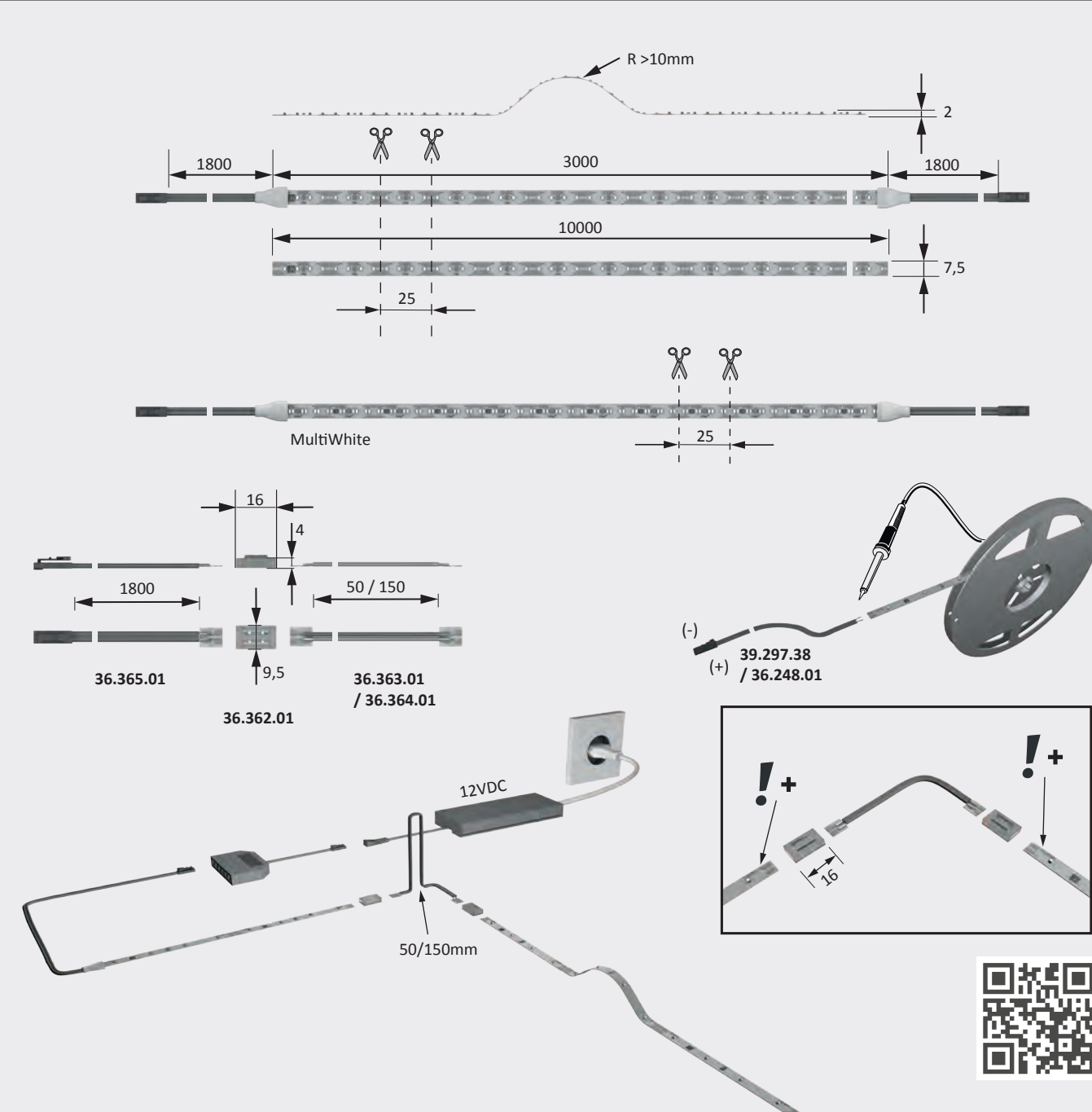
Versa Inside 160 / 24 Volt DC

Advantages
▶ 30 % more uniform light distribution
▶ 30 % more efficient
▶ 30 % more light
▶ 0% more power consumption
   than the predecessor Versa Inside 120

Features
▶ Lead on both sides for the 5000 mm length
   (one cut, two lights), see drawing
▶ Same brightness as Versa Inside 160
   (12 Volt DC)

Examples of use
▶ Perfect for indirect room lighting

Order information
▶ Feeders and/or solder leads needed for the
   10 m roll
▶ For selection see Versa- and ChannelLine
   overview

Versa Inside 160

	XtraWarm	WarmWhite	NeutralWhite	CoolWhite
1200 mm (max. 11.5 W)	56 006 42	56 006 12	56 006 02	56 006 22
5000 mm (max. 48 W)	56 006 43	56 006 13	56 006 03	56 006 23
10000 mm (max. 9.6 W/m)	56 006 41	56 006 11	56 006 01	56 006 21

Accessories*

	1 piece	10 piece
Direct connector (max. 72 W)	36 362 01	36 362 11
Flexible connector 50 mm (max. 72 W)	36 363 01	36 363 11
Flexible connector 150 mm (max. 72 W)	36 364 01	36 364 11
Feeder 1800 mm for sections (max. 72 W)	36 366 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	–
MP2 extension lead 1800 mm	36 177 01	
LED ballast with Euro flat plug (75 W)	31 017 01	–
LED ballast with Euro flat plug (150 W)	30 017 11	–
MP2 2-way distributor	39 422 51	–
MP2 6-way distributor	36 996 01	–

* Further accessories in section Switch systems

Technical details

24 V MP

Luminaire type:	Surface-mounted light
Type of lighting:	Functional lighting / accent lighting
Operating voltage:	24 V DC
Light colours:	XtraWarmWhite/ WarmWhite/ NeutralWhite/ CoolWhite
Colour rendering	RA >90; R9 >60
Luminous flux:	1200 lm/m
Light source efficiency:	125 l/W
Life span:	40,000 h (L70)
Power consumption:	9.6 W/m
Max. length at a stretch:	5 m
Dimmable:	Yes/PWM/Smart.home
Number of LEDs:	160/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK ◇ ▽▽
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED-MultiPlug MP2 (max. 192 W)
Connection to:	LED ballast

Light distribution diagram 70°

lx

1950
700
360
200

ø mm | i mm
350 | 250
700 | 500
1050 | 750
1400 | 1000

Light box

nw

Dimensional drawing / installation can be individually cut to size

R >10mm
2
1800
1200
50
1800
5000
7,5
10000

16
4
1800
50 / 150
9,5

36.366.01
36.363.01 / 36.364.01
36.362.01

36.247.01 / 02
(+)
(-)

24VDC

50/150mm

+
+
16

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER
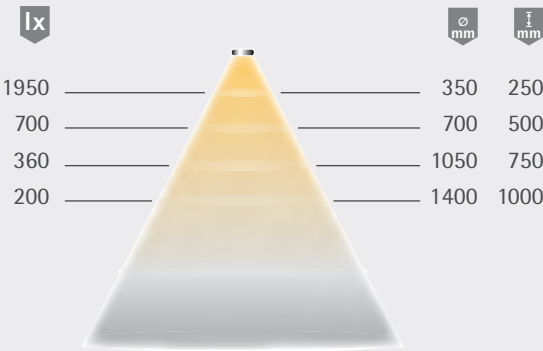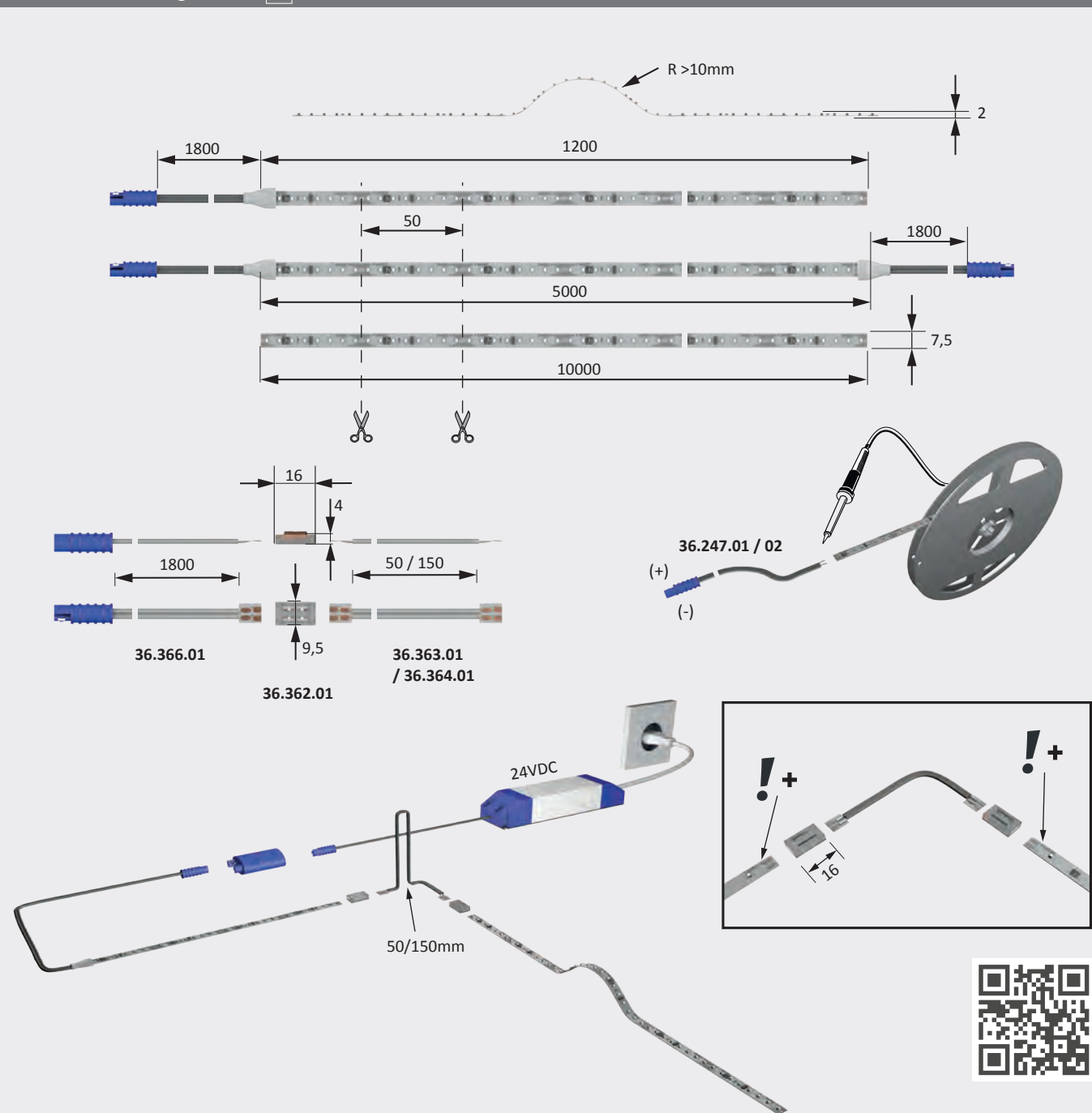
Versa Inside 233 HP

Advantages
▸ Very close LED spacing: 233 LED/m
▸ Can be shortened every 30 mm
▸ Flexible, self-adhesive

Features
▸ Homogeneous illumination of all ChannelLine profiles
▸ Lead on both sides for the 3000 mm length (one cut, two lights)
▸ Low installation height

Examples of use
▸ Luminaire design for high lighting requirements
▸ Must be used with aluminium profiles
▸ Clamped connections not permitted

Order information
▸ Soldering leads are required for the 10 m roll
▸ For selection see Versa- and ChannelLine Overview

Versa Inside 233 HP

	XtraWarm	WarmWhite	NeutralWhite	CoolWhite
1200 mm (max. 28.8 W)	55 844 42	55 844 12	55 844 02	55 844 22
3000 mm (max. 72 W)	55 844 44	55 844 14	55 844 04	55 844 24
10000 mm (max. 24 W/m)	55 844 41	55 844 11	55 844 01	55 844 21

Accessories*

Feeder for soldering 1800 mm for sections (max. 72 W)	36 247 01
Feeder for soldering 130 mm for sections (max. 72 W)	36 247 02
Feeder for soldering 1800 mm for sections (max. 150 W)	39 416 01
Feeder for soldering 130 mm for sections (max. 150 W)	39 416 02
LED ballast with Euro flat plug (75 W)	31 017 01
LED ballast with Euro flat plug (150 W)	30 017 11
MP2 extension lead 1800 mm	36 177 01
MP2 2-way distributor	39 422 51
MP2 6-way distributor	36 996 01

* Further accessories in section Switch systems

Technical details

24 V
MP

Luminaire type:	Surface-mounted light
Type of lighting:	Functional lighting
Operating voltage:	24 V DC
Light colours:	XtraWarmWhite/ WarmWhite/ NeutralWhite/ CoolWhite
Colour rendering:	RA >90; R9 >70
Luminous flux:	2200 lm/m
Light source efficiency:	90 lm/W
Life span:	40,000 h (L70)
Power consumption:	24 W/m
Max. length at a stretch:	3 m
Dimmable:	Yes/PWM/Smart.home
Number of LEDs:	233/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK ⊗ ⩗⩗
Protection rating:	IP 20
Plug connector:	LED MultiPlug MP2 (max. 192 W)
Connection to:	LED ballast

Light distribution diagram 70°

lx		⌀ mm	i mm
4500		350	250
1500		700	500
800		1050	750
500		1400	1000

Light box

nw

Dimensional drawing / installation Can be individually cut to size

30
7,5
10000

(-)
(+)
1800   3000   1800

1800   1200

36.247.01 / 02
39.416.01 / 02

(+)
(-)
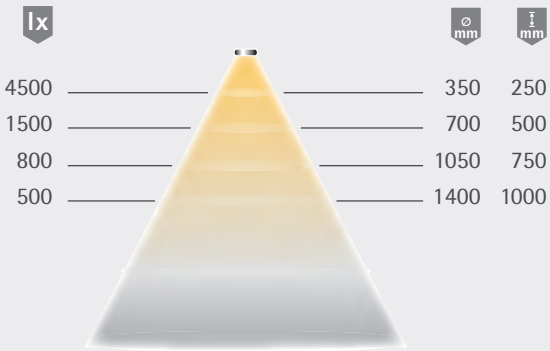
Linear lights   ChannelLine profile   Spotlights   Special lights   Switch systems   Ballasts / leads   Lighting knowledge
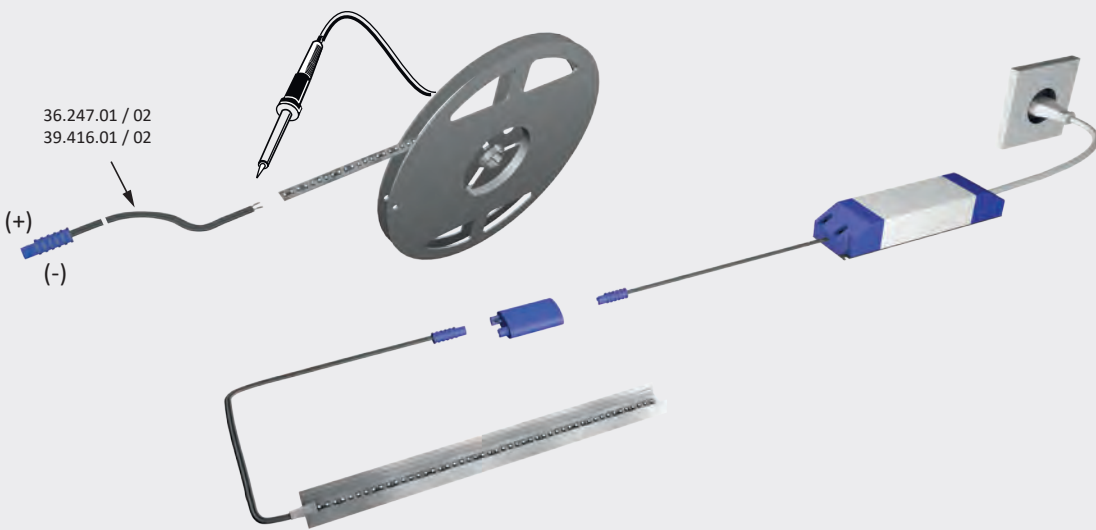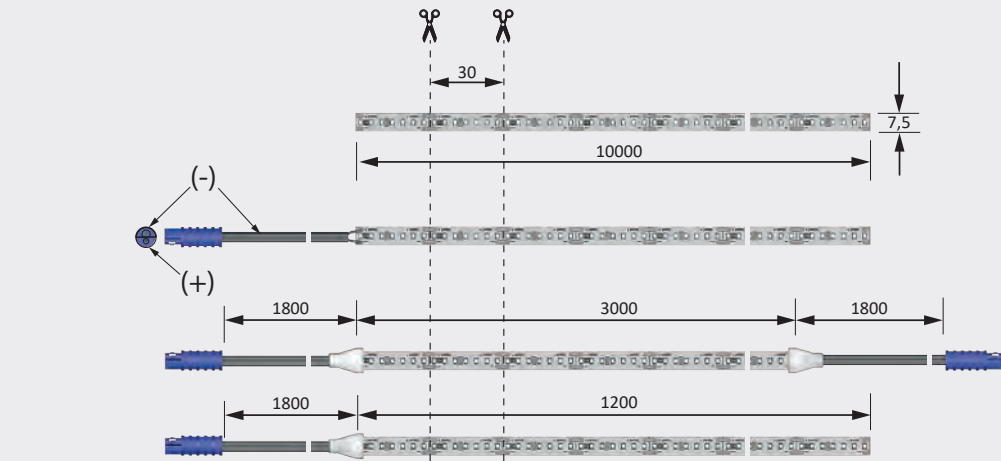
Versa Linear

Advantages
▶ Extremely uniform, homogeneous luminous surface
▶ Equally suited for unctional and accent lighting
▶ Perfect results even in flat profiles

Features
▶ Homogeneous illumination in ChannelLine profiles
▶ For 3000 mm length power supply from two sides (one cut, two lights), see drawing
▶ COB (Chip-On-Board) with continuous phosphor coating

Examples of use
▶ Especially for flat ChannelLine profiles
▶ Ideal for ChannlLine I, I2 and M
▶ Suitable for applications where the light source is visible e.g. frame lighting on mirror cabinet

Order information
▶ Soldering leads are required for the 10 m roll
▶ Colour uniformity (chromaticity) may vary
▶ For selection see Versa- and ChannelLine Overview

Versa Linear (COB technology)

	XtraWarm	WarmWhite	NeutralWhite
1200 mm (max. 12 W)	56 009 42	56 009 12	56 009 02
3000 mm (max. 30 W)	56 009 43	56 009 13	56 009 03
10000 mm (max. 10 W/m)	56 009 41	56 009 11	56 009 01

Accessories*

	1 piece	10 piece
Direct connector COB	36 358 01	36 358 11
Flexible connector 50 mm COB	36 359 01	36 359 11
Flexible connector 150 mm COB	36 360 01	36 360 11
Feeder 1800 mm for sections COB	36 361 01	–
Soldering lead 130 mm for sections (max. 72 W)	39 297 38	–
Soldering lead 1800 mm for sections (max. 72 W)	36 248 01	–
LED ballast 15 W with flat Euro plug	30 996 17	–
LED ballast 30 W with flat Euro plug	31 002 07	–
M1 extension lead 1800 mm	36 768 01	–
M1 3-way distributor 180 mm	36 852 01	–

* Further accessories in section Switch systems

Technical details

12 V

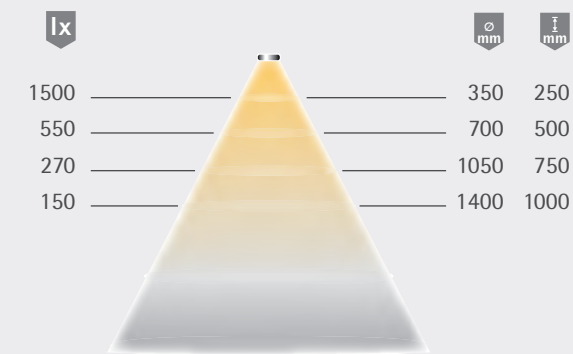|	
Luminaire type:	Surface-mounted light
Type of lighting:	Function lighting/ Accent lighting
Operating voltage:	12 V DC
Light colours:	XtraWarmWhite/ WarmWhite/ NeutralWhite
Colour rendering:	RA >90; R9 >60
Luminous flux:	1000 lm/m
Light source efficiency:	100 lm/W
Life span:	40,000 h (L70)
Power consumption:	10 W/m
Max. length at a stretch:	3.6 m
Dimmable:	Yes/PWM/Smart.home
Number of LEDs:	120/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK ⌂ VV
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini connector M1 (max. 36 W)
Connection to:	LED ballast

Light distribution diagram 70°

lx		⌀ mm	i mm
1500		350	250
550		700	500
270		1050	750
150		1400	1000

Light box

nw

Dimensional drawing / installation can be individually cut to size

R >10mm
2
1800
1200
8
3000
1800
10000
25

12VDC
50/150mm

16
4
1800
50 / 150
10
36.361.01
36.358.01
36.359.01 / 36.360.01

!+
!+
16
(-)
(+)

magic by HALEMEIER

Versa Plus 80

Advantages
▸ 30 % more uniform light distribution
▸ 30 % more efficient
▸ 30 % more light
▸ 0% more power consumption
  than the predecessor Versa Plus 60

Features
▸ Protection against splash water (suitable for damp locations)
▸ Lead on both sides for the 5000 mm length
  (one cut, two lights), see drawing

Examples of use
▸ Ideal under wall cabinets and in front of plinths
▸ Accent lighting e.g. on bed headboards
▸ Indirect lighting in unprotected areas

Order information
▸ For selection see Versa- and ChannelLine Overview

Versa Plus 80

	MultiWhite*	XtraWarm**	WarmWhite	NeutralWhite	CoolWhite
1200 mm (max. 5.8 W)	–	56 004 42	56 004 12	56 004 02	56 004 22
5000 mm (max. 24 W)	56 004 33	56 004 43	56 004 13	56 004 03	56 004 23

Accessories***

LED ballast 15 W with flat Euro plug	30 996 17
LED ballast 30 W with flat Euro plug	31 002 07
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01

* MultiWhite accessories required
** For Versa Plus 2500 K
*** Further accessories in section Switch systems

Technical details

12 V

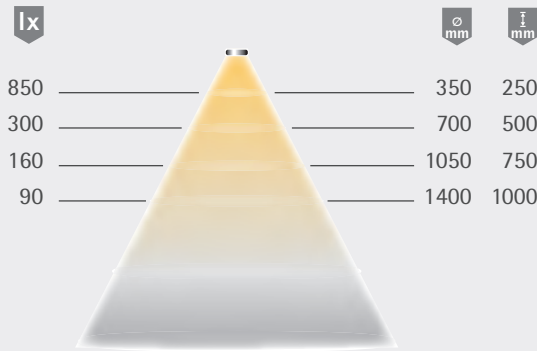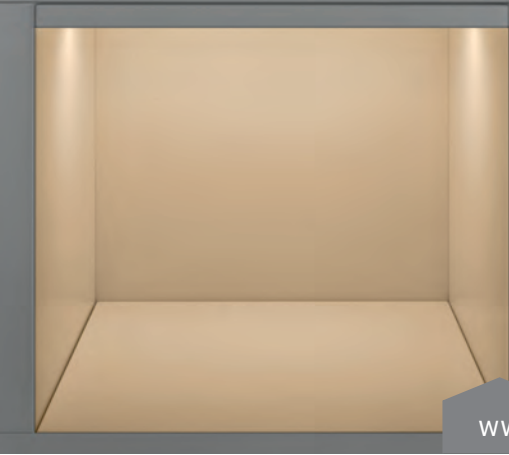|	
Luminaire type:	Surface-mounted light
Type of lighting:	Accent lighting
Operating voltage:	12 V DC
Light colours:	XtraWarmWhite/ WarmWhite/ NeutralWhite/ CoolWhite/ MultiWhite
Colour rendering:	RA >90
Luminous flux:	480 lm/m
Light source efficiency:	100 lm/W
Life span:	40,000 h (L70)
Power consumption:	4.8 W/m
Max. length at a stretch:	5 m
Dimmable:	Yes/PWM/Smart.home
Number of LEDs:	80/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK ◇ WW
Protection rating:	IP 44 (Only in the gated area)
Supply lead:	1800 mm
Plug connector:	LED mini connector M1 (max. 36 W)
Connection to:	LED ballast

Light distribution diagram 70°

lx		⌀ mm	i mm
850		350	250
300		700	500
160		1050	750
90		1400	1000

Light box

WW

Dimensional drawing / installation   ◫ Can be individually cut to size

R >10mm

1800   1200   3

7,5

50

5000

MultiWhite   5000   1800

12VDC

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
by HALEMEIER

Versa Up&Down 80

Advantages
▸ Needs hardly any distance to the back wall to create a strong light effect
▸ Ideal for upgrading finished furniture

Features
▸ LED lights on both sides (see drawing)
▸ Lead on both sides for the 3000 mm length (one cut, two lights)
▸ Low installation height

Examples of use
▸ Back wall lighting in showcases or shelves

Order information
▸ Feeders and/or solder leads needed for the 10 m roll
▸ Spacers to the rear wall must be be ordered

Technical details

12 V

Versa Up&Down 80

	WarmWhite	NeutralWhite
3000 mm (max. 29 W)	56 007 12	56 007 02
10000 mm (max. 9.6 W/m)	56 007 11	56 007 01

Accessories*

	1 piece	10 piece
Direct connector	36 362 01	36 362 11
Flexible connector 50 mm	36 363 01	36 363 11
Flexible connector 150 mm	36 364 01	36 364 11
Feeder 1800 mm for sections	36 365 01	–
Soldering lead 130 mm for sections	39 297 38	–
Soldering lead 1800 mm for sections	36 248 01	–
LED ballast 15 W with flat Euro plug	30 996 17	–
LED ballast 30 W with flat Euro plug	31 002 07	–
M1 extension lead 1800 mm	36 768 01	–
M1 3-way distributor 180 mm	36 852 01	
Spacer	–	18 491 10

* Further accessories in section Switch systems

Luminaire type: Surface-mounted light
Type of lighting: Accent lighting
Operating voltage: 12 V DC
Light colours: WarmWhite/NeutralWhite
Colour rendering: RA >90
Luminous flux: 1000 lm/m
Light source efficiency: 104 lm/W
Life span: 40,000 h (L70)
Power consumption: 9.6 W/m
Max. length at a stretch: 3 m
Dimmable: Yes/PWM/Smart.home
Number of LEDs: 2 x 80/m
Beam angle: 2 x 90°
Half value angle: 2 x 70°
Test mark and symbols: CE UKCA
Protection rating: IP 20
Supply lead: 2 x 1800 mm
Plug connector: LED mini connector M1 (max. 36 W)
Connection to: LED ballast
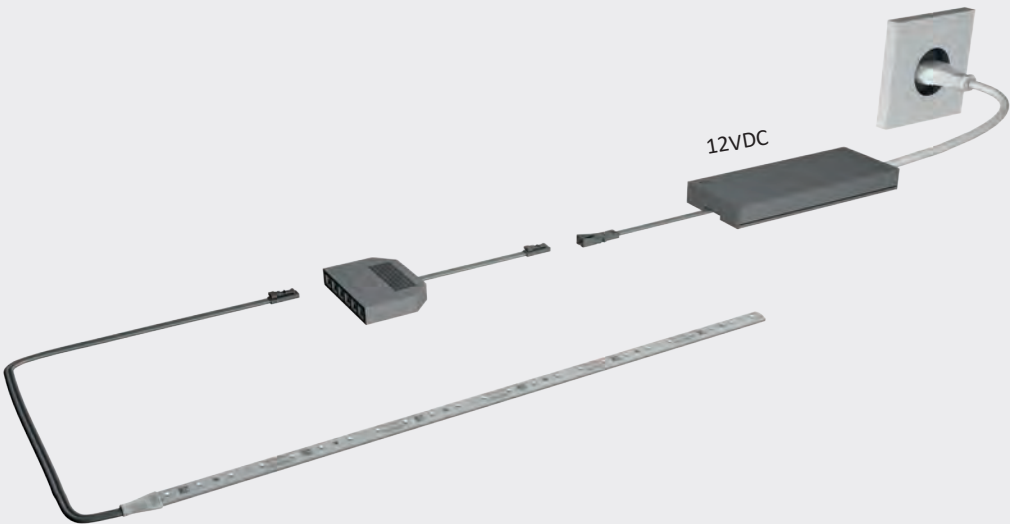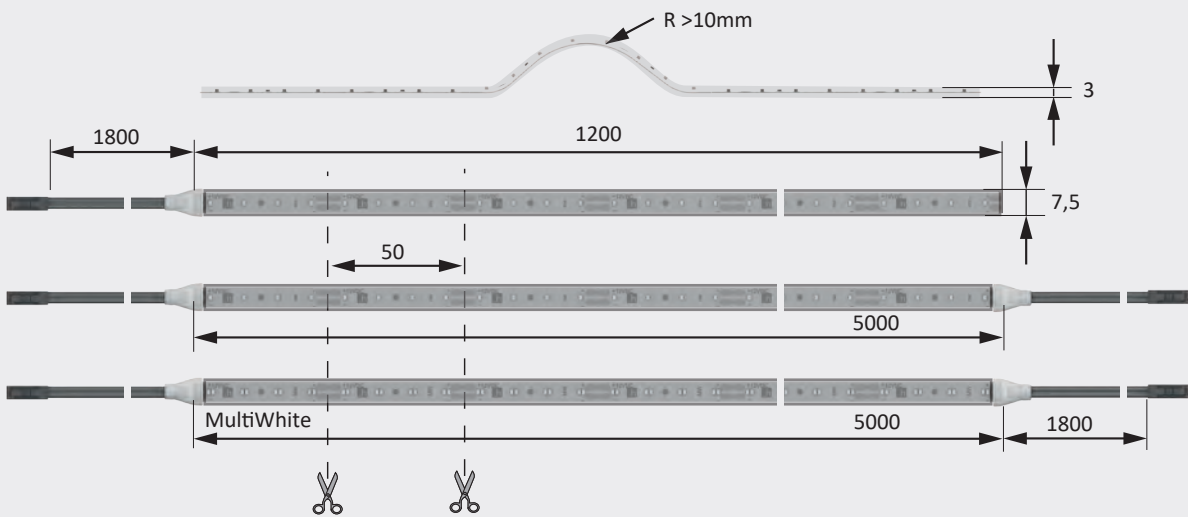
Light distribution diagram 2 x 70°
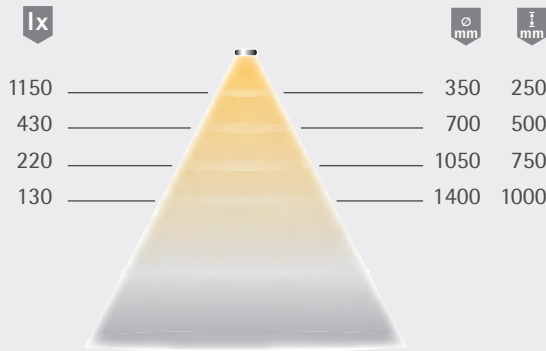
lx		∅ mm	i mm
1150		350	250
430		700	500
220		1050	750
130		1400	1000

Light box

nw

Dimensional drawing / installation — Can be individually cut to size

36.365.01
36.362.01
36.363.01 / 36.364.01
39.297.38 / 36.248.01
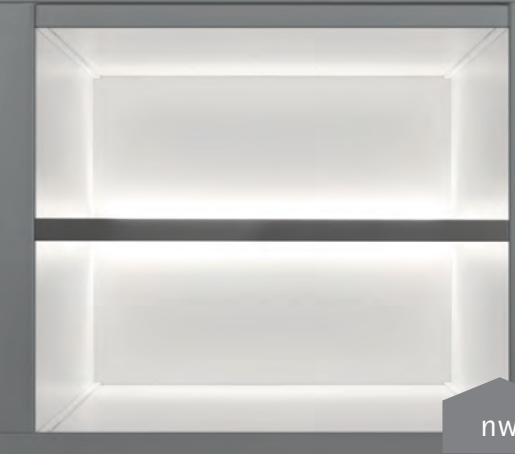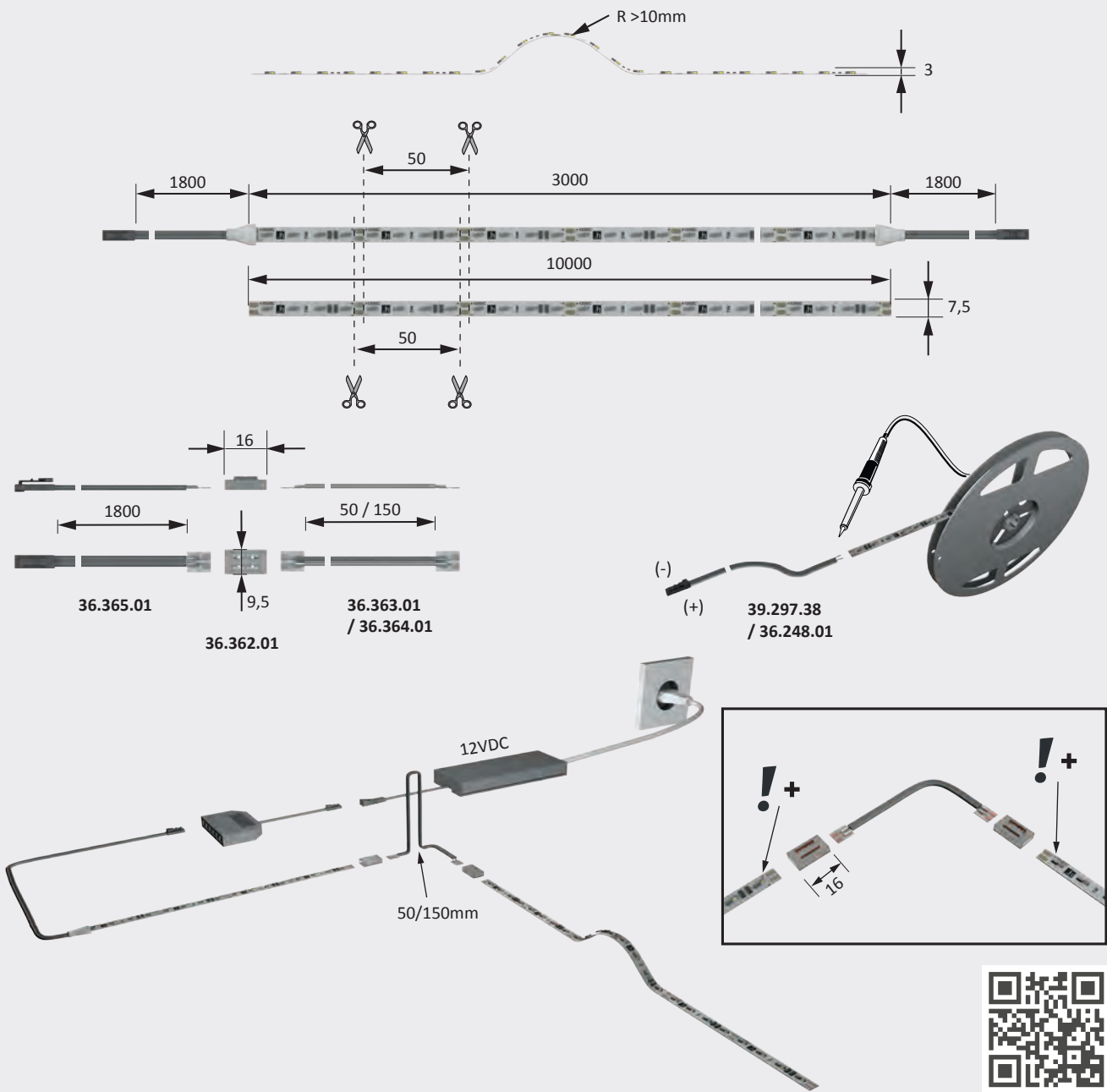
Versa SuperPlus

Advantages
▸ Evenly illuminated area
▸ Lateral bending direction (see drawing)
▸ Flush mounting possible
▸ Can be individually cut to size

Features
▸ Protection against water jets from all
  directions (IP 65)
▸ Suitable for damp locations
▸ Supply lead on both sides (one cut, two lights),
  see drawing

Examples of use
▸ Round counters
▸ Decorative surfaces with visible curves
▸ Particularly narrow cabinet interior lighting

Order information
▸ Packaging unit consists of 1 piece Versa,
  2 end caps and a silicone tube for sealing
  in wet room applications

Technical details

24 V
MP

Versa Super Plus

	WarmWhite	NeutralWhite
2500 mm (max. 18.8 W)	55 815 11	55 815 02
5000 mm (max. 37.5 W)	55 815 10	55 815 01
Sample piece 1000 mm (max. 7.5 W)	55 815 15	55 815 05

Accessories*

LED ballast with Euro flat plug (75 W)	31 017 01
LED ballast with Euro flat plug (150 W)	30 017 11
MP2 2-way distributor	39 422 51
MP2 6-way distributor	36 996 01

Luminaire type: Surface-mounted light
Type of lighting: Accent lighting
Operating voltage: 24 V DC
Light colours: WarmWhite/
NeutralWhite
Colour rendering: RA >80
Luminous flux: 400 lm/m
Light source efficiency: 53 lm/W
Life span: 40,000 h (L70)
Power consumption: 7.5 W/m
Max. length
at a stretch: 5 m
Dimmable: Yes/PWM/Smart.home
Beam angle: 120°
Half value angle: 70°
Test marks and symbols: CE ⯑ ⯑ ⯑
Protection rating: IP 65 (Only in the
gated area)
Supply lead: 2 x 1800 mm
Plug connector: LED MultiPlug MP2
(max. 192 W)
Connection to: LED ballast

* Further accessories in section Switch systems

Light distribution diagram 70°

lx		⌀ mm	i mm
420		350	250
155		700	500
75		1050	750
45		1400	1000

Light box

nw

Dimensional drawing / installation Can be individually cut to size

1800   2500/5000   1800
8,3 ±0,2
IP 20   IP 65   IP 20
12
38

X₁   X₂   <15°

R ≥ 50mm   X₁   R ≥ 20mm   X₂
90°   90°

min. 250mm

≥ 8,5mm

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads
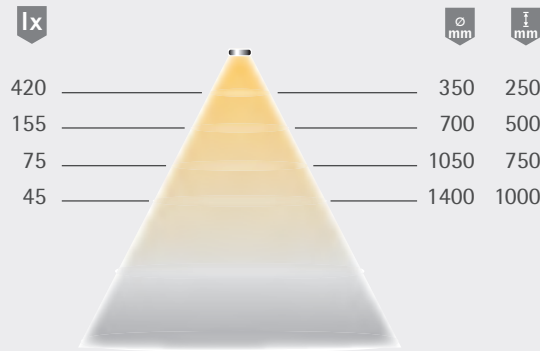
Lighting knowledge
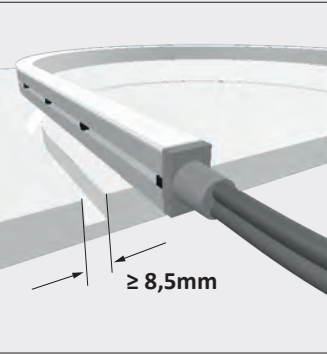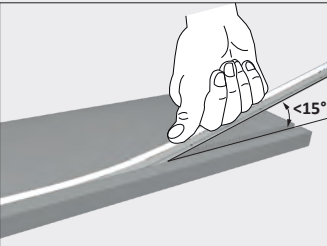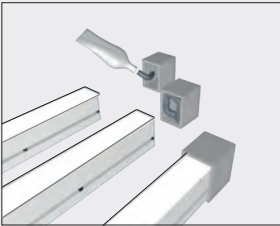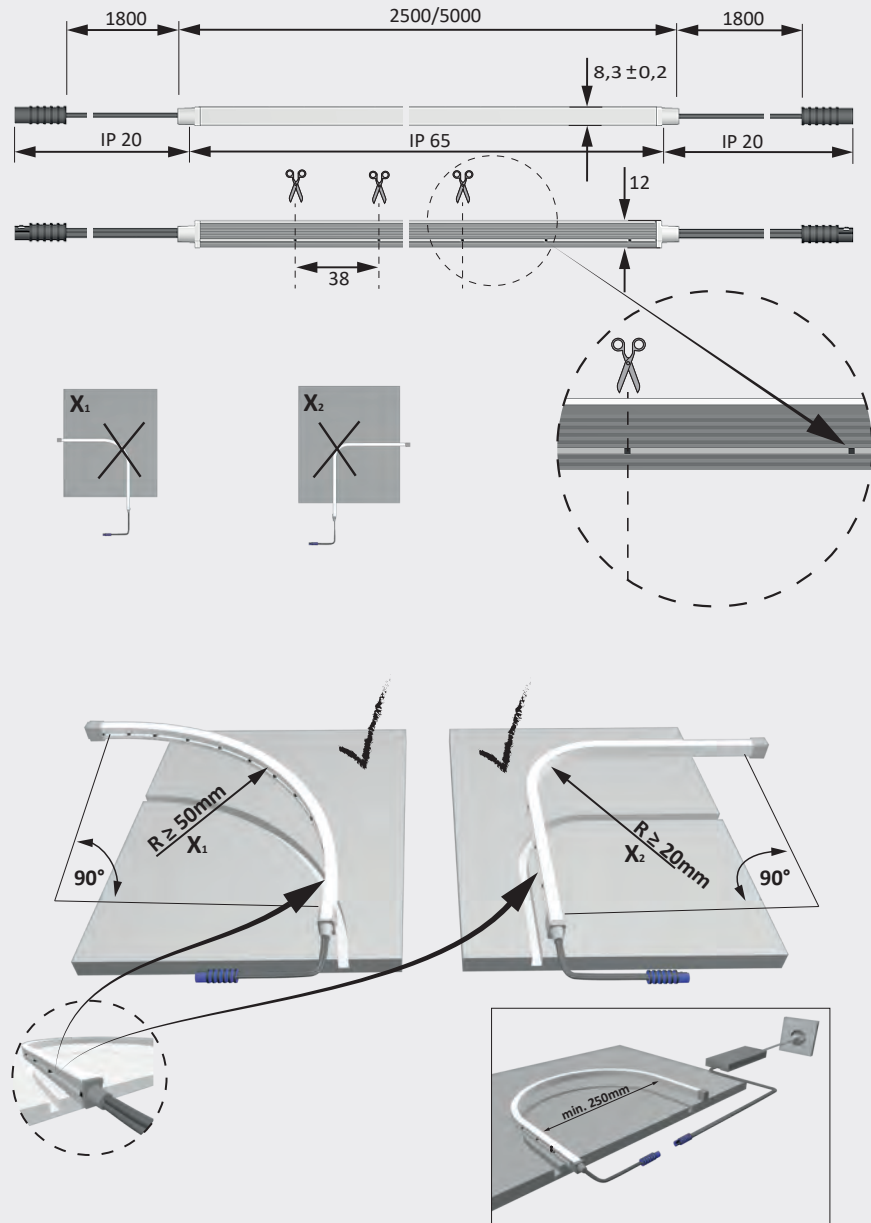
Versa SuperPlus Mini

Advantages
▸ Evenly illuminated area
▸ Lateral bending direction (see drawing)
▸ Flush mounting possible
▸ Can be individually cut to size

Features
▸ Protection against water jets from all directions
▸ Suitable for damp locations (IP 44)
▸ Supply lead on both sides (one cut, two lights), see drawing

Examples of use
▸ Round counters
▸ Decorative surfaces with visible curves
▸ Particularly narrow cabinet interior lighting

Technical details

12 V

Luminaire type:	LED surface-mounted/recessed light
Type of lighting:	Accent lighting
Operating voltage:	12 V DC
Light colours:	WarmWhite/NeutralWhite
Colour rendering:	RA >80
Luminous flux:	150 lm/m
Luminaire efficiency:	25 lm/W
Light source efficiency:	115 lm/W
Life span:	40,000 h (L70)
Power consumption:	6 W/m
Max. length at a stretch:	5 m
Dimmable:	Yes/PWM/Smart.home
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK ◇ ▽▽
Protection rating:	IP 44 (Only in the gated area)
Supply lead:	2 x 1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Versa Super Plus Mini

	WarmWhite	NeutralWhite
1200 mm (max. 7.2 W)	55 864 12	55 864 02
5000 mm (max. 30 W)	55 864 13	55 864 03

Accessories*

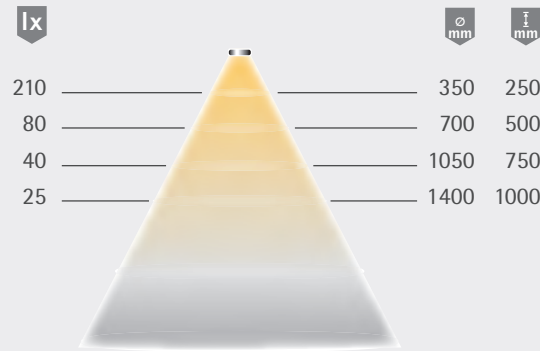|	
LED ballast with Euro flat plug (15 W)	30 996 17
LED ballast with Euro flat plug (30 W)	31 002 07
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01

* Further accessories in section Switch systems

Light distribution diagram 70°

lx		ø mm	i mm
210		350	250
80		700	500
40		1050	750
25		1400	1000

Light box

nw

Dimensional drawing / installation ⬚ Can be individually cut to size

1800   2500/5000   1800
4,0±0,3
IP 20   IP 65   IP 20
11
50

X₁   X₂

<15°

R ≥ 50mm   X₁   90°
R ≥ 20mm   X₂   90°

≥ 4,4mm

min. 250mm

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic
by HALEMEIER

Light box

RGB

Versa Inside MultiColor

Advantages
▸ Powerful luminaire with adjustable light colour (RGB)
▸ Pleasant rainbow colour spectrum
▸ Creates a feel-good atmosphere thanks to adjustable colour flow

Features
▸ Remote control of the light colour S-Mitter MultiColor
▸ Possibility of synchronous control of additional luminaires by repeater
▸ Setting of a fixed light colour possible, also after power failure (memory function)

Examples of use
▸ Indirect room lighting in ceilings, bathroom furniture and bed headboards
▸ Corporate colour in marketing and company logos
▸ Mood lighting in edges, plinths, panels and profiles

Order information
▸ S-Mitter remote control and receiver must be ordered separately
▸ Please note ChannelLine overview

Technical details

24 V
MP

Luminaire type:	Surface-mounted light
Type of lighting:	Accent lighting
Operating voltage:	24 V DC
Light colour:	MultiColor
Life span:	40,000 h (L70)
Power consumption:	14.4 W/m
Max. length at a stretch:	5 m
Dimmable:	Yes/PWM
Number of LEDs:	60/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE UK 🛆 ⊽⊽
Protection rating:	IP 20
Supply lead:	1700 mm
Plug connector:	LED Multi Color Plug connector
Connection to:	LED ballast and LED colour control

Versa Inside MultiColor

	MultiColor
5000 mm (max. 72 W)	55 659 01

Accessories*

S-Mitter Remote Control MultiColor	30 918 05
S-Mitter MultiColor receiver (max. 72 W)	30 923 05
MultiColor repeater (max. 72 W)	30 263 03
Direct connector 90° (max. 72 W) – Set of 10	36 311 04
Flexible connector 100 mm (max. 72 W) – set of 10	36 312 04
Feeder 1700 mm for sections (max. 72 W)	36 313 04
LED ballast 75 W with flat Euro plug	31 017 01
MultiColor extension lead 1800 mm	36 770 21
MultiColor 6-way distributor 2000 mm	36 122 11

* Further accessories in section Switch systems

Dimensional drawing / installation   ✂ Can be individually cut to size

1800   5000   1800
10
100

Repeater

S-Mitter MultiColor

ON - OFF
4x

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

Light box

RGB

Versa Inside MaxiColor

Advantages
▸ Powerful luminaire with adjustable light colour plus WarmWhite (RGB-W)
▸ Pleasant rainbow colour spectrum with pastel colours
▸ Creates a feel-good atmosphere thanks to adjustable colour flow
▸ Powerful light with colour change option plus WarmWhite (RGB-W)

Features
▸ Remote control of the light colour S-Mitter MaxiColor (4 light scenes)
▸ The use of an additional S-Mitter MaxiColor Smart receiver allows further wireless synchronous control (ZigBee/TouchLink) of additional luminaires
▸ Setting of a fixed light colour possible, also after power failure (memory function)

Examples of use
▸ Indirect room lighting in ceilings, bathroom furniture and bed headboards
▸ Corporate colour in Marketing and company logos
▸ Mood lighting in edges, plinths, panels and profiles
▸ Must be used with aluminium profiles

Order information
▸ S-Mitter remote control and Smart receiver must be ordered separately
▸ Please note ChannelLine overview

Technical details

24 V
MP

Luminaire type:	Surface-mounted light
Type of lighting:	Accent lighting
Operating voltage:	24 V DC
Light colours:	MultiColor and WarmWhite
Colour rendering*:	RA >80
Luminous flux*:	400 lm/m
Light source efficiency*:	80 lm/W
*applies to white LED only	
Life span:	40,000 h (L70)
Power consumption:	19.2 W/m
Max. length at a stretch:	5 m
Dimmable:	Yes/PWM/Smart.home
Number of LEDs:	60/m
Beam angle:	120°
Half value angle:	70°
Test mark and symbols:	CE ⯑ ⯑ ⯑
Protection rating:	IP 20
Supply lead:	2500 mm
Connection to:	LED ballast and LED colour control

Versa Inside MaxiColor (RGB-W)

	MaxiColor
5000 mm (max. 96 W)	56 011 01

Accessories*

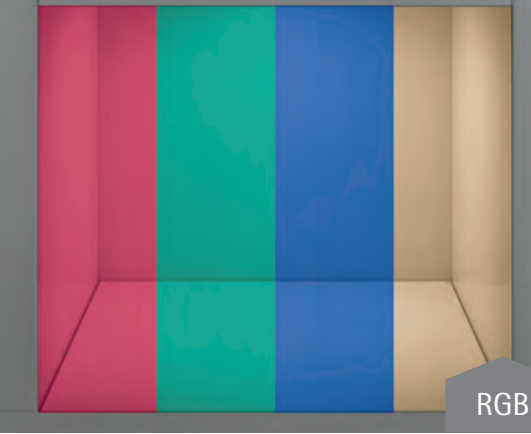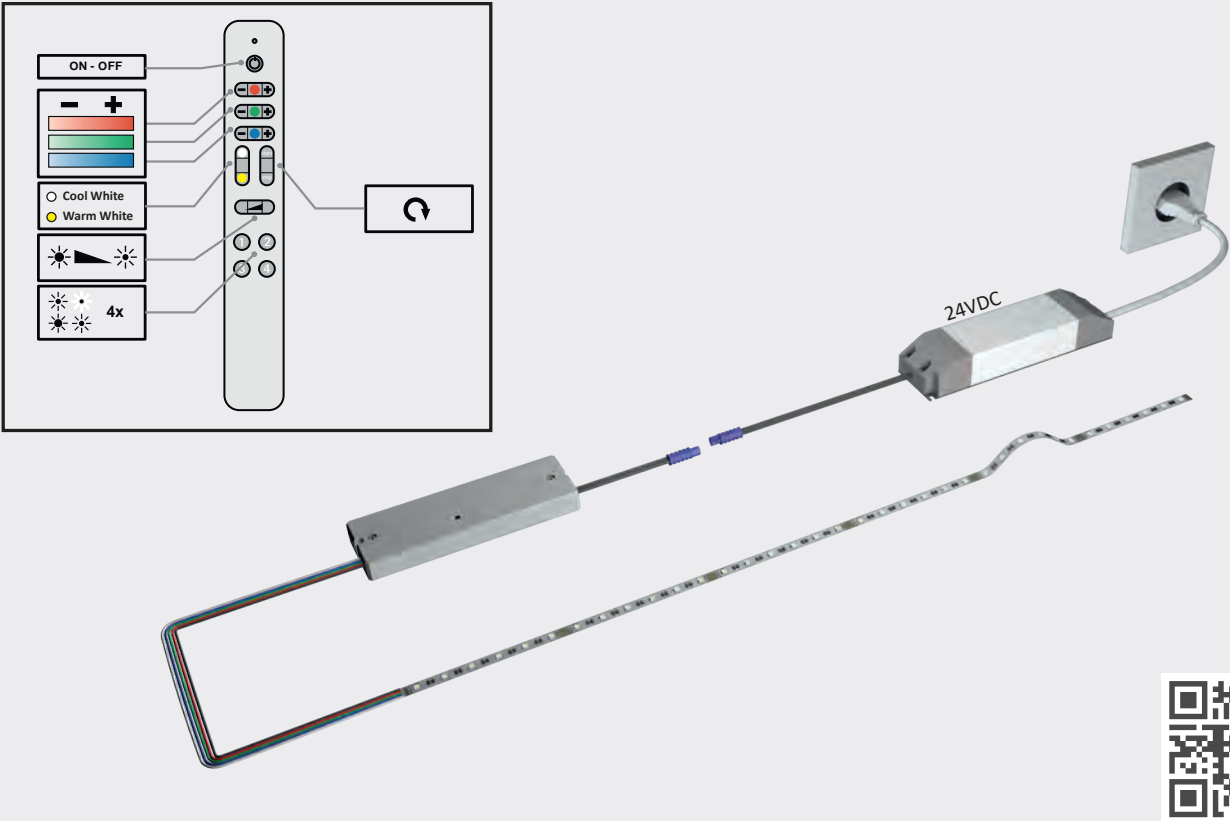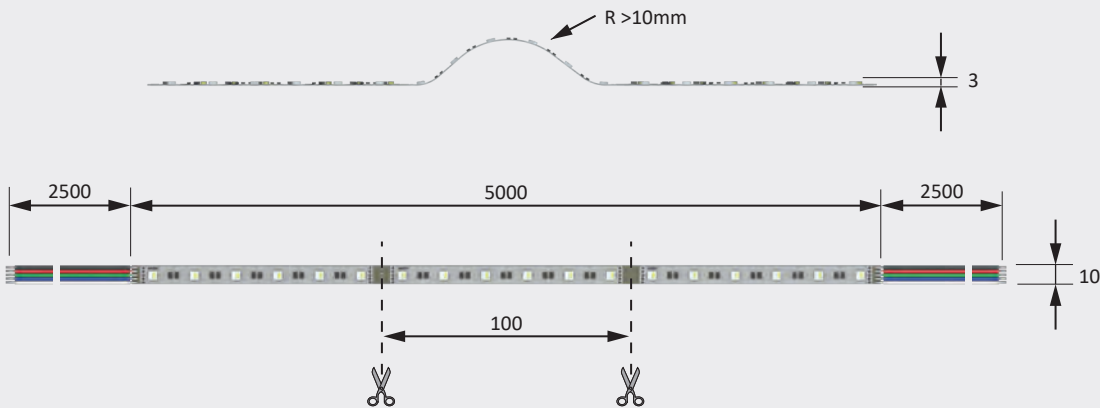|	
S-Mitter Smart remote control MaxiColor	31 132 01
S-Mitter Smart Receiver MaxiColor (max. 120 W)	31 133 01
LED ballast with Euro flat plug (75 W)	31 017 01
LED ballast with Euro flat plug (150 W)	30 017 11

* Further accessories in section Switch systems

Dimensional drawing / installation ⯑ Can be individually cut to size

R >10mm

3

| 2500 | 5000 | 2500 |

100

10

ON - OFF

Cool White
Warm White

4x

24VDC

64

65

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

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HALEMEIER sample sets

The perfect aid to sales

What light colours and intensities do the Versa LED strips have in use?
What effect do the new ChannelLine profiles have in black as compared to silver?
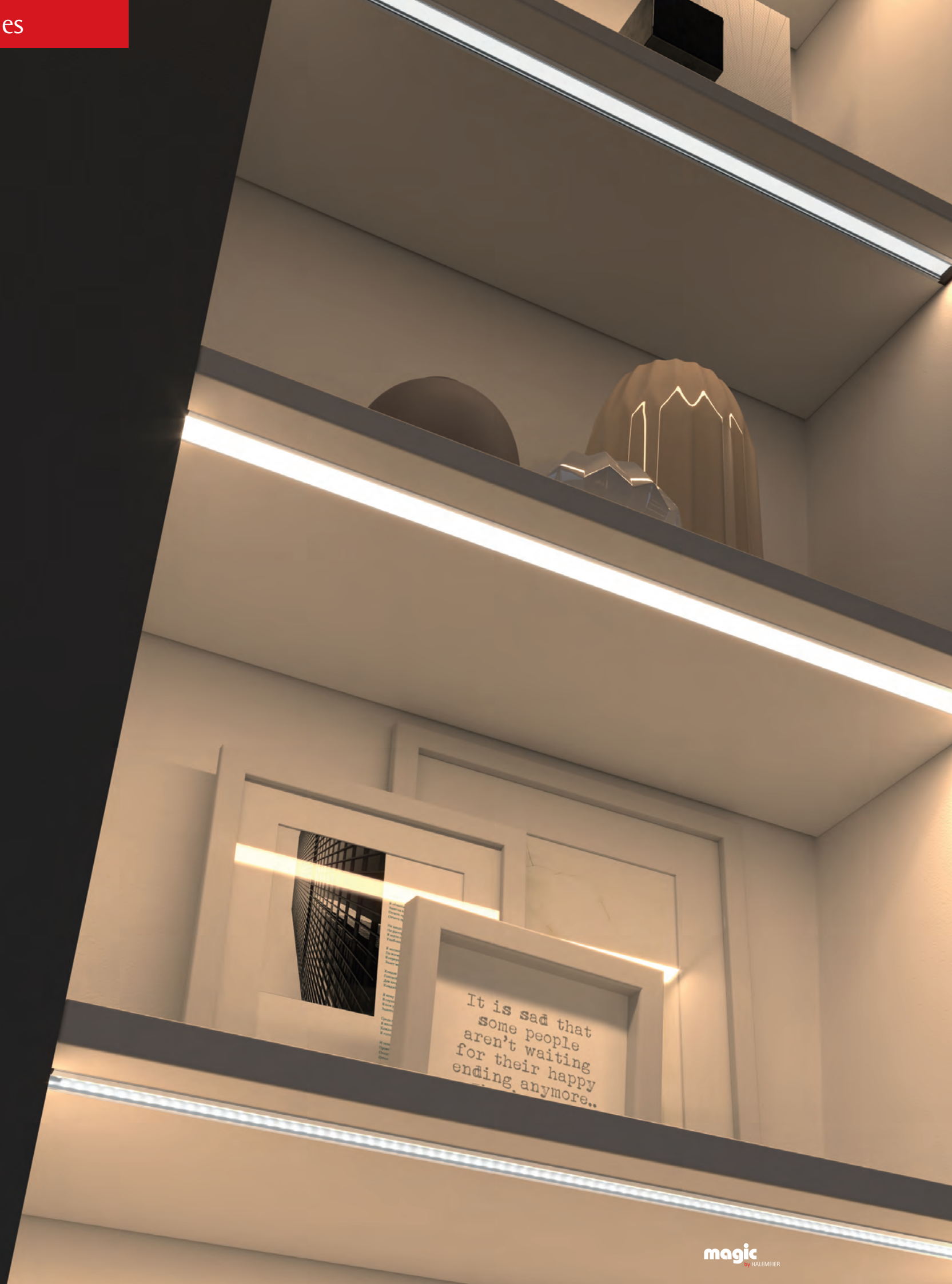What covers are available for them?
It is very easy to answer all these questions during a sales discussion – with the HALEMEIER sample sets.

All Halemeier ChannelLine and Versa Inside articles can be found in the sample sets. They show diverse possibilities for 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.

ChannelLine sample set
55 559 01

With this set you receive sample pieces of all profiles, covers and end caps of the ChannelLine range under a single collective number.

B, D2, G2, i2 and i3 in the aluminium version
C, D, G1 and i in the black anodised version.

ChannelLine samples

30 cm sample pieces of the profiles and covers can be found on the respective product pages.

Versa Inside sample set
55 825 11

Included are ready-to-connect 30 cm pieces of all Versa Inside models (no Plus and Super Plus models), as well as matching clamp connectors and additional connection cables.

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Linear lights   ChannelLine profiles   Spotlights   Special lights   Switch systems   Ballasts / leads   Lighting knowledge

ChannelLine profiles

Description of the different cover profiles

Black cover:
In switched off state, blends perfectly with aluminium. Very modern look. But influences light quantity and colour.

Opal cover:
The light is diffused, thus avoiding glare and, with a suitable combination of profile and strip, no LED light points are visible. The special material of the **Magic** covers hardly changes the light colour of the LED. Brightness is lost due to the diffusion effect.

Clear coverage:
Enables maximum light output or brightness, LEDs are visible, care must be taken to avoid glare.

Recommended combinations of Versa strips in ChannelLine profiles

Model	ChannelLine A	ChannelLine K	ChannelLine B / D2		ChannelLine C / D		
Cover	Opal	Opal	Opal	Black	Clear	Opal	Black
Advantages	High quality recessed profile / Homogeneous and glare-free light line / Can be used at sight level	Recessed profile made of opal plastic / Homogeneous and glare-free light line	High quality deep recessed profile / B with filigree profile trim / D2 for flush mounting		High-quality flat recessed/surface-mounted profile / C with filigree profile trim / D for flush installation		
Applications / product features	Edge lighting for kitchen worktops / backlighting	Ideal for back wall illumination / Versatile for use as accent lighting	Interior cabinet lighting in the floor / Kitchen niches or top shelves, mirror frame lighting		Interior cabinet lighting in the floor / Kitchen niche or top shelves, niches		
Light transmission	90%	90%	65%	15%	85%	70%	20%
Half-value angle	90"	90°	60°		60°		
Versa 40 Type of lighting	Accent light	Accent light	Accent light	Accent light	Accent light		
Light point visibility	Low	Low	Visible		Visible		
Versa 80 Type of lighting	Accent light	Accent light	Accent light		Accent light		
Light point visibility	Invisible	Invisible	low	Visible	Visible		
Versa 120 Type of lighting	Accent/functional light	Accent/functional light	Accent/functional light	Accent light	Accent/functional light	Accent light	
Light point visibility	Invisible	Invisible	Invisible	Invisible	Visible	Visible	
Versa 160 Type of lighting	Functional light	Functional light	Functional light	Accent light	Functional light	Accent light	
Light point visibility	Invisible	Invisible	Invisible	Invisible	Visible	Invisible	
Versa 233 HP Type of lighting	Functional light	Functional light	Functional light		Functional light		
Light point visibility	Invisible	Invisible	Invisible		Visible	Invisible	

Recommended combinations of Versa strips in ChannelLine profiles

	ChannelLine i / i2		ChannelLine i3	ChannelLine G1 / G2		ChannelLine H	ChannelLine F	ChannelLine N
Cover	Opal	Black	Opal	Opal	Black	Opal	Opal	Opal
Advantages	High-quality filigree recessed/surface-mounted profile / 2 with filigree profile trim / I for flush mounting		High quality deep recessed profile / Almost rimless luminous surface / For flush mounting	Glare-free and angled light emission / G2 with filigree profile trim / G1 for flush recessing		Mounting profile for the corner / Almost rimless luminous surfaces / wide light emission	Beam angle and homogeneity can be varied with the milling depth	Plastic profile with opal top for gluing on
Applications / product features	Accent lighting in display cabinets or shelves / Staircase steps		Accent lighting in display cabinets or shelves / Flush with storage surfaces on the wall	Interior cabinet lighting / Retrofitting in kitchen niches / Product presentation on sales shelves		Furniture corners / Kitchen niches	For milling into the wood	Furniture floors / Furniture studs
Light transmission	70%	20%	70%	65%	15%	60%	80%	50%
Half-value angle	60°		60°	Straight 60° / Oblique 30°		70°	60°	60°
Versa 40 Type of lighting	Accent light		Accent light	Accent light		Accent light	Accent light	Accent light
Light point visibility	Visible		Visible	Visible		Visible	Visible	Visible
Versa 80 Type of lighting	Accent light		Accent light	Accent light		Accent light	Accent light	Accent light
Light point visibility	Visible		Low	Low	Visible	Low	Low	Visible
Versa 120 Type of lighting	Accent/functional light	Accent light	Accent/functional light	Accent/functional light	Accent light	Accent/functional light	Accent/functional light	Accent/functional light
Light point visibility	Visible		Invisible	Invisible	Low	Invisible	Invisible	Visible
Versa 160 Type of lighting	Functional light	Accent light	Functional light	Functional light	Accent light	Functional light	Functional light	Functional light
Light point visibility	Visible		Invisible	Invisible	Invisible	Invisible	Invisible	Visible
Versa 233 HP Type of lighting	Functional light	Functional light	Functional light	Functional light		Functional light	Functional light	Functional light
Light point visibility	Invisible	Invisible	Invisible	Invisible		Invisible	Invisible	Invisible
Type of lighting	Accent/functional light	Accent light	Accent/functional light	Accent/functional light	Accent light	Functional light	Accent/functional light	Accent/functional light
Light point visibility	Invisible	Invisible	Invisible	Invisible		Invisible	Invisible	Invisible

Linear lights · ChannelLine profiles · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

magic by HALEMEIER

ChannelLine A

Advantages
▸ High quality recessed profile
▸ Homogeneous and glare-free light line
▸ Can be installed at sight level

Features
▸ Homogeneous light line with Versa Inside from 80 LED/m
▸ Beam angle in installed condition is approx. 35°

Examples of use
▸ Edge lighting for kitchen countertops or vertically between fronts
▸ Backlighting for low or sideboards

Order information
▸ Use of feeders and connectors possible in profile
▸ For selection see ChannelLine overview

ChannelLine A

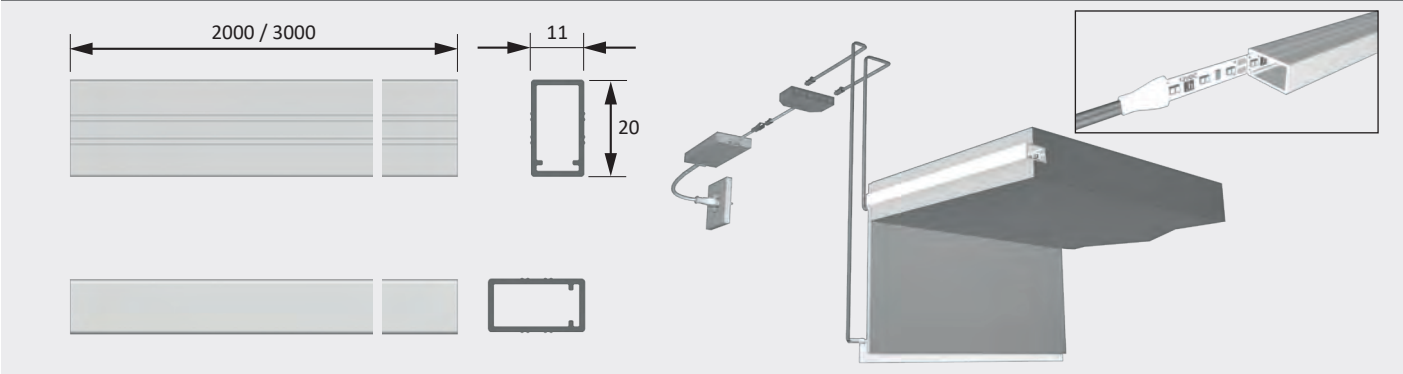|	Opal
2000 mm	38 817 03
4000 mm	38 817 02
4000 mm (set of 5)	38 817 12
End cap (2 units per set)	25 567 01
Sample piece 300 mm	50 000 01
Cleaning cloth (isopropanol)	36 502 01

Recommended for:

Versa Inside 80
Versa Inside 120
Versa Inside MultiColor
Versa Inside MaxiColor

Dimensional drawing / installation

2   2000 / 4000   16   25   ≥60 LED/m   12   5

ChannelLine K

Advantages
▸ Recessed profile made of opal plastic
▸ Homogeneous and glare-free light line

Features
▸ Homogeneous light line with Versa Inside from 40 LED/m

Examples of use
▸ Ideal for rear wall backlighting
▸ Versatile for use as accent lighting

Order information
▸ Application picture shows ChannelLine K with Versa Inside 40
▸ For selection see ChannelLine overview

Technical details

ChannelLine K

	Opal
2000 mm	55 716 11
2000 mm (set of 10)	55 716 13
3000 mm	55 716 12
3000 mm (set of 10)	55 716 14
Sample piece 300 mm	50 029 01
Cleaning cloth (isopropanol)	36 502 01

Recommended for:

Versa Inside 40
Versa Inside 80

Dimensional drawing / installation

2000 / 3000   11   20

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge
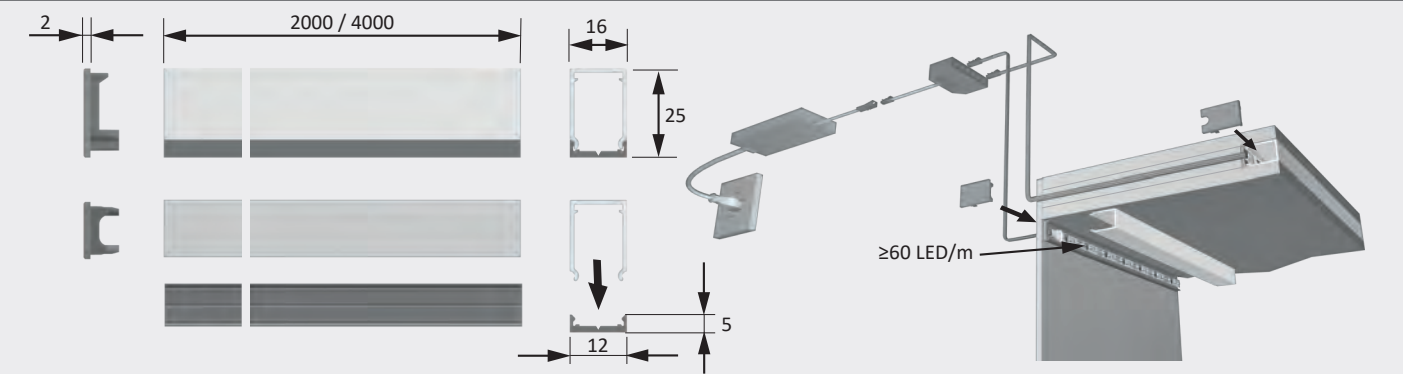
ChannelLine B

Advantages
▶ High quality deep recessed profile
▶ With filigree profile trim
▶ Cover is attachable from above or retractable from the side

Features
▶ New Opal cover – 30% more light and and only slight change in light colour
▶ Homogeneous light line with Versa Inside from 120 LED/m
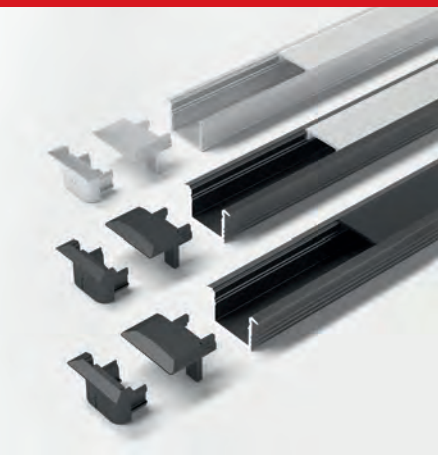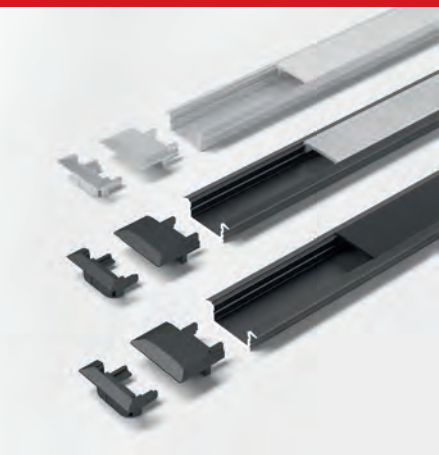▶ Wide beam angle of approx. 100°

Examples of use
▶ Interior cabinet lighting in the floor
▶ Kitchen niche or top
▶ Shelves

Order information
▶ Use of feeders and connectors in the profile possible
▶ To increase the luminosity, two Versa Inside can be attached side by side
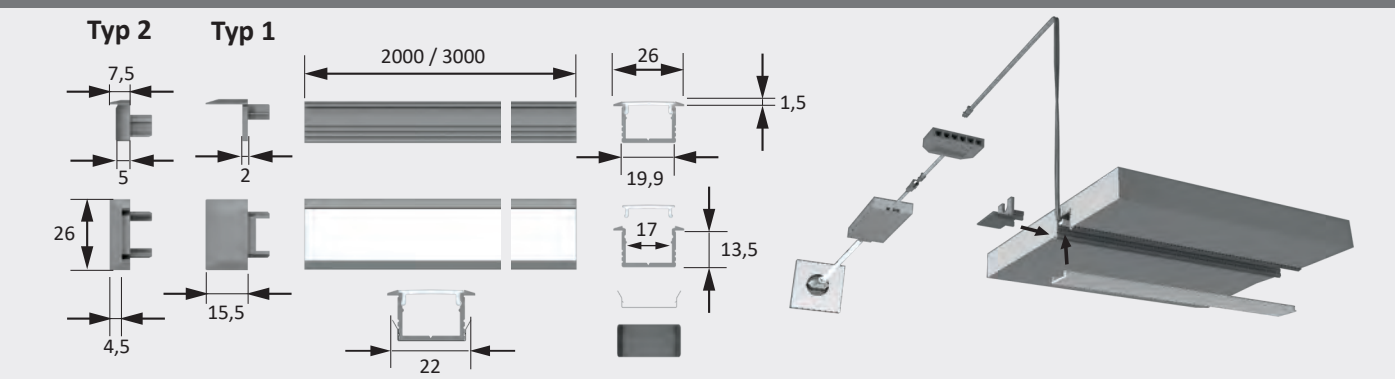▶ For selection see ChannelLine overview

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine B

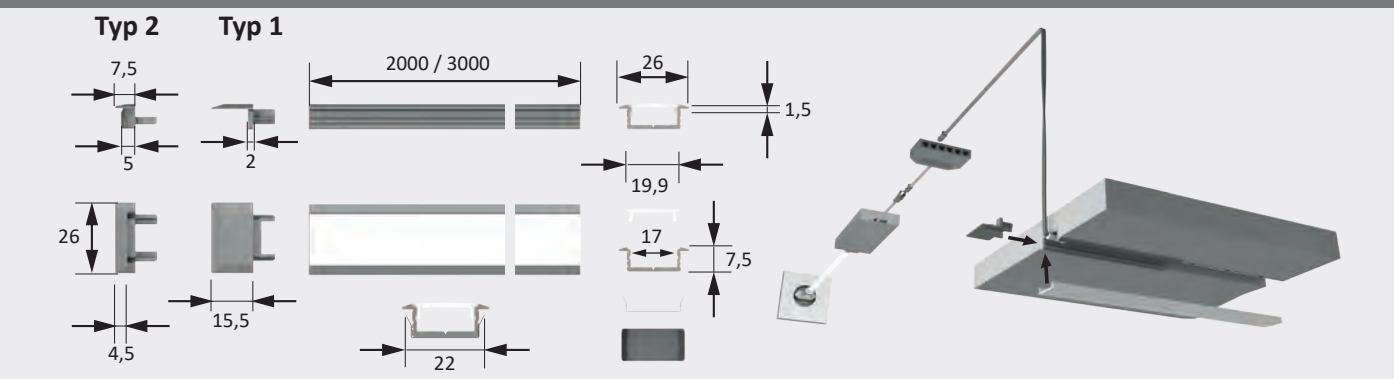|	Alu / Opal	Black / Opal	Black / Black
2000 mm	55 871 01	55 871 05	55 871 07
2000 mm (set of 10)	55 871 11	55 871 15	55 871 17
3000 mm	55 871 02	55 871 06	55 871 08
3000 mm (set of 10)	55 871 12	55 871 16	55 871 18
End cap (set of 2) lacquered	25 568 01	25 568 05	25 568 05
End cap type 2 (set of 2) lacquered	25 785 01	25 785 05	25 785 05
Built-in spring ChannelLine B (set of 2)	25 536 01	25 536 01	25 536 01
Sample piece profile 300 mm	50 001 01	50 002 01	50 002 01
Sample piece cover 300 mm	50 009 01	50 009 01	50 011 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

Typ 2   Typ 1

7,5   2000 / 3000   26   1,5
5   2   19,9
26   17   13,5
4,5   15,5   22

ChannelLine C

Advantages
▶ High quality flat recessed profile
▶ With filigree profile trim
▶ Cover can be attached from above or from the side

Features
▶ New opal cover – 30% more light and and only slight change in light colour
▶ Homogeneous light line with Versa Inside from 160 LED/m
▶ Wide beam angle of approx. 110°

Examples of use
▶ Interior cabinet lighting in the floor
▶ Kitchen niche or top
▶ Shelves

Order information
▶ Use of feeders and connectors in the profile possiblea
▶ To increase the luminosity, two Versa Inside can be attached side by side
▶ For selection see ChannelLine overview

Recommended for:

Versa Inside 120
Versa Inside 160
Versa Linear

ChannelLine C

	Alu / Opal	Alu / Clear	Black / Opal	Black / Black
2000 mm	55 872 01	55 661 11	55 872 05	55 872 07
2000 mm (set of 10)	55 872 11	55 661 15	55 872 15	55 872 17
3000 mm	55 872 02	55 661 12	55 872 06	55 872 08
3000 mm (set of 10)	55 872 12	55 661 16	55 872 16	55 872 18
End cap (set of 2) lacquered	25 569 01	25 569 01	25 569 05	25 569 05
End cap type 2 (set of 2) lacquered	25 786 01	25 786 01	25 786 05	25 786 05
Built-in spring ChannelLine C (set of 2)	25 536 01	25 536 01	25 536 01	25 536 01
Sample piece profile 300 mm	50 003 01	50 003 01	50 004 01	50 004 01
Sample piece cover 300 mm	50 009 01	50 010 01	50 009 01	50 011 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

Typ 2   Typ 1

7,5   2000 / 3000   26   1,5
5   2   19,9
26   17   7,5
4,5   15,5   22

Linear lights   ChannelLine profile   Spotlights   Special lights   Switch systems   Ballasts / leads   Lighting knowledge

magic by HALEMEIER

ChannelLine D

Advantages
▸ High-quality flat recessed/surface-mounted profile
▸ For flush mounting
▸ Cover can be attached from above or from the side

Features
▸ New opal cover – 30% more light and and only slight change in light colour
▸ Homogeneous light line with Versa Inside from 160 LED/m with opal diffuser
▸ Very wide beam angle of approx. 110°

Examples of use
▸ Flush with the inside of the cabinet
▸ Retrofitting in niches

Order information
▸ Use of feeders and connectors in the profile possible
▸ To increase the luminosity, two Versa Inside can be attached side by side
▸ For selection see ChannelLine overview

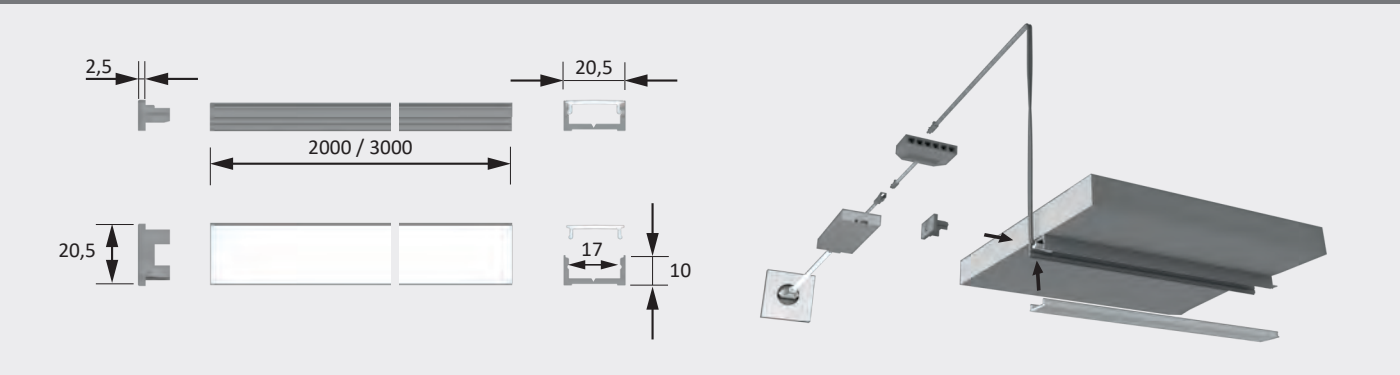## Technical details

Recommended for:

Versa Inside 120
Versa Inside 160
Versa Linear

ChannelLine D

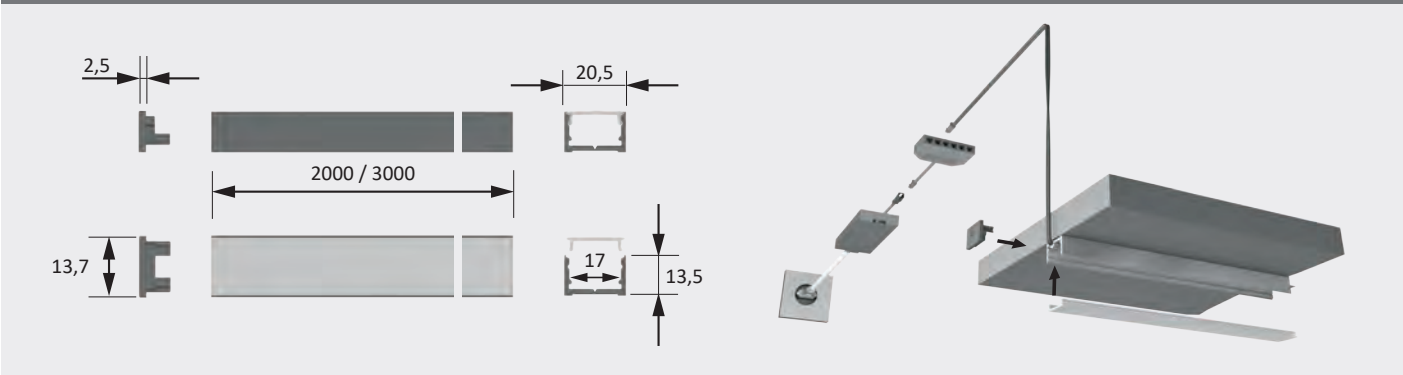|	Alu / Opal	Alu / Clear	Black / Opal	Black / Black
2000 mm	55 873 01	55 662 11	55 873 05	55 873 07
2000 mm (set of 10)	55 873 11	55 662 15	55 873 15	55 873 17
3000 mm	55 873 02	55 662 12	55 873 06	55 873 08
3000 mm (set of 10)	55 873 12	55 662 16	55 873 16	55 873 18
End cap (set of 2) lacquered	25 570 01	25 570 01	25 570 05	25 570 05
Sample piece profile 300 mm	50 005 01	50 005 01	50 006 01	50 006 01
Sample piece cover 300 mm	50 009 01	50 010 01	50 009 01	50 011 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

2,5
20,5
2000 / 3000
20,5
17
10

ChannelLine D2

Advantages
▸ High-quality deep recessed/surface-mounted profile
▸ For flush mounting
▸ Cover can be attached from above or from the side

Features
▸ New opal cover – 30% more light and and only slight change in light colour
▸ Homogeneous light line with Versa Inside from 120 LED/m with opal cover
▸ Wide beam angle of approx. 75°

Examples of use
▸ Flush with top shelves
▸ Retrofitting in niches
▸ Mirror frame lighting

Order information
▸ Use of feeders and connectors in the profile possible
▸ To increase the luminosity, two Versa Inside can be attached side by side
▸ For selection see ChannelLine overview

Technical details

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine D2

	Alu / Opal	Black / Opal	Black / Black
2000 mm	55 870 01	55 870 21	55 870 07
2000 mm (set of 10)	55 870 05	55 870 25	55 870 17
3000 mm	55 870 02	55 870 22	55 870 08
3000 mm (set of 10)	55 870 06	55 870 26	55 870 18
End cap (set of 2) lacquered	25 774 01	25 774 05	25 774 05
Sample piece profile 300 mm	50 007 01	50 008 01	50 008 01
Sample piece cover 300 mm	50 009 01	50 009 01	50 011 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

2,5
20,5
2000 / 3000
13,7
17
13,5

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic
by HALEMEIER

ChannelLine i

Advantages
▶ High-quality recessed/surface-mounted profile
▶ Almost rimless illuminated surface
▶ For flush mounting
▶ Filigree profile for thin materials

Features
▶ New opal cover – 30% more light and and only slight change in light colour
▶ Homogeneous light line with Versa Inside from 233 LED/m
▶ Very wide beam angle of approx. 100°

Examples of use
▶ Flush with cabinet sides or shelves
▶ Retrofitting in niches

Order information
▶ For selection see ChannelLine overview

Recommended for:

Versa Inside 233 HP
Versa Linear

ChannelLine i

|	Alu / Opal	Black / Opal	Black / Black
2000 mm	55 874 01	55 874 05	55 874 07
2000 mm (set of 10)	55 874 11	55 874 15	55 874 17
3000 mm	55 874 02	55 874 06	55 874 08
3000 mm (set of 10)	55 874 12	55 874 16	55 874 18
End cap (set of 2) lacquered	25 563 01	25 563 05	25 563 05
Sample piece profile 300 mm	50 021 01	50 022 01	50 022 01
Sample piece cover 300 mm	50 026 01	50 026 01	50 028 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation
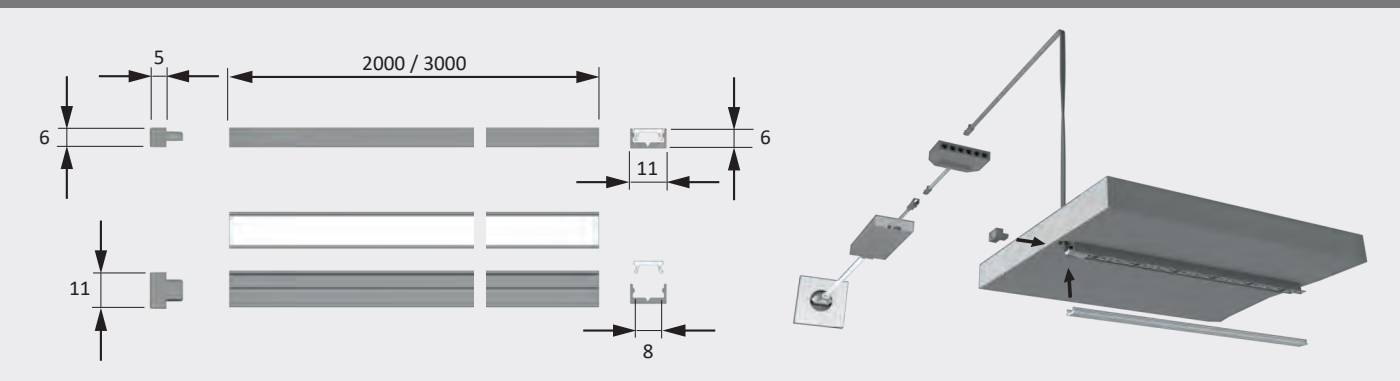
ChannelLine i2

Advantages
▶ High quality recessed profile
▶ With filigree profile trim
▶ Glare-free and concentrated light emission
▶ Filigree profile for thin materials

Features
▶ New Opal cover – 30% more light and and only slight change in light colour
▶ Homogeneous light line with Versa Inside from 160 LED/m with opal cover
▶ Narrow beam angle of approx. 35°

Examples of use
▶ Accent lighting in display cabinets or shelves
▶ Stairs

Order information
▶ For selection see ChannelLine overview

Recommended for:

Versa Inside 160
Versa Inside 233 HP
Versa Linear

ChannelLine i2

	Alu / Opal	Black / Opal	Black / Black
2000 mm	55 887 01	55 887 05	55 887 07
2000 mm (set of 10)	55 887 11	55 887 15	55 887 17
3000 mm	55 887 02	55 887 06	55 887 08
3000 mm (set of 10)	55 887 12	55 887 16	55 887 18
End cap (set of 2) lacquered	25 799 01	25 799 05	25 799 05
Sample piece profile 300 mm	50 023 01	50 024 01	50 024 01
Sample piece cover 300 mm	50 026 01	50 026 01	50 028 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

magic by HALEMEIER
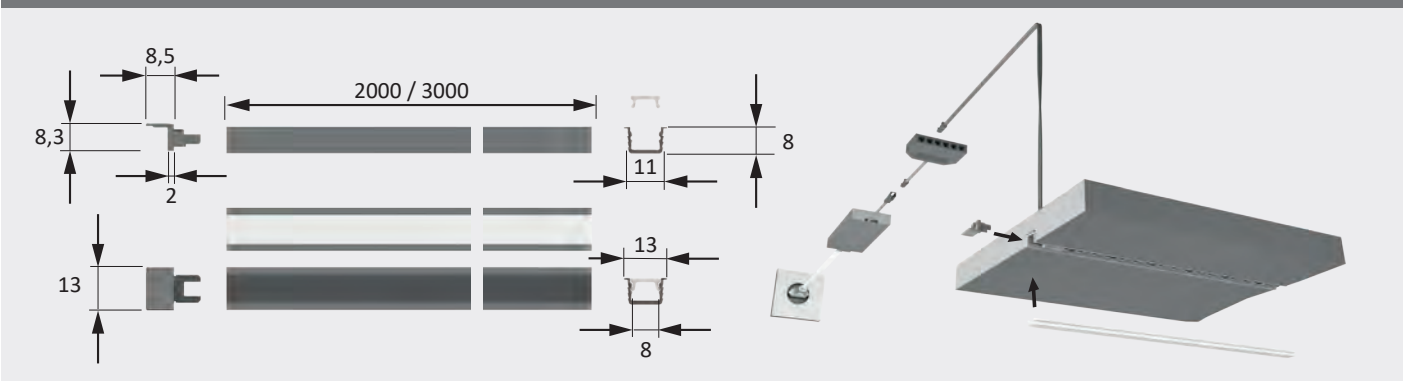
ChannelLine i3

Advantages
▸ High quality deep recessed profile
▸ Almost rimless illuminated surface
▸ Glare-free and concentrated light emission
▸ For flush mounting

Features
▸ New Opal cover – 30% more light and and only slight change in light colour
▸ Homogeneous light line with Versa Inside from 120 LED/m
▸ Narrow beam angle of approx. 35°

Examples of use
▸ Accent lighting in display cabinets or shelves
▸ Flush with storage surfaces on the wall

Order information
▸ For selection see ChannelLine overview

Technical details

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine i3

	Alu / Opal
2000 mm	55 608 01
2000 mm (set of 10)	55 608 11
3000 mm	55 608 02
3000 mm (set of 10)	55 608 12
End cap (set of 2) lacquered	25 985 01
Sample piece profile 300 mm	50 025 01
Sample piece cover 300 mm	50 026 01
Cleaning cloth (isopropanol)	36 502 01

Dimensional drawing / installation
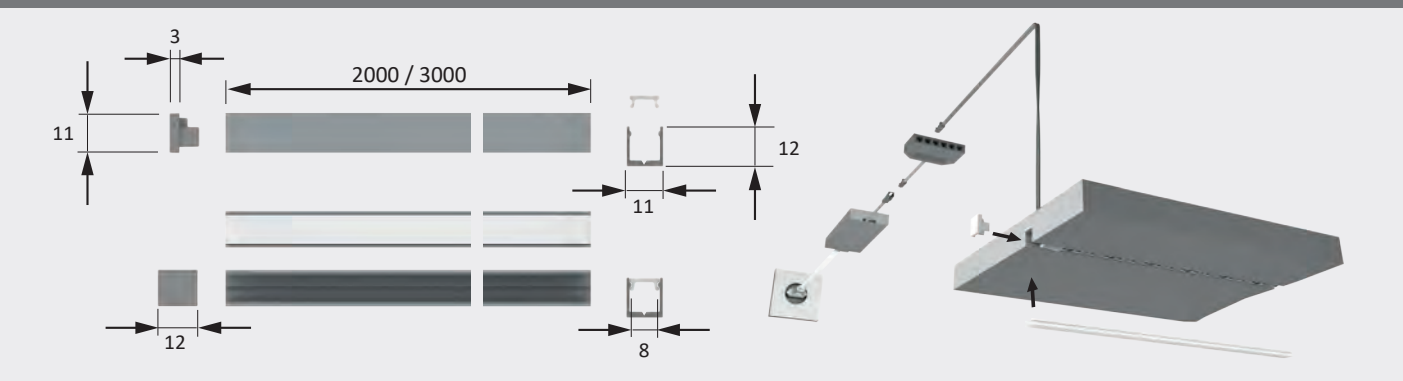
ChannelLine L

Advantages
▸ Recessed profile with chrome-plated design strip
▸ Glare-free light emission

Features
▸ Homogeneous light line with Versa Inside from 80 LED/m
▸ Plastic profile

Examples of use
▸ Wardrobe halo lighting
▸ Mirror frame lighting

Technical details

Recommended for:

Versa Inside 80
Versa Inside 120

ChannelLine L

	Opal
2000 mm	55 759 01
2000 mm (set of 10)	55 759 03
3000 mm	55 759 02
3000 mm (set of 10)	55 759 04
Sample piece 300 mm	50 032 01

Dimensional drawing / installation

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER
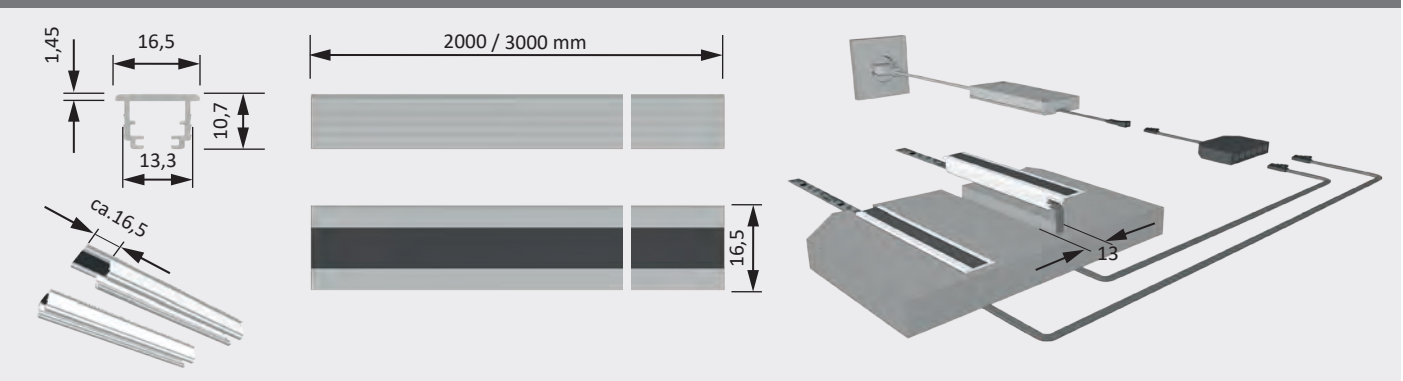
ChannelLine G1

Advantages
▸ Recessed/surface-mounted profile
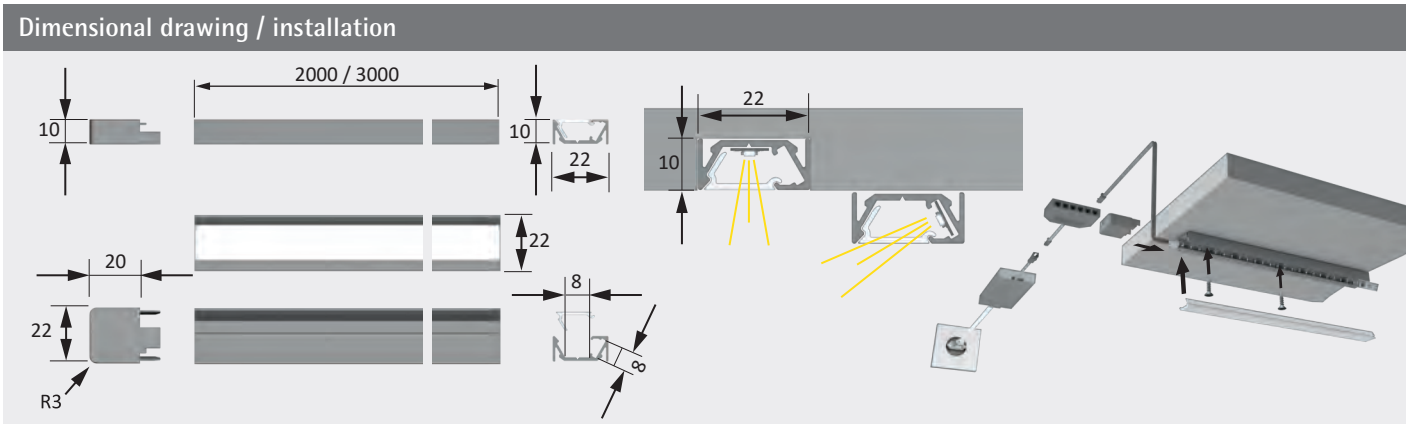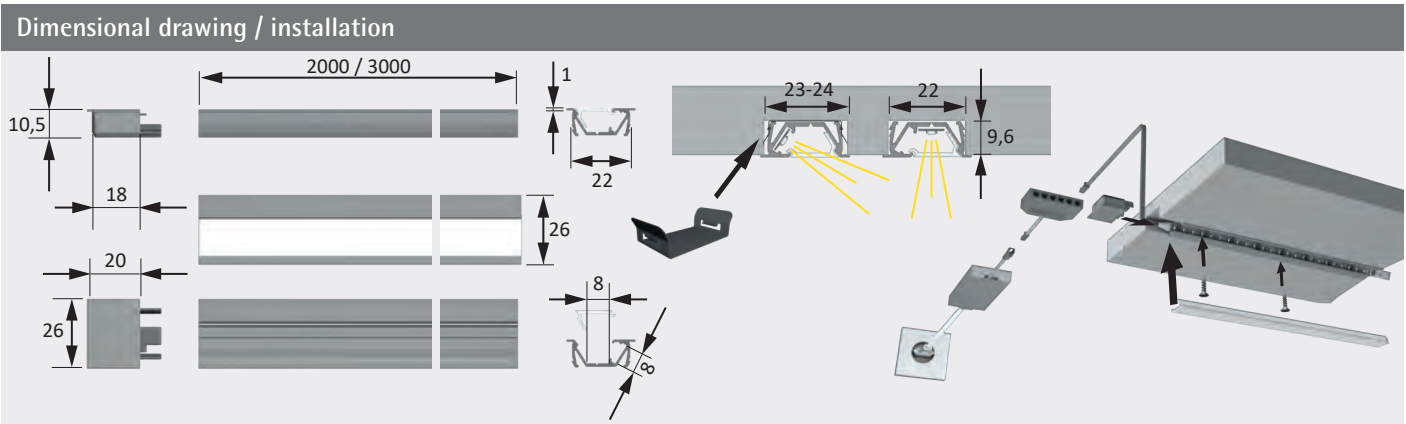▸ Glare-free and angled light emission
▸ For flush mounting

Features
▸ New Opal cover – 30% more light and and only slight change in light colour
▸ Homogeneous light line with Versa Inside from 120 LED/m with opal cover
▸ Angled beam angle of approx. 90°

Examples of use
▸ Cabinet interior lighting
▸ Retrofitting in kitchen niches
▸ Product presentation on sales shelf

Order information
▸ Two Versa Inside can be inserted – one radiates diagonally and one radiates straight from within the profile
▸ For selection see ChannelLine overview

Technical details

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine G1

	Alu/Opal	Black/Opal	Black / Black
2000 mm	55 875 01	55 875 05	55 875 07
2000 mm (set of 10)	55 875 11	55 875 15	55 875 17
3000 mm	55 875 02	55 875 06	55 875 08
3000 mm (set of 10)	55 875 12	55 875 16	55 875 18
End cap (set of 2) lacquered	25 554 01	25 554 05	25 554 05
Sample piece profile 300 mm	50 013 01	50 014 01	50 014 01
Sample piece cover 300 mm	50 017 01	50 017 01	50 019 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

ChannelLine G2

Advantages
▸ Recessed/surface-mounted profile
▸ Glare-free and angled light emission
▸ With filigree profile trim

Features
▸ New Opal cover – 30% more light and and only slight change in light colour
▸ Homogeneous light line with Versa Inside from 120 LED/m with opal cover
▸ Angled beam angle of approx. 90°

Examples of use
▸ Cabinet interior lighting
▸ Kitchen midway sections
▸ Product presentation on sales shelf

Order information
▸ Two Versa Inside can be inserted – one radiates diagonally and one radiates straight from within the profile
▸ For selection see ChannelLine overview

Technical details

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine G2

	Alu/Opal	Black/Opal	Black / Black
2000 mm	55 876 01	55 876 05	55 876 07
2000 mm (set of 10)	55 876 11	55 876 15	55 876 17
3000 mm	55 876 02	55 876 06	55 876 08
3000 mm (set of 10)	55 876 12	55 876 16	55 876 18
End cap (set of 2) lacquered	25 556 01	25 556 05	25 556 05
Installation spring (2 units per set)	25 607 01	26 607 01	25 607 01
Sample piece profile 300 mm	50 015 01	50 016 01	50 016 01
Sample piece cover 300 mm	50 017 01	50 017 01	50 019 01
Cleaning cloth (isopropanol)	36 502 01	36 502 01	36 502 01

Dimensional drawing / installation

magic by HALEMEIER

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

ChannelLine H

Advantages
▶ Surface-mounted profile for corner
▶ Almost rimless illuminated surface
▶ Round cover for wide light emission
▶ Can be screwed on both sides

Features
▶ Homogeneous light line with Versa Inside from 120 LED/m
▶ Very wide beam angle of approx. 90°

Examples of use
▶ Furniture corners
▶ Kitchen midway sections

Order information
▶ Use of feeders and connectors in the profile possible
▶ To increase the luminosity, two Versa Inside can be attached side by side
▶ For selection see ChannelLine overview

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine H

	Opal
2000 mm	55 706 01
2000 mm (set of 10)	55 706 03
3000 mm	55 706 02
3000 mm (set of 10)	55 706 04
End cap (set of 2) lacquered	25 559 01
Sample piece 300 mm	50 020 01
Cleaning cloth (isopropanol)	36 502 01

Dimensional drawing / installation
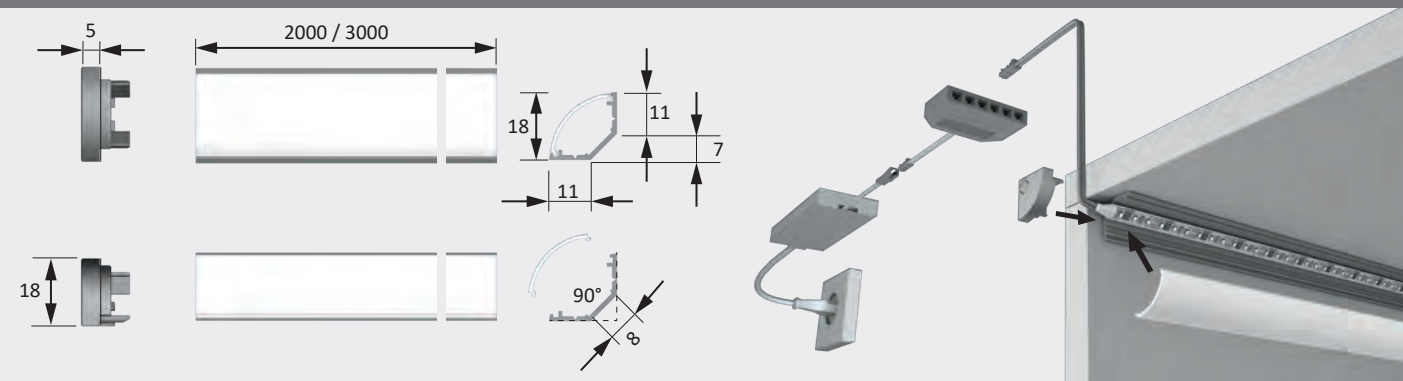
ChannelLine F

Advantages
▶ Versatile use
▶ Entry-level price

Features
▶ Beam angle and homogeneity can be varied according to the milling depth

Examples of use
▶ For milling into the wood

Order information
▶ Use of feeders and connectors possible in profile
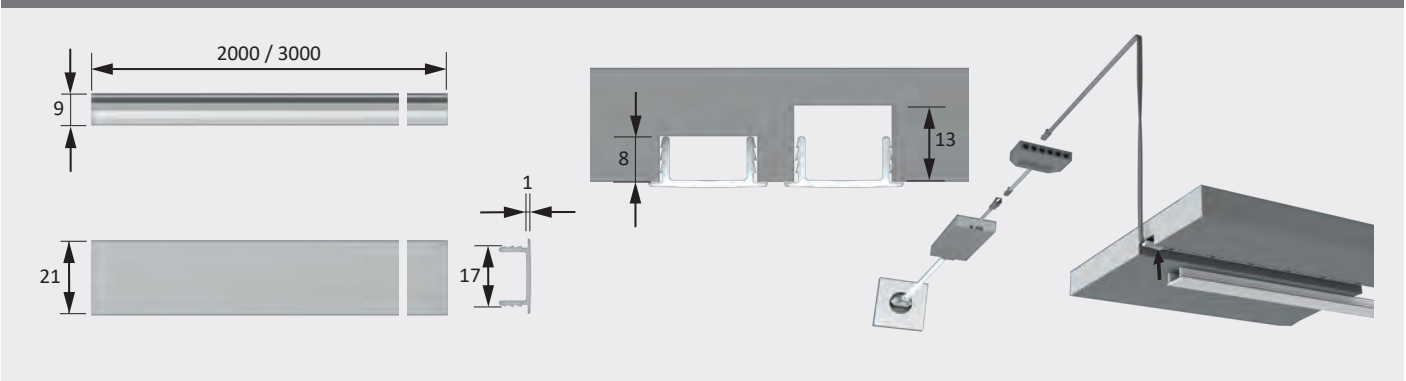▶ For selection see ChannelLine overview

Technical details

Recommended for:

Versa Inside 120
Versa Inside 160

ChannelLine F

	Opal
2000 mm	55 664 01
3000 mm	55 664 02
3000 mm (set of 10)	55 641 13
Sample piece cover 300 mm	50 012 01

Dimensional drawing / installation

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER

ChannelLine M

Advantages
▸ Filigree inlet profile in anodised aluminium
▸ Glare-free and angled light emission
▸ No light loss due to cover

Features
▸ Homogeneous light line with Versa Linear
▸ Unidirectional beam angle of approx. 90°

Examples of use
▸ Interior cabinet lighting as a functional or accent lighting

Order information
▸ Only suitable for 8 mm wide Versa
▸ For selection see ChannelLine overview

ChannelLine M

	Aluminium
2000 mm	55 760 01
2000 mm (set of 10)	55 760 03
3000 mm	55 760 02
3000 mm (set of 10)	55 760 04
End cap (set of 2) lacquered	25 984 01
Sample piece 300 mm	50 030 01
Cleaning cloth (isopropanol)	36 502 01

Recommended for:

Versa Linear

Dimensional drawing / installation
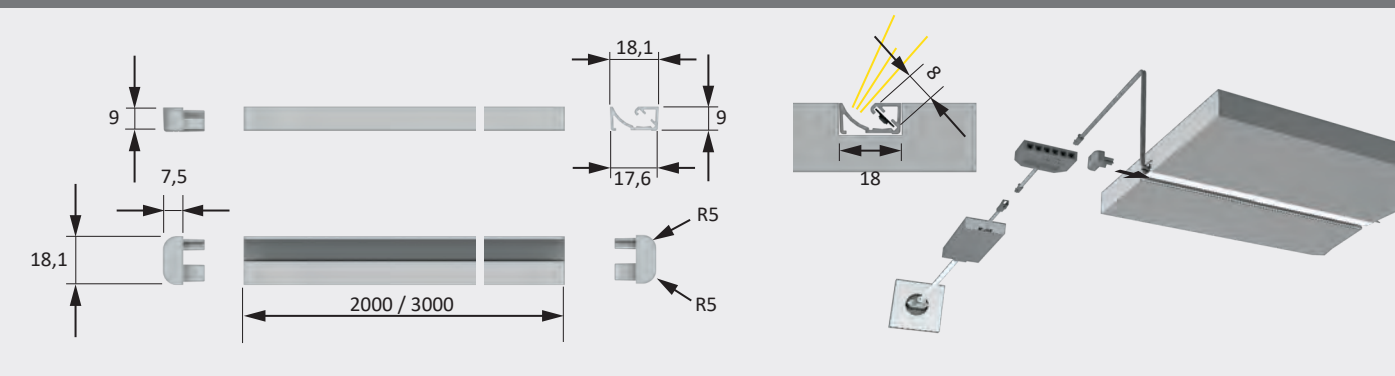
ChannelLine N

Advantages
▸ Plastic profile with opal cover for glueing on
▸ Versatile

Features
▸ Profile for combination with one Versa light
▸ Mounting under the furniture floor for indirect lighting

Examples of use
▸ Furniture bases
▸ Furniture plinth

Order information
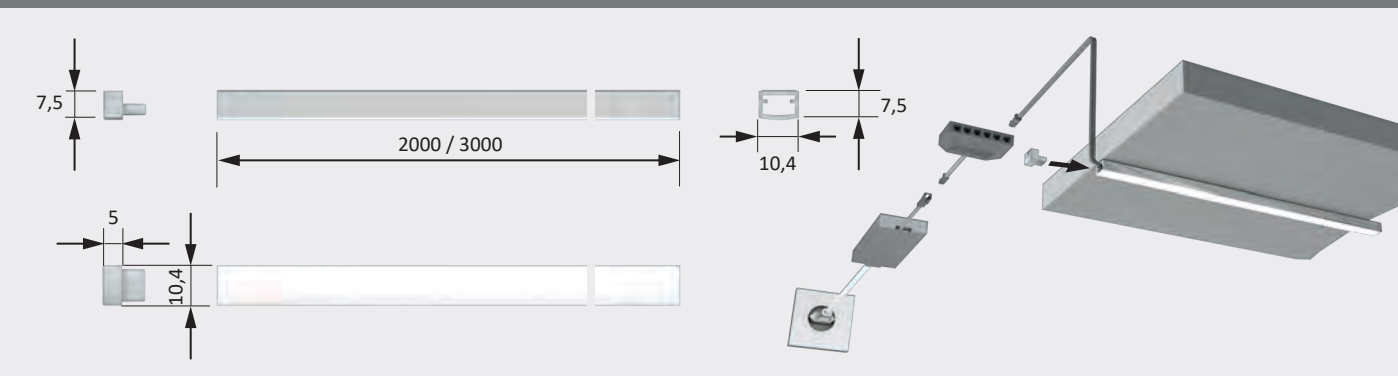▸ For selection see ChannelLine overview

Technical details

ChannelLine N

	Opal
1200 mm	55 758 01
1200 mm (set of 10)	55 758 03
End cap (2 units per set)	25 898 01
Sample piece 300 mm	50 031 01

Recommended for:

Versa Inside 80
Versa Inside 120

Dimensional drawing / installation

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic
by HALEMEIER

ChannelLine sensor

Advantages
▸ Switches and dims Versa luminaires through touch
▸ With built-in orientation LED

Features
▸ Direct installation in the ChannelLine profile

Examples of use
▸ For ChannelLine B, C, D and D2

Order information
▸ For single-colour Versa luminaires

ChannelLine sensor

	Opal
ChannelLine Sensor 12 Volt DC	31 051 01
ChannelLine Sensor 24 Volt DC	31 052 01

Technical details

12 V | 24 V MP

Operating voltage:	12 / 24 V DC
Max. switching power:	36 W / 72 W
Test marks and symbols:	CE
Supply lead:	1800 mm
Standby:	< 0.5 W

Dimensional drawing / installation

12V DC 36W
1800   50   10   9,5   16

on - off   0,5 sec   >1 sec

24V DC 72W

12V DC
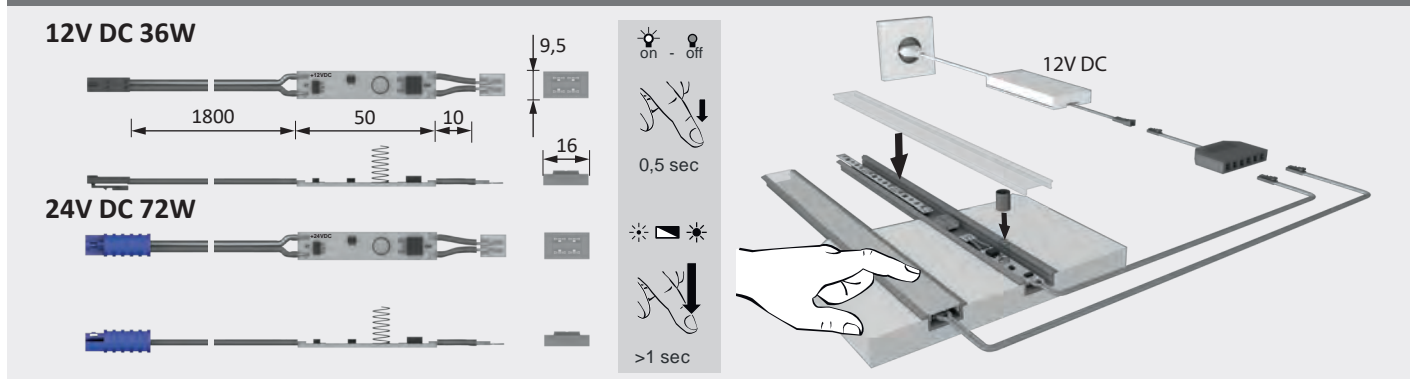
ChannelLine Sensor PIR

Advantages
▸ Motion sensor for insertion into the profile
▸ Responds to heat and movement

Features
▸ Direct installation in the ChannelLine profile

Examples of use
▸ For ChannelLine B, C, D and D2

Order information
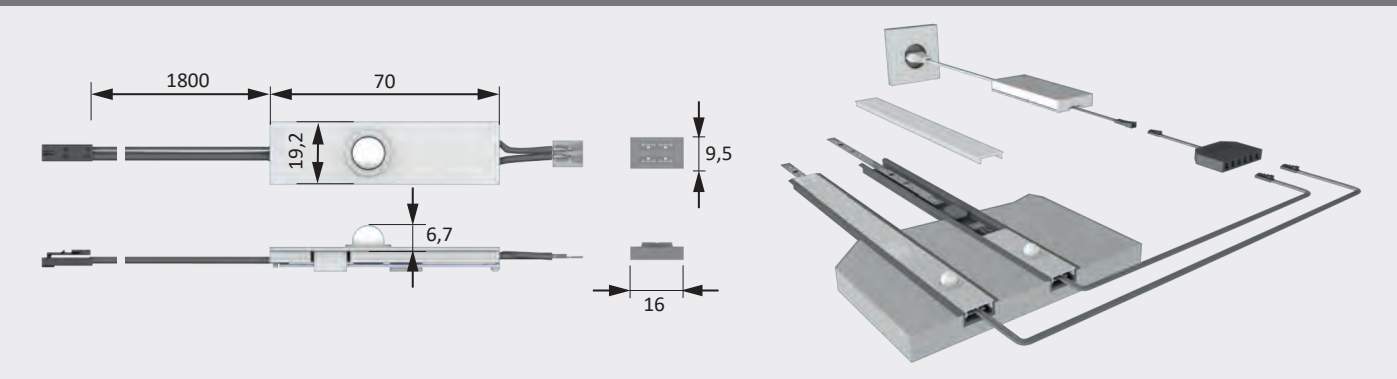▸ Also suitable for MultiWhite Versa

ChannelLine PIR Motion Sensor

ChannelLine sensor 12 V DC	30 170 01

Technical details

Operating voltage:	12 V DC
Max. switching power:	36 W
Test marks and symbols:	CE
Sensing angle:	120°
Range:	2 m
Stay-'ON' time:	30 seconds
Supply lead:	1800 mm
Standby:	< 0.5 W

Dimensional drawing / installation

1800   70   19,2   6,7   9,5   16

Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

88

89

magic by HALEMEIER

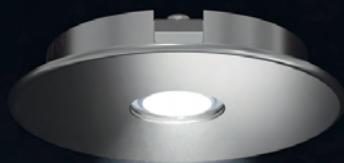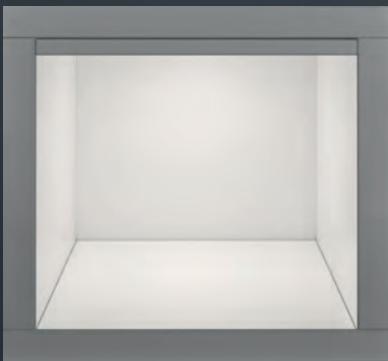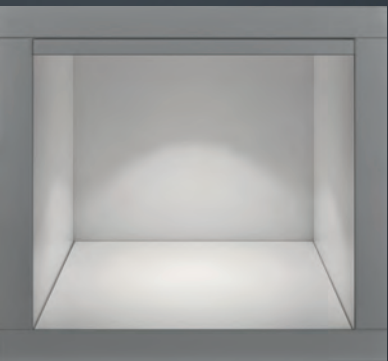# Wide beam
LitePanel 68

LitePanel creates
bright light – into the furthest
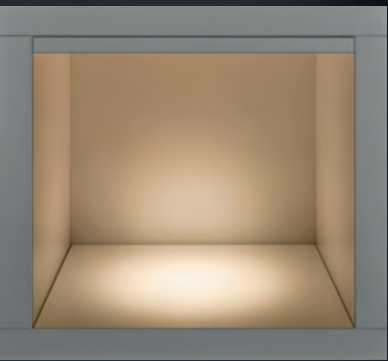corners of the furniture.

PowerLite
like halogen

The light of the PowerLite draws
an aesthetic shadow
on the back wall of the furniture.

Spotted
with SuperDot

SuperDot 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.

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic by HALEMEIER

SuperSpot eco

Advantages
▸ Powerful furniture LED light
▸ Low installation depth

Features
▸ Robust metal housing
▸ Plug-in connection on housing
▸ Recessed light with 78 mm installed diameter

Examples of use
▸ Shelves
▸ Kitchen niches and top floors

Order information
▸ For a kitchen niche or top shelf
  use at least two luminaires per meter
▸ With direct connection of a MultiWhite luminaire
  to an electronic ballast, the light colour is
  XtraWarmWhite (2700K)

SuperSpot eco

	MultiWhite*	WarmWhite	NeutralWhite
Stainless steel look	32 031 39	32 031 19	32 031 09

Accessories**

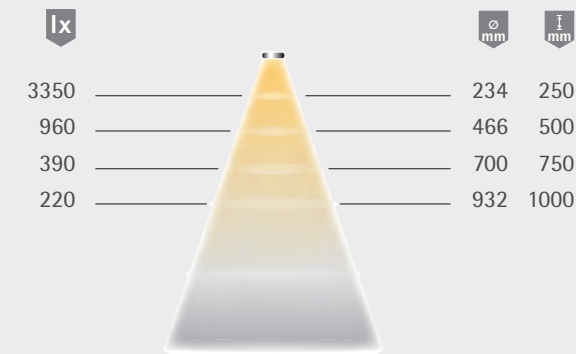|	
LED ballast 30 W with flat Euro plug	31 002 07
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
** Further accessories in section Switch systems
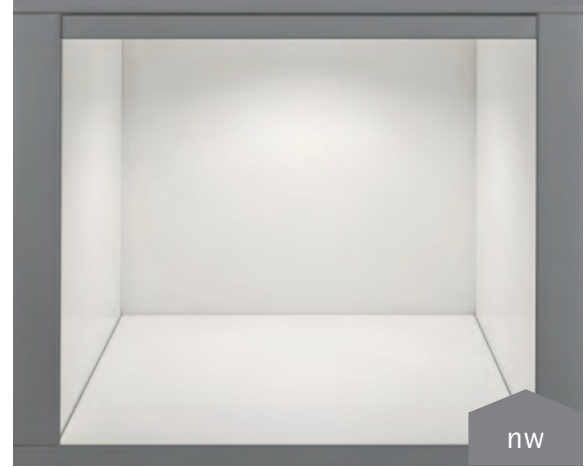
Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional lighting
Surface finish:	Stainless steel look
Operating voltage:	12 V DC
Light colour:	MultiWhite/
	WarmWhite/
	NeutralWhite
Colour rendering:	RA>80
Luminous flux:	210 lm
Luminaire efficiency:	50 lm/W
Light source efficiency:	71 lm/W
Life span:	40,000 h (L70)
Power consumption:	max. 4.2 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	50°
Test mark and symbols:	CE UK ◇ ▽▽
Protection rating:	IP 20
Installed diameter:	78 mm
Supply lead:	3000 mm
Plug connector:	LED mini
	M1 plug connector
Connection to:	LED ballast

Light distribution diagram 50°

lx		ø mm	i mm
3350		234	250
960		466	500
390		700	750
220		932	1000

Light box

nw

Dimensional drawing / installation

Ø78
3000
Ø8
10
3,2
Ø89

MultiWhite

Ø78

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge
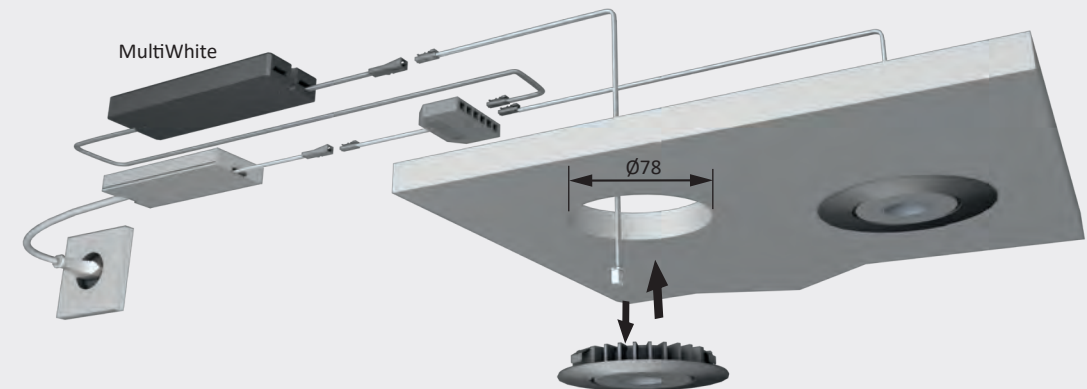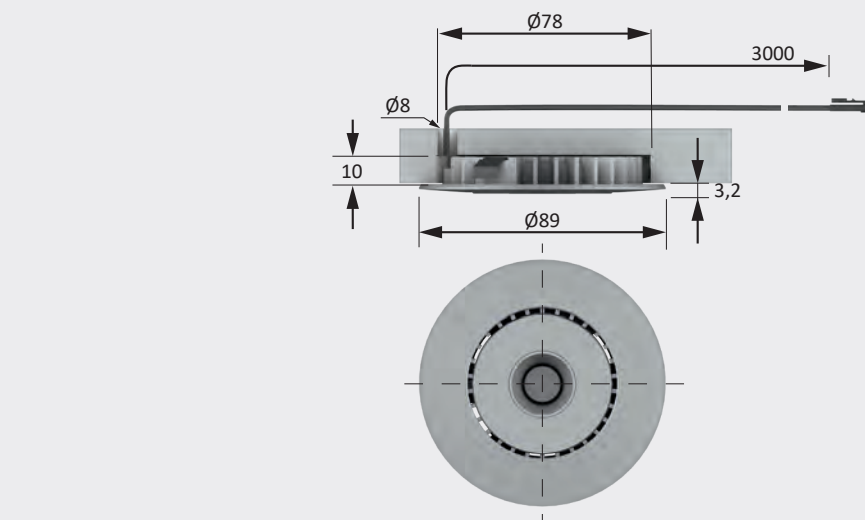
SuperSwing

Advantages
▶ Extremely bright
▶ Swiveling

Examples of use
▶ For recessing in ceiling
▶ Shop fittings

Features
▶ Adjustable light cone
▶ Focusable light
▶ Recessed light with 68 mm installed diameter

SuperSwing

	WarmWhite	NeutralWhite
Aluminium look	55 710 16	55 710 06

Accessories

LED ballast 30 W with flat Euro plug	31 002 07
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >80
Luminous flux:	450 lm
Luminaire efficiency:	78 lm/W
Light source efficiency:	95 lm/W
Life span:	40,000 h (L70)
Power consumption:	5.8 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	30°/50°
Test mark and symbols:	CE UK ⬦ ⩗⩗
Protection rating:	IP 20
Installed diameter:	68 mm
Supply lead:	150 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 50°

lx		ø mm	i mm
8200		234	250
1800		466	500
800		700	750
400		932	1000

Light box

nw

Dimensional drawing / installation

150
Ø68
31
3
Ø80

20°
30°   50°

Ø68

Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

LitePanel 68

Advantages
▶ Modern luminaire in discreet design
▶ Low installation depth
▶ 100 % homogeneous luminous surface

Features
▶ High light output in relation to size
▶ Recessed luminaire for 68 mm mounting diameter
▶ Wide beam without shadows

Examples of use
▶ Shelves
▶ Display cabinets
▶ Kitchen midway sections

Order information
▶ MultiWhite control for colour adjustment required
▶ With direct connection to an electronic ballast, the light colour is XtraWarmWhite (2700K)
▶ Use at least two luminaires per meter of kitchen niche

LitePanel 68

	MultiWhite*
Black	32 348 35
Stainless steel look, anodised	32 348 39

Accessories**

S-Mitter Basic MultiWhite Smart Set	31 123 01
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
** Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Black/ stainless steel look
Operating voltage:	12 V DC
Light colour:	MultiWhite
Colour rendering:	RA >80
Luminous flux:	290 lm
Luminaire efficiency:	67 lm/W
Light source efficiency:	84 lm/W
Life span:	40,000 h (L70)
Power consumption:	4.3 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE ⊕ ⟪⟫
Protection rating:	IP 20
Installed diameter:	68 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	I mm
1500		288	250
330		576	500
150		866	750
85		1154	1000

Light box

nw

Dimensional drawing / installation

Ø68
Ø8
1800
9
Ø75
1,5
Ø68
MultiWhite

magic by HALEMEIER

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

Swing

Advantages
▸ Pivotable, can avoid glare
▸ Design classic

Examples of use
▸ Shelves
▸ Display cabinets

Features
▸ Recessed luminaire for 68 mm mounting diameter
▸ Wide beam without shadows

Swing

	WarmWhite	NeutralWhite
Aluminium look	32 903 11	32 903 01

Accessories*

Surface-mounted housing	36 151 06
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >90
Luminous flux:	130 lm
Luminaire efficiency:	52 lm/W
Light source efficiency:	80 lm/W
Life span:	40,000 h (L70)
Power consumption:	2.5 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE ℮ ⬦ ⟁⟁
Protection rating:	IP 20
Installed diameter:	68 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	i mm
630		288	250
170		576	500
75		866	750
40		1154	1000

Light box

WW

Dimensional drawing / installation

Ø68
1800
Ø8
13
7
Ø78
Ø78
17

±15°
85°

Ø70-73
Ø68

Side tab (vertical): Linear lights | ChannelLine profile | Spotlights | Special lights | Switch systems | Ballasts / leads | Lighting knowledge

magic by HALEMEIER

MultiLite Flood

Advantages
▶ Available in many surfaces
▶ Evenly illuminated area
▶ Simple timeless design

Features
▶ High light output in relation to size
▶ Plug-in connection on housing
▶ Recessed luminaire for 58 mm mounting diameter

Examples of use
▶ Shelves
▶ Display cabinets
▶ Kitchen midway sections

Order information
▶ Luminaire and cover ring must be ordered separately
▶ For a kitchen niche use at least two luminaires per meter
▶ With direct connection of a MultiWhite luminaire to an electronic ballast, the light colour is XtraWarmWhite (2700K)
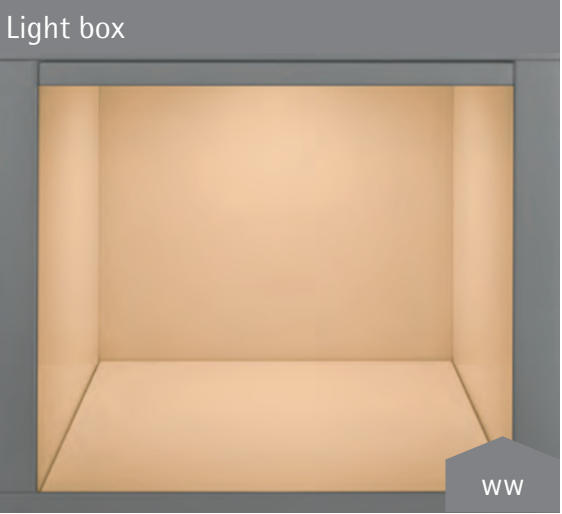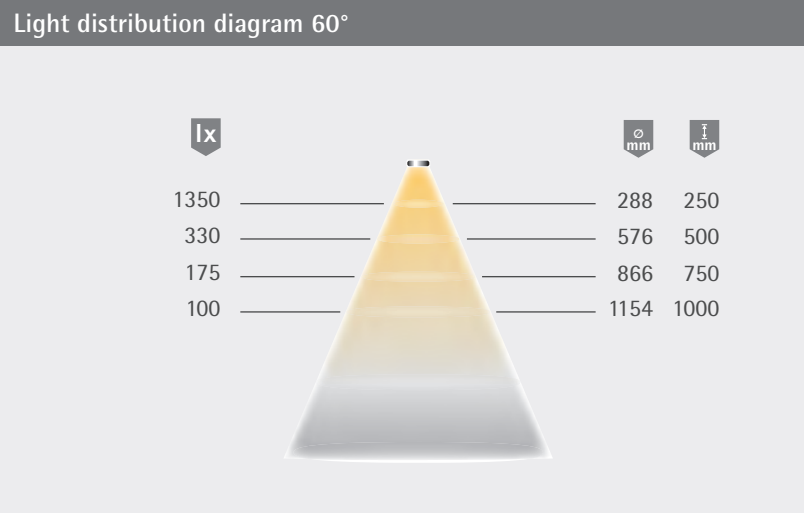
MultiLite Flood

	MultiWhite*	WarmWhite
Individual light	32 066 31	32 150 11

Accessories**

Cover ring – aluminium look	25 175 26
Cover ring – chrome, matte	25 175 16
Cover ring – stainless steel look	25 175 09
Cover ring – gold look	25 175 04
Cover ring – bronzed	25 175 02
Cover ring – black matt	25 175 05
Cover ring – white, satin finish	25 175 01
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
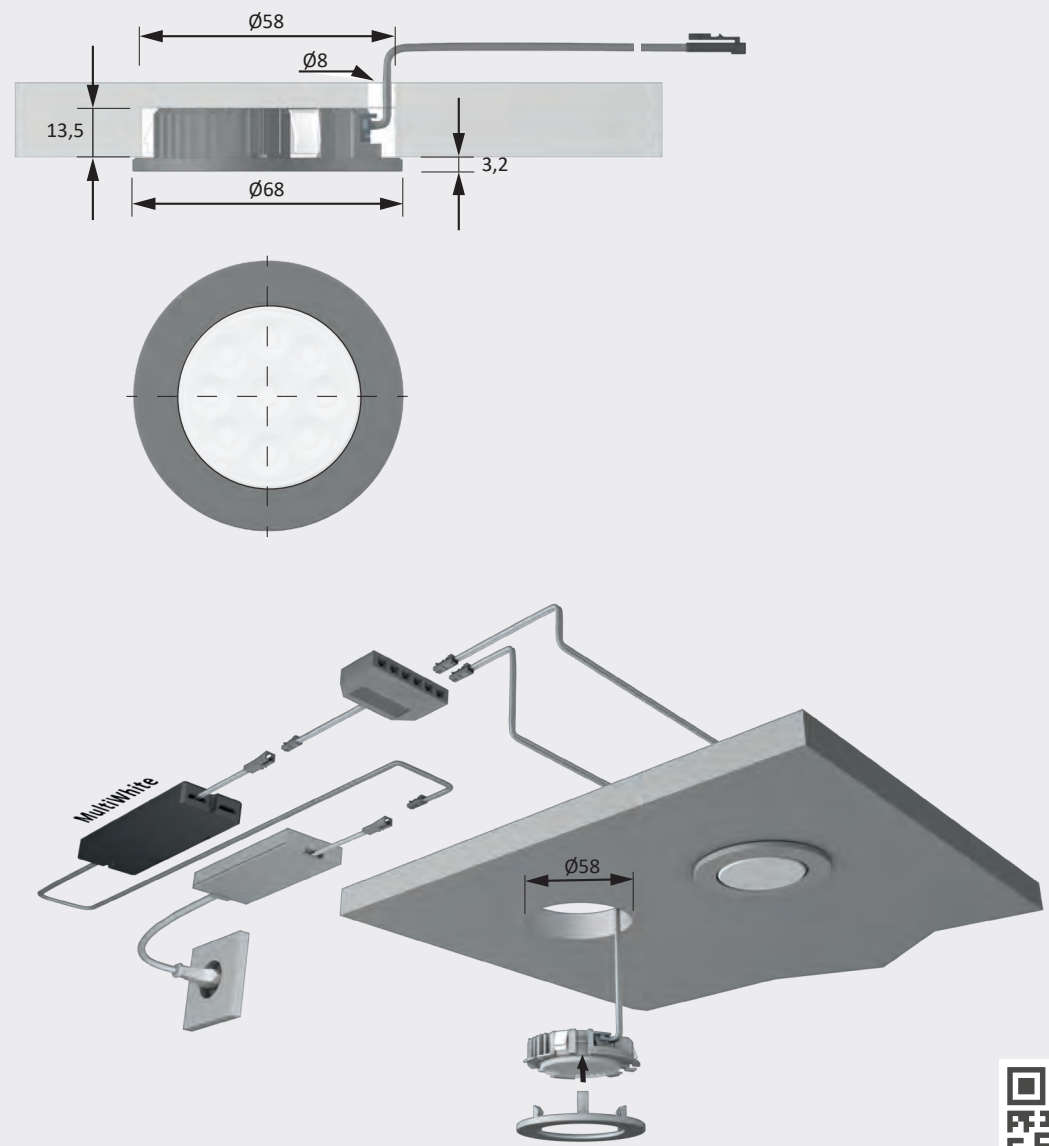** Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Aluminium look/ chrome
Operating voltage:	12 V DC
Light colour:	WarmWhite/ MultiWhite
Colour rendering:	RA >85
Luminous flux:	240 lm
Luminaire efficiency:	60 lm/W
Light source efficiency:	70 lm/W
Life span:	40,000 h (L70)
Power consumption:	4 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE ⮾ ◇ ⩗⩗
Protection rating:	IP 44
Installed diameter:	58 mm
Supply lead:	2000 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx	ø mm	I mm
1350	288	250
330	576	500
175	866	750
100	1154	1000

Light box

WW

Dimensional drawing / installation

Ø58
Ø8
13,5
Ø68
3,2

MultiWhite

Ø58

magic by HALEMEIER

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

PowerLite Plus

Advantages
▸ Cone of light like halogen spot
▸ High-quality metal housing
▸ Bright versatile luminaire

Features
▸ High light output in relation to size
▸ Plug-in connection on housing
▸ Recessed luminaire for 58 mm mounting diameter

Examples of use
▸ Kitchen niches and top floors
▸ Shelves
▸ Display cabinets

Order information
▸ With direct connection of a MultiWhite luminaire to an electronic ballast, the light colour is XtraWarmWhite (2700K)

PowerLite Plus

	MultiWhite*	WarmWhite	NeutralWhite
Stainless steel look	32 063 31	32 063 19	32 063 09

Accessories**

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
** Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Stainless steel look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite/ MultiWhite
Colour rendering:	RA >85
Luminous flux:	160 lm
Luminaire efficiency:	45 lm/W
Light source efficiency:	60 lm/W
Life span:	40,000 h (L70)
Power consumption:	3.5 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	50°
Test marks and symbols:	CE 🇬🇧 ⬨ ⨁ ▽▽
Protection rating:	IP 44
Installed diameter:	56–58 mm
Supply lead:	3000 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 50°

lx		ø mm	i mm
2600		234	250
750		466	500
330		700	750
200		932	1000

Light box

nw

Dimensional drawing / installation

3000
Ø56-58
Ø8
1,7
10
Ø70

MultiWhite

Ø56-58

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER

AddLite

Advantages
▸ High-quality aluminium profile light
▸ Integrated cable routing

Features
▸ Wide beam without shadows
▸ Retrofittable

Examples of use
▸ Shelves
▸ Niches
▸ Display cabinets

AddLite

	NeutralWhite
Aluminium, anodized	34 246 01
Aluminium, black	34 246 05

Accessories*

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Functional lighting
Surface finish:	Aluminium/ black
Operating voltage:	12 V DC
Light colour:	NeutralWhite
Colour rendering:	RA >80
Luminous flux:	170 lm
Luminaire efficiency:	70 lm/W
Light source efficiency:	90 lm/W
Life span:	40,000 h (L70)
Power consumption:	2.4 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE UK ⟨⟩ ▽▽
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	mm
1200		288	250
300		576	500
180		866	750
100		1154	1000

Light box

nw

Dimensional drawing / installation

60   35

50

5

190   1800

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER
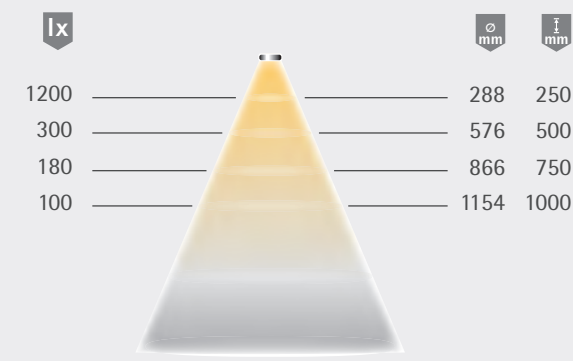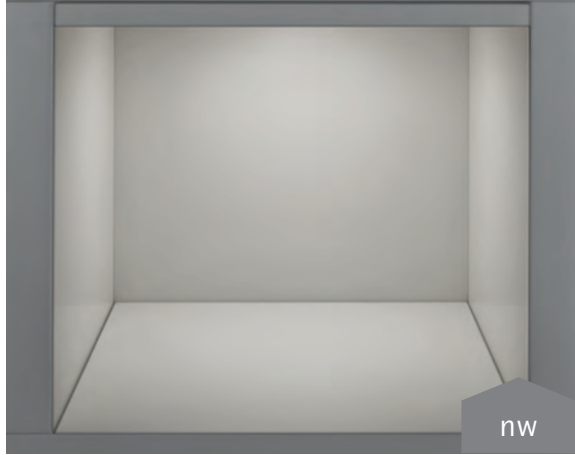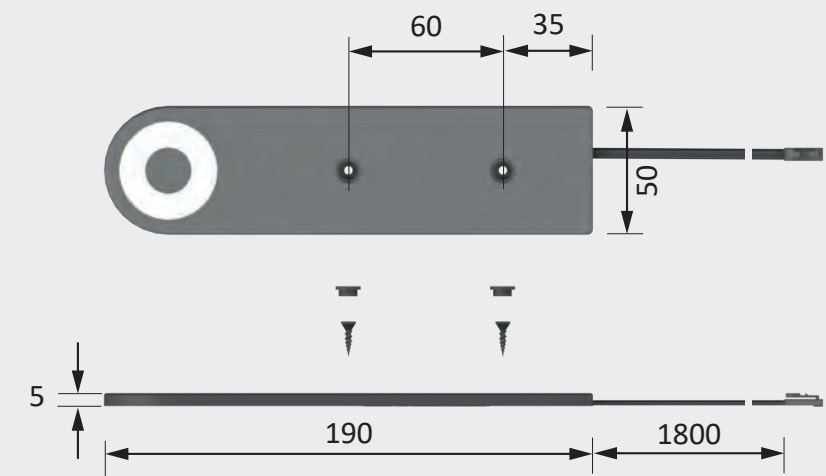
EcoPower L

Advantages
▶ Entry-level recessed spotlight
▶ Compact light

Features
▶ For 68 mm mounting diameter
▶ Wide beam without shadows

Examples of use
▶ Shelves
▶ Display cabinets
▶ Kitchen midway sections

Order information
▶ For a kitchen niche at least two luminaires per meter
▶ With direct connection of a MultiWhite luminaire to an electronic ballast, the light colour is XtraWarmWhite (2700K)

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Stainless steel look/ black
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite/ MultiWhite
Colour rendering:	RA > 80
Luminous flux:	230 lm
Luminaire efficiency:	72 lm/W
Light source efficiency:	94 lm/W
Life span:	40,000 h (L70)
Power consumption:	3.2 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE UK
Protection rating:	IP 44
Installed diameter:	68 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

EcoPower L

	MultiWhite*	WarmWhite	NeutralWhite
Stainless steel look	32 144 39	32 144 19	32 144 09
Black	32 144 35	32 144 15	32 144 05

Accessories**

Surface-mounted housing in stainless steel look	36 236 09
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
** Further accessories in section Switch systems

Light distribution diagram 60°

lx		ø mm	i mm
1175		288	250
310		576	500
145		866	750
85		1154	1000

Light box

WW

Dimensional drawing / installation

Ø68-71
Ø8
12
1,4
Ø75

Ø68-71

MultiWhite

magic by HALEMEIER

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

EcoPower Flood

Advantages
▶ Entry-level recessed spotlight
▶ Compact light

Examples of use
▶ Shelves
▶ Display cabinets

Features
▶ For 58 mm mounting diameter
▶ Wide beam without shadows

EcoPower Flood

	WarmWhite	NeutralWhite
Aluminium look	32 341 16	32 341 06
Stainless steel look	32 341 19	32 341 09

Accessories*

Surface-mounted housing in aluminium look	36 240 06
Surface-mounted housing in stainless steel look	36 240 09
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

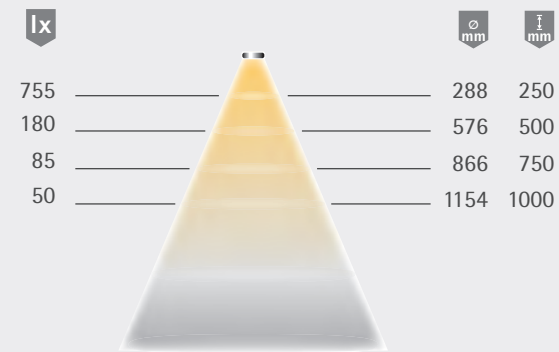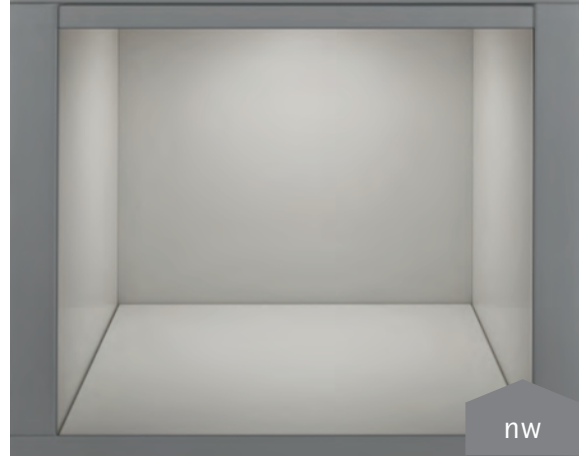* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Aluminium look / stainless steel look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA > 80
Luminous flux:	150 lm
Luminaire efficiency:	88 lm/W
Light source efficiency:	106 lm/W
Life span:	40,000 h (L70)
Power consumption:	1.7 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE UK
Protection rating:	IP 44
Installed diameter:	58 – 61 mm
Supply lead:	2000 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	l mm
755		288	250
180		576	500
85		866	750
50		1154	1000

Light box

nw

Dimensional drawing / installation

2000
Ø58-61
Ø8
12
Ø65
1,3
15,3
Ø66,7
1,3

Ø58-61

Linear lights   ChannelLine profile   Spotlights   Special lights   Switch systems   Ballasts / leads   Lighting knowledge
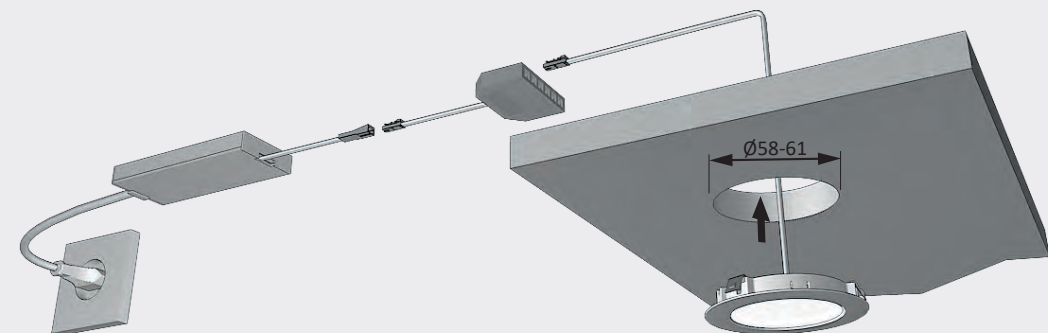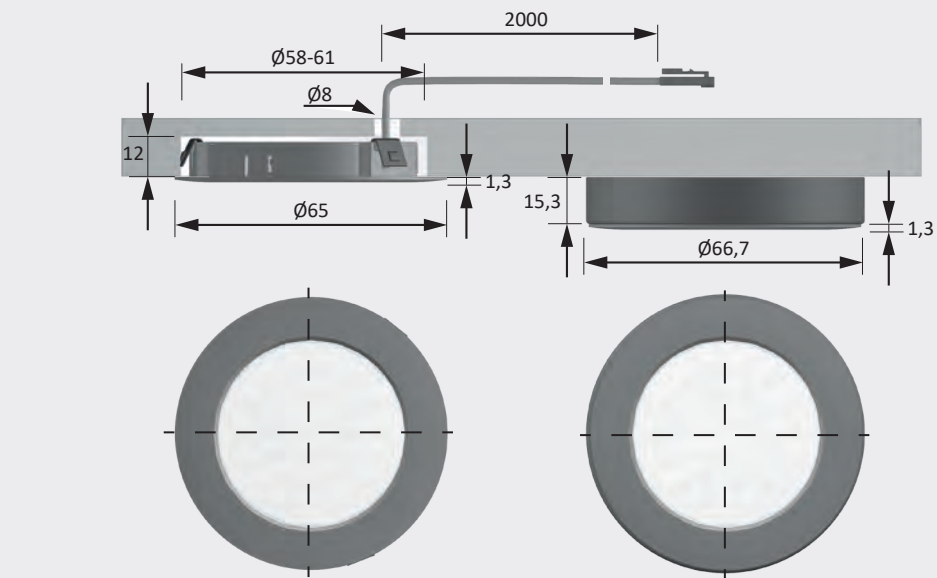
Eco Spot

Advantages
▶ Entry-level recessed spotlight
▶ Compact light
▶ Evenly illuminated area

Features
▶ For 58 mm mounting diameter
▶ Wide beam without shadows

Examples of use
▶ Shelves
▶ Display cabinets

Eco Spot

	WarmWhite	NeutralWhite
Stainless steel look	32 153 19	32 153 09
Stainless steel look (set of 10)	32 153 69	32 153 59

Accessories*

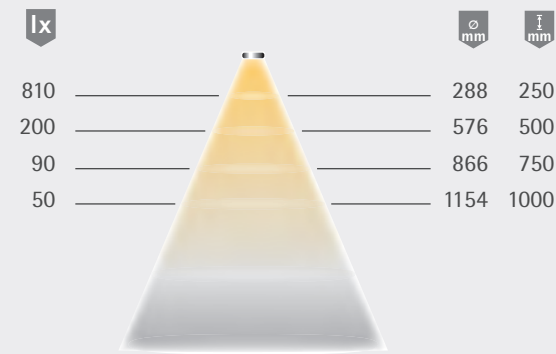|	
Surface-mounted housing in stainless steel look	36 244 09
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

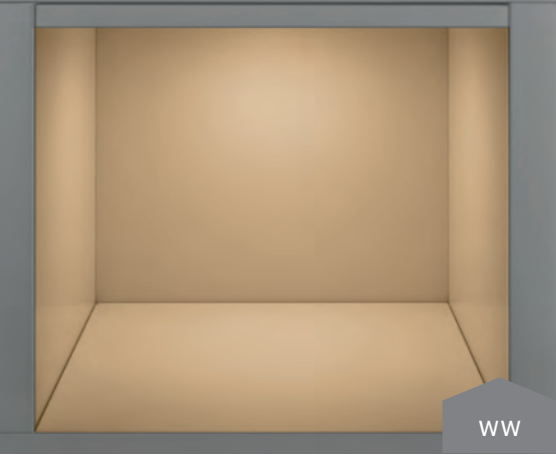* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Aluminium look/ Stainless steel look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >80
Luminous flux:	110 lm
Luminaire efficiency:	73 lm/W
Light source efficiency:	87 lm/W
Life span:	40,000 h (L70)
Power consumption:	1.5 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE UK ◇
Protection rating:	IP 20
Installed diameter:	58 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	i mm
810		288	250
200		576	500
90		866	750
50		1154	1000

Light box

WW

Dimensional drawing / installation

Ø58
1800
Ø8
12
1,7
Ø63,7
13
1,7
Ø58

Move Spot

Advantages
▸ Accentuation through swivelling light cone
▸ Can be used without glare
▸ Versatile
▸ Particularly bright

Features
▸ Recessed luminaire for 40 mm mounting diameter
▸ 20° adjustment to side
▸ Focused light

Examples of use
▸ Shelves
▸ Display cabinets
▸ Furniture halo lighting

Order information
▸ With direct connection of a MultiWhite luminaire to an electronic ballast, the light colour is XtraWarmWhite (2700 K)

Move Spot

	MultiWhite*	Extra WarmWhite
Aluminium	32 351 36	32 351 46
Black	32 351 35	32 351 35

Accessories**

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
** Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Aluminium
Operating voltage:	12 V DC
Light colour:	MultiWhite/ Extra WarmWhite
Colour rendering:	RA >80
Luminous flux:	100 lm
Luminaire efficiency:	56 lm/W
Light source efficiency:	83 lm/W
Life span:	40,000 h (L70)
Power consumption:	2.2 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	40°
Test marks and symbols:	CE UK ⬦ WW
Protection rating:	IP 44
Installed diameter:	40 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 40°

lx		ø mm	l mm
1800		206	250
500		412	500
250		620	750
130		828	1000

Light box

WW

Dimensional drawing / installation

1800
Ø40
Ø8
13
11
4
1,4
Ø45
±20°
Ø40

Linear lights • ChannelLine profile • Spotlights • Special lights • Switch systems • Ballasts / leads • Lighting knowledge

magic by HALEMEIER
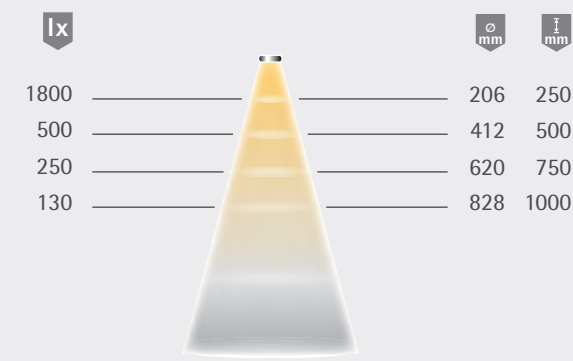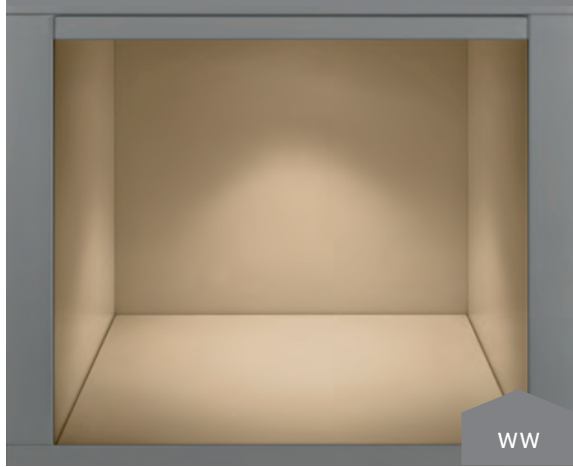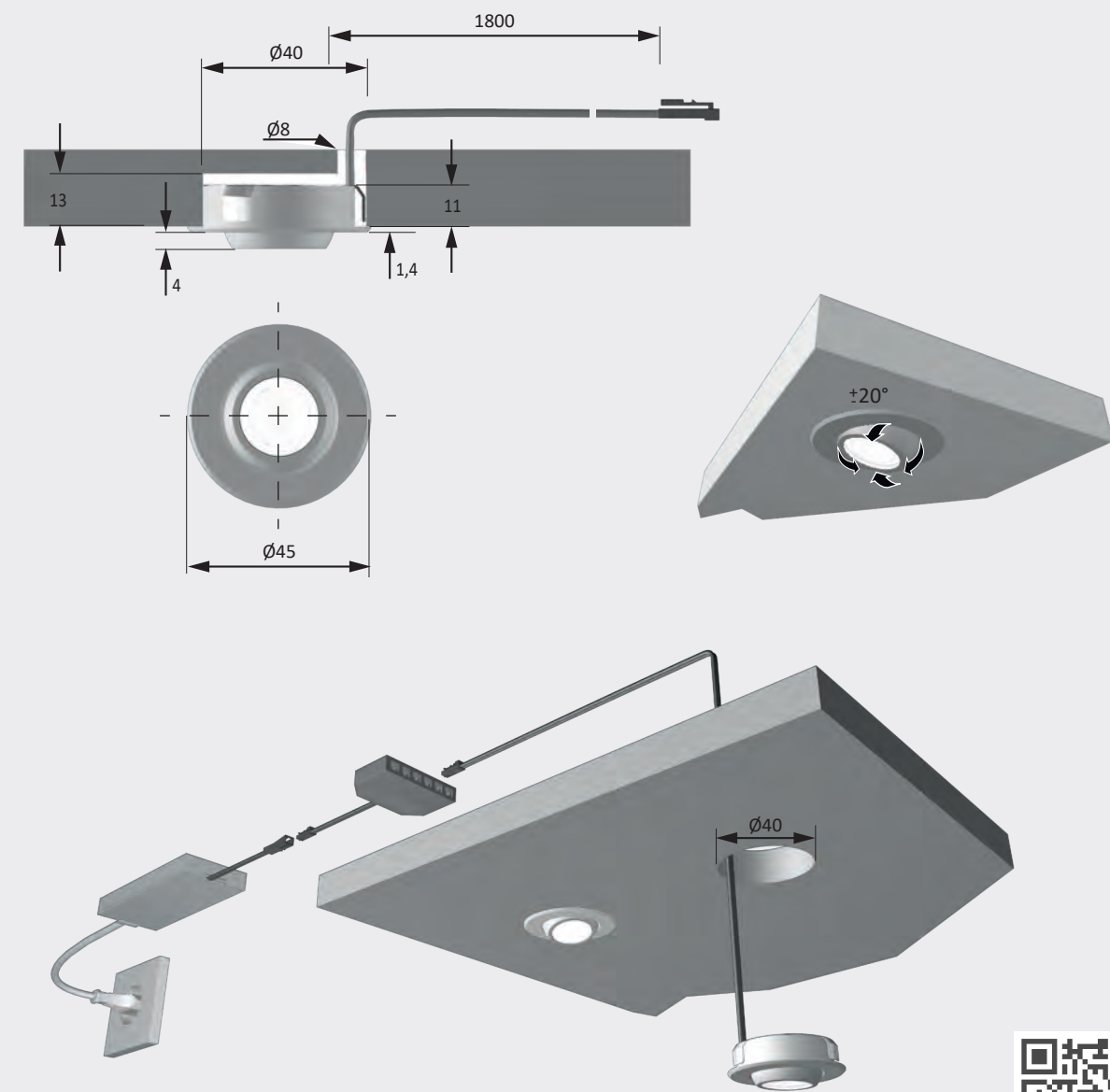
StarPoint Flood

Advantages
▶ Powerful LED spotlight
▶ Accentuation by small beam angle
▶ Versatile

Features
▶ Recessed light with 30 mm installed diameter

Examples of use
▶ Shelves
▶ Display cabinets
▶ Furniture halo lighting

StarPoint Flood

	WarmWhite	NeutralWhite
chrome	32 146 13	32 146 03

Accessories*

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	chrome
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >80
Luminous flux:	95 lm
Luminaire efficiency:	80 lm/W
Light source efficiency:	95 lm/W
Life span:	40,000 h (L70)
Power consumption:	1.2 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	80°
Half value angle:	50°
Test mark and symbols:	CE UK ◇ WW
Protection rating:	IP 20
Installed diameter:	29-32 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 50°

lx		ø mm	i mm
765		234	250
225		466	500
115		700	750
60		932	1000

Light box

WW

Dimensional drawing / installation

1800
Ø29-32
Ø8
13,5
Ø36
1

Ø29-32

SuperDot

Advantages
▶ Powerful LED spotlight
▶ Accentuation by small beam angle

Features
▶ Swivelling
▶ Recessed light with 35 mm installed diameter

Examples of use
▶ Shelves
▶ Display cabinets

SuperDot

	WarmWhite	NeutralWhite
Aluminium look	32 149 16	32 149 06

Accessories*

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >80
Luminous flux:	110 lm
Luminaire efficiency:	92 lm/W
Light source efficiency:	95 lm/W
Life span:	30,000 h (L70)
Power consumption:	1.2 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	50°
Half value angle:	25°
Test mark and symbols:	CE UK ◇ WW
Protection rating:	IP 20
Installed diameter:	32–35 mm
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 25°

lx		ø mm	i mm
4600		111	250
1650		222	500
700		332	750
380		443	1000

Light box

WW

Dimensional drawing / installation

1800
Ø32-35
Ø8
13
12
1
Ø40

Ø32-35

magic by HALEMEIER

SideSpot

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

Features
▸ Oblique light emission
▸ Recessed luminaire for 35 mm mounting diameter

Examples of use
▸ Shelves
▸ Display cabinets
▸ Carcase sides and shelves

Order information
▸ With direct connection of a MultiWhite luminaire to an electronic ballast, the light colour is XtraWarmWhite (2700K)

SideSpot

	MultiWhite*	Extra WarmWhite	CoolWhite
Black	32 171 35	32 171 45	32 171 25

Accessories**

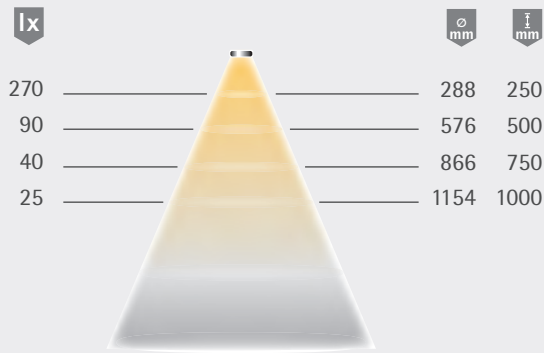|	
S-Mitter Basic MultiWhite Smart Set	31 123 01
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* MultiWhite accessories required
** Further accessories in section Switch systems
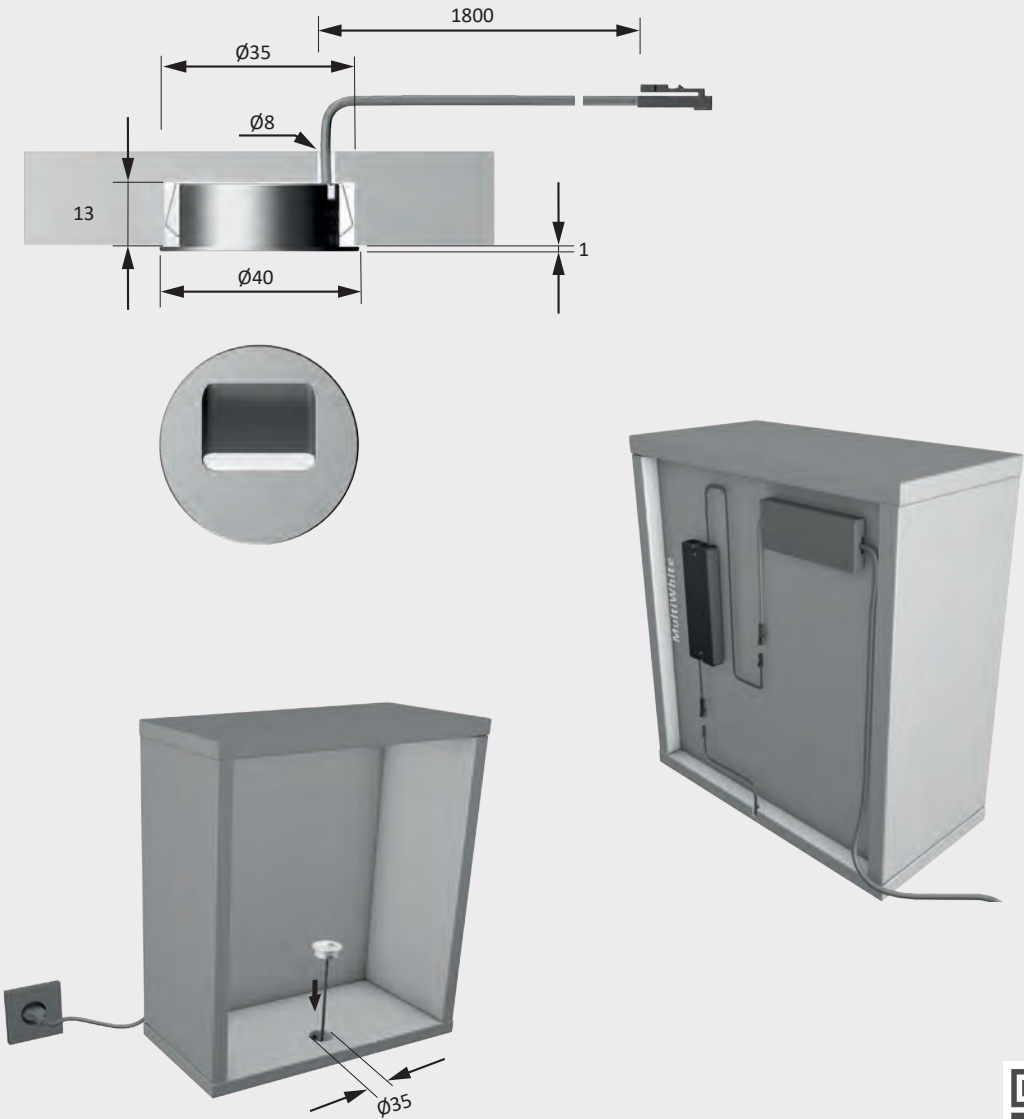
Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Functional / accent lighting
Surface finish:	Black
Operating voltage:	12 V DC
Light colour:	MultiWhite/ XtraWarmWhite/ CoolWhite
Colour rendering:	RA >80
Luminous flux:	50 lm
Luminaire efficiency:	30 lm/W
Light source efficiency:	45 lm/W
Life span:	40,000 h (L70)
Power consumption:	1.4 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test mark and symbols:	CE ⯑ ⯑ ⯑⯑
Protection rating:	IP 20
Installed diameter:	35 mm
Supply lead:	800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	ℓ mm
270		288	250
90		576	500
40		866	750
25		1154	1000

Dimensional drawing / installation

1800
Ø35
Ø8
13
Ø40
1
Ø35

magic by HALEMEIER

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

Special lights

Lights for special applications

Lights that showcase a back wall,
react to movement or
radiate in two directions – this and
further possibilities are opened up by
our wide spectrum of special luminaires.

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
MALEMEIER

SlimLine

Advantages
▶ Filigree light
▶ Mounts almost invisibly
▶ Also easy to retrofit

Features
▶ Surface-mounted
▶ High brightness

Examples of use
▶ On top of wardrobes
▶ Above mirrors

Order information
▶ For connection to the house installation we recommend our dimmable electronic ballasts or smart receivers.

SlimLine

	NeutralWhite
400 mm (4.8 W)	34 200 07
600 mm (7.8 W)	34 183 07
900 mm (11.4 W)	34 191 07

Accessories*

LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems/Ballasts and leads

Technical details

12 V

Luminaire type:	surface-mounted light
Type of lighting:	Functional lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	NeutralWhite
Colour rendering.	RA >80
Luminous flux:	310 lm/500 lm/740 lm
Luminaire efficiency:	65 lm/W
Light source efficiency:	90 lm/W
Life span:	40,000 h (L70)
Power consumption:	max. 11.4 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	120°
Half value angle:	60°
Test marks and symbols:	CE ⓤ ◊ ▽▽
Protection rating:	IP 44 (mounted)
Supply lead:	1800 mm
Plug connector:	LED mini
	M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx	⌀ mm	↕ mm
1580	350	250
490	700	500
240	1050	750
145	1400	1000
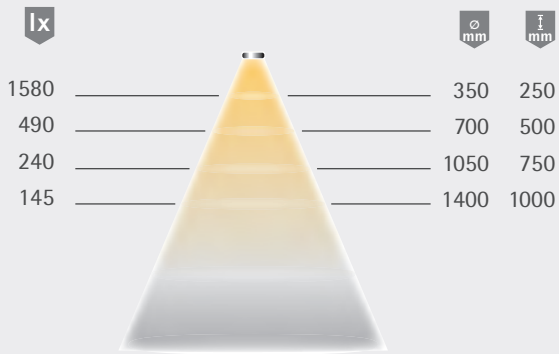
Dimensional drawing / installation
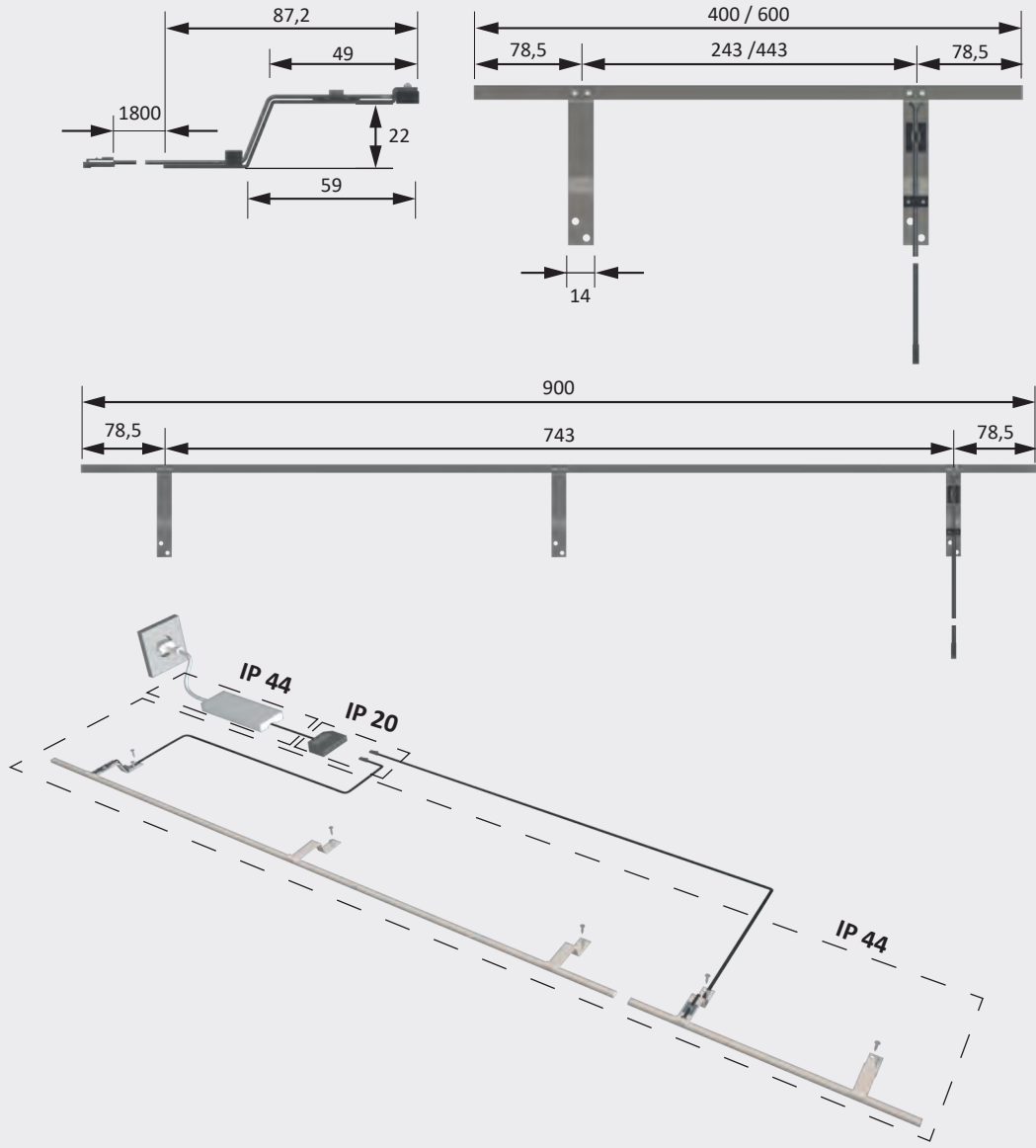
Ice

Advantages
▶ Can be retrofitted into furniture
▶ Light cone points upwards and downwards
▶ Achieve a big effect with little effort

Features
▶ For use with 6- 8 mm glass shelves

Examples of use
▶ For mounting on a glass plate

Ice

	WarmWhite
Aluminium look	34 149 01

Accessories*

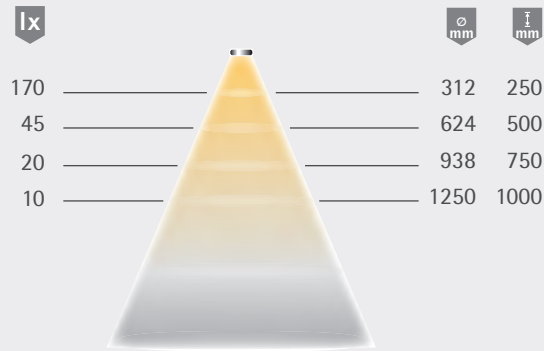|	
LED ballast 6 W with flat Euro plug	30 226 02
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems/Ballasts and leads
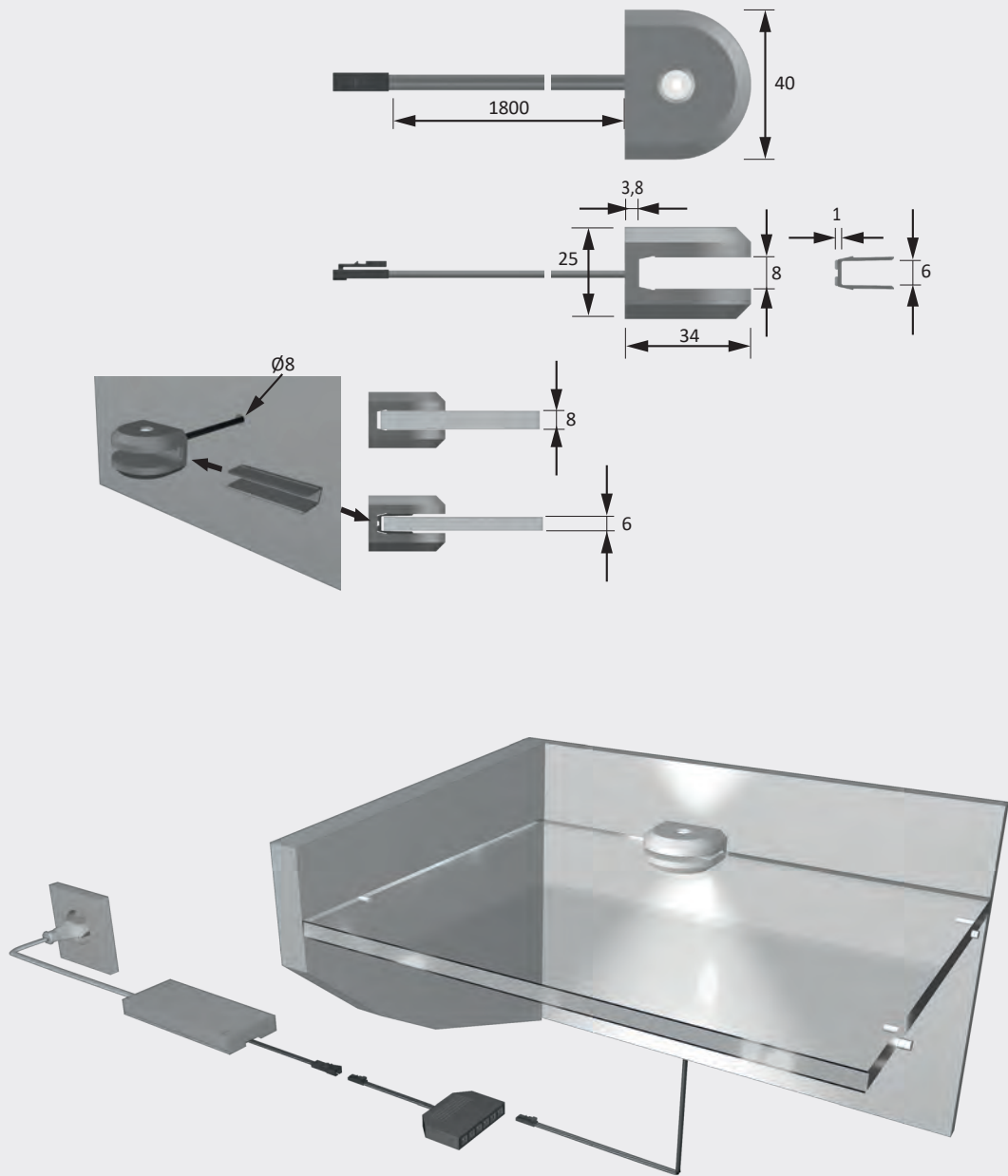
Technical details

12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Accent lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	WarmWhite
Colour rendering:	RA >90
Luminous flux luminaire:	40 lm
	2 x 20 lm (bottom/top)
Life span:	40,000 h (L70)
Power consumption:	0.9 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test marks and symbols:	CE UK ◈ ▽▽
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini
	M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		ø mm	i mm
170		312	250
45		624	500
20		938	750
10		1250	1000

Dimensional drawing / installation

1800
40
3,8
25
1
8
34
6
Ø8
8
6

magic by HALEMEIER

Light distribution diagram 20°

lx		ø mm	i mm
650		88	250
190		176	500
85		264	750
50		352	1000

Light box

nw

LuckyLite Pro

Advantages
▸ Operated by battery, rechargeable via micro USB
▸ No need for cables

Features
▸ Tool-free installation
▸ Can be retrofitted into furniture
▸ Integrated motion sensor

Examples of use
▸ Behind furniture doors

Order information
▸ Including 0.2 m USB charger cable
▸ USB chargers must be ordered separately

Technical details

12 V

LuckyLite Pro

	NeutralWhite
Aluminium look	38 258 26

Accessories*

USB charger	30 026 01

Luminaire type: Surface-mounted light
Type of lighting: Accent lighting
Surface finish: Aluminium look
Light colour: NeutralWhite
Colour rendering: RA >80
Luminous flux: 30 lm
Life span: 20,000 h (L70)
Dimmable: No
Beam angle: 90°
Half value angle: 20°
Test marks and symbols: CE ⌖ ☗ ⊽⊽
Protection rating: IP 20
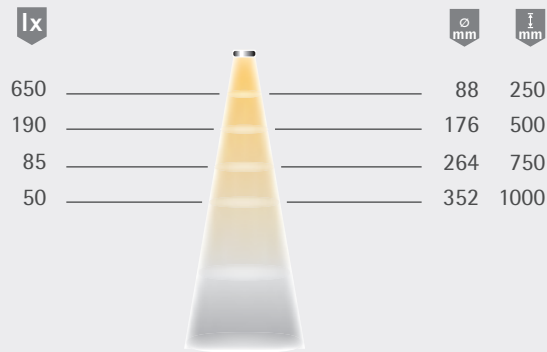Charger connection: Micro USB
Motion sensor
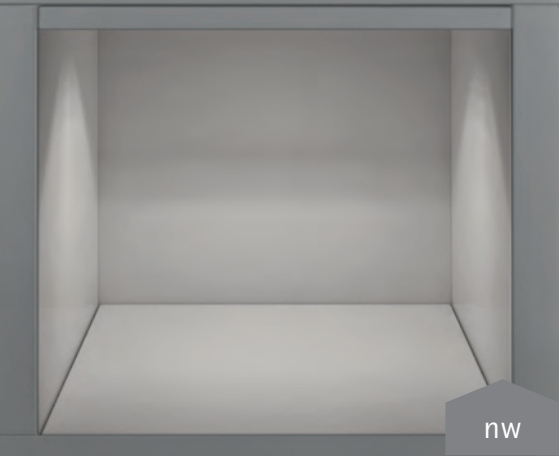Detection angle: 120°
Reach: 2 m
Stay-'ON' time: 10 seconds

Dimensional drawing / installation

100

10,6

70

ca. 2 m   ca. 120°   ca. 10 sek.

150

* Further accessories in section Switch systems/Ballasts and leads

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
by HALEMEIER
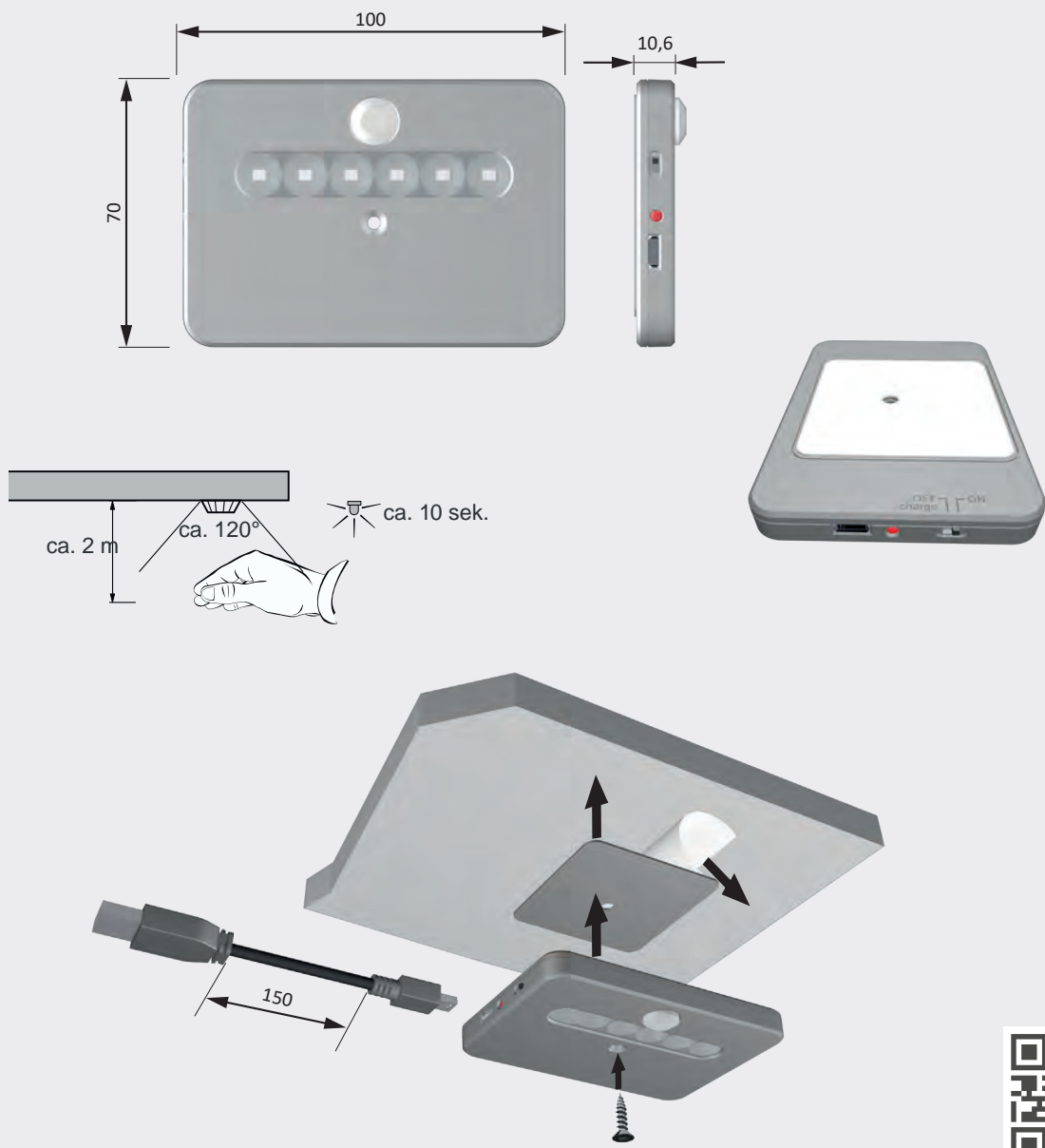
LitePipe

Advantages
▶ Activated by motion sensor
▶ Can be individually cut to size

Features
▶ Load capacity of up to 40 kg/m
▶ Can be retrofitted into furniture

Examples of use
▶ Wardrobes
▶ Cloakrooms

LitePipe

	WarmWhite	NeutralWhite
1000 mm (max. 5.0 W)	55 152 11	55 152 08
1200 mm (max. 5.5 W)	55 146 11	55 146 08

Accessories*

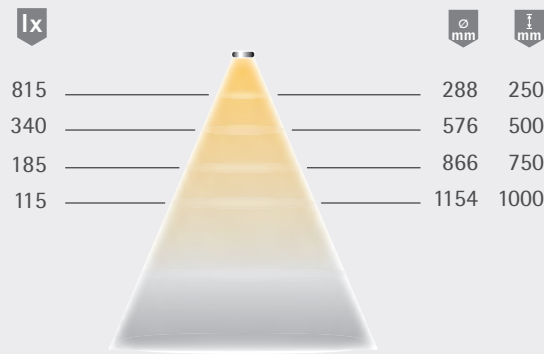|	
LED ballast 6 W with flat Euro plug	30 226 02
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems/Ballasts and leads
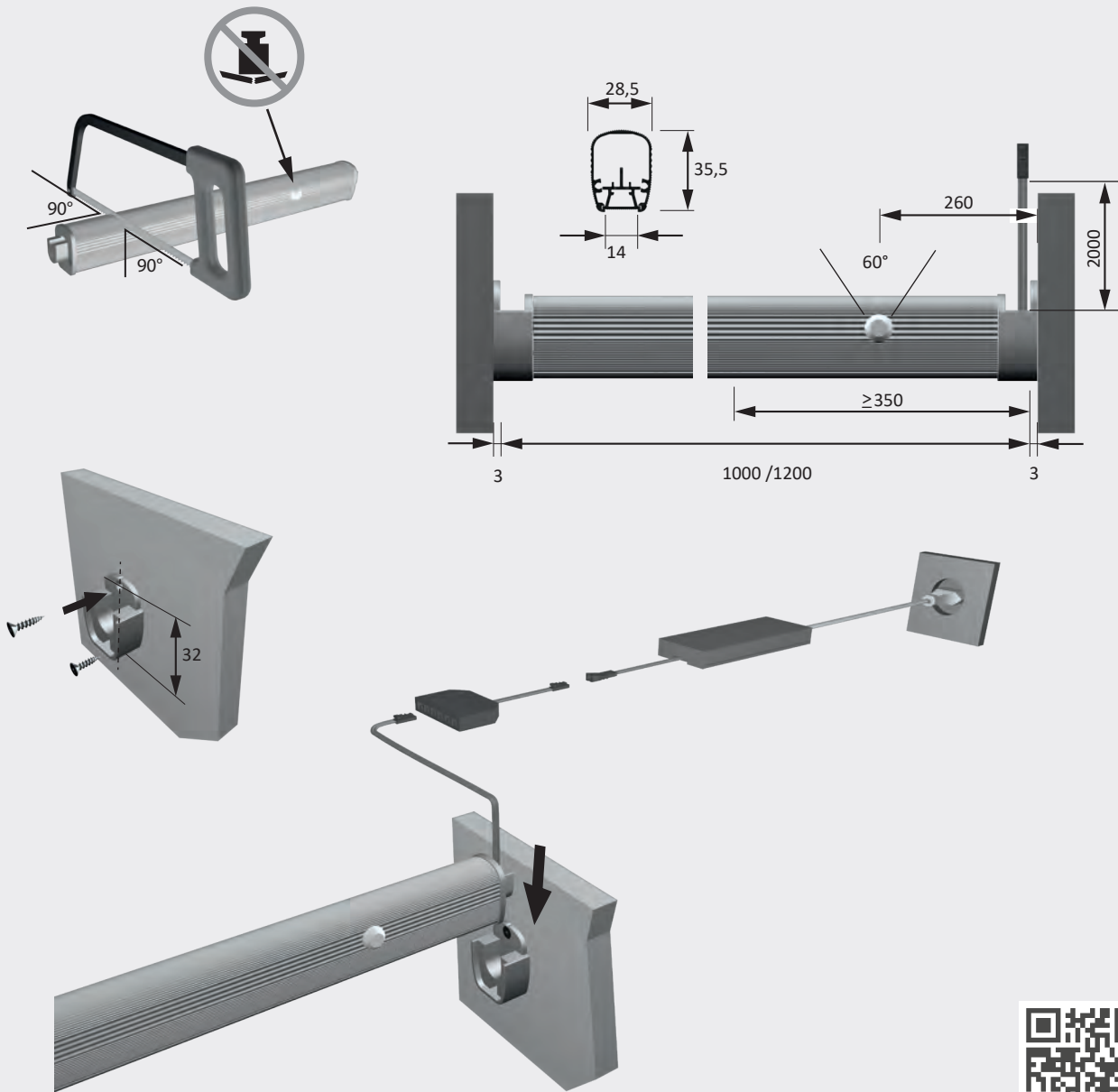
Technical details

12 V

Luminaire type:	Wardrobe rail LED light
Type of lighting:	Functional lighting
Surface finish:	Aluminium
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >80
Luminous flux:	220 lm/m
Luminaire efficiency:	44 lm/W
Light source:	80 lm/W
Life span:	30,000 h (L70)
Power consumption:	max. 5.5 W
Dimmable:	No
Beam angle:	90°
Half value angle:	60°
Test marks and symbols:	CE 🆗 ◈ ᐯᐯ
Protection rating:	IP 20
Supply lead:	2000 mm
Motion sensor	
Detection angle:	60°
Reach:	2 m
Stay-'ON' time:	40 seconds
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		⌀ mm	↕ mm
815		288	250
340		576	500
185		866	750
115		1154	1000

Dimensional drawing / installation: Can be individually cut to size

28,5
35,5
14
90°
90°
260
60°
2000
3
1000 /1200
3
≥350
32

magic by HALEMEIER

Light distribution diagram 50°

lx		⌀ mm	i mm
225		234	250
75		466	500
30		700	750
20		932	1000

InnoLine Plus

Advantages
▸ Drawer lighting
▸ No dark zones
▸ Integrated infrared sensor switch

Features
▸ Can be retrofitted into furniture

Examples of use
▸ In drawers

Order information
▸ When ordering, specify article number and interior body dimension in mm
▸ Order cable duct separately if required

Technical details

12 V

InnoLine Plus*	
	NeutralWhite
200–300 mm (max. 1.4 W)	55 168 01
301–400 mm (max. 1.8 W)	55 168 02
401–500 mm (max. 2.3 W)	55 168 03
501–600 mm (max. 2.8 W)	55 168 04
601–700 mm (max. 3.2 W)	55 168 05
701–800 mm (max. 3.8 W)	55 168 06
801–900 mm (max. 4.2 W)	55 168 07
901–1000 mm (max. 4.7 W)	55 168 08
1001–1100 mm (max. 5.2 W)	55 168 09
1101–1200 mm (max. 5.7 W)	55 168 10

Accessories**	
Cable duct, self-adhesive, 1000 mm, white	36 238 01
LED ballast 20 W with flat Euro plug	31 016 01
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

Luminaire type: Surface-mounted light
Type of lighting: Functional lighting
Surface finish: Aluminium
Operating voltage: 12 V DC
Light colour: NeutralWhite
Colour rendering: RA >80
Luminous flux: 158 lm/m
Luminaire efficiency: 34 lm/W
Light source efficiency: 70 lm/W
Sensor range: 3–50mm
Life span: 30,000 h (L70)
Power consumption: see ordering chart
Dimmable: No
Beam angle: 90°
Half value angle: 50°
Test marks and symbols: CE ⓤⓢ ◇ ▽▽
Protection rating: IP 20
Supply lead: 2400 mm
Plug connector: LED mini
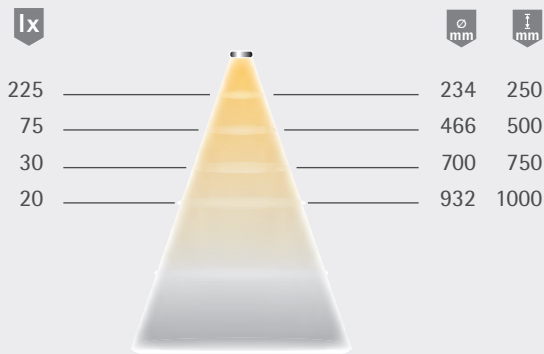   M1 plug connector
Connection to: LED ballast

* Fixed lengths can be made to measure from a quantity of 1
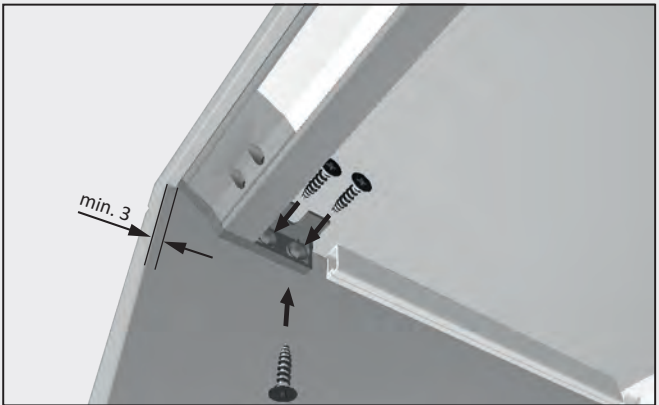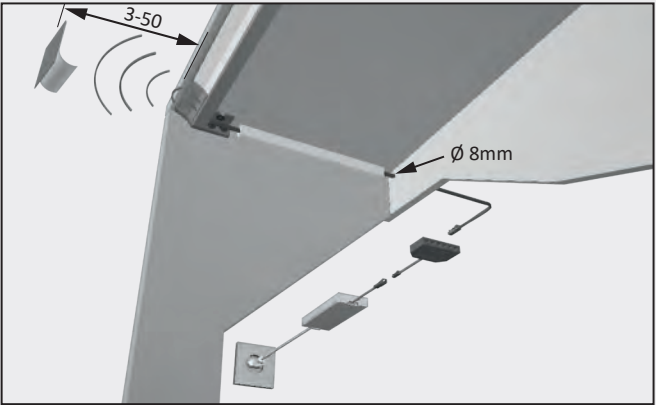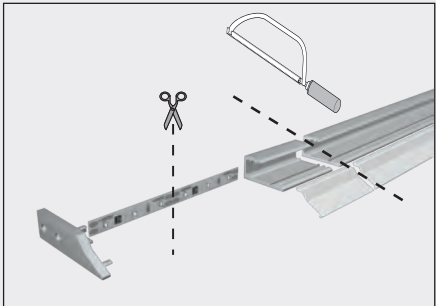** Further accessories in section Switch systems/Ballasts and leads

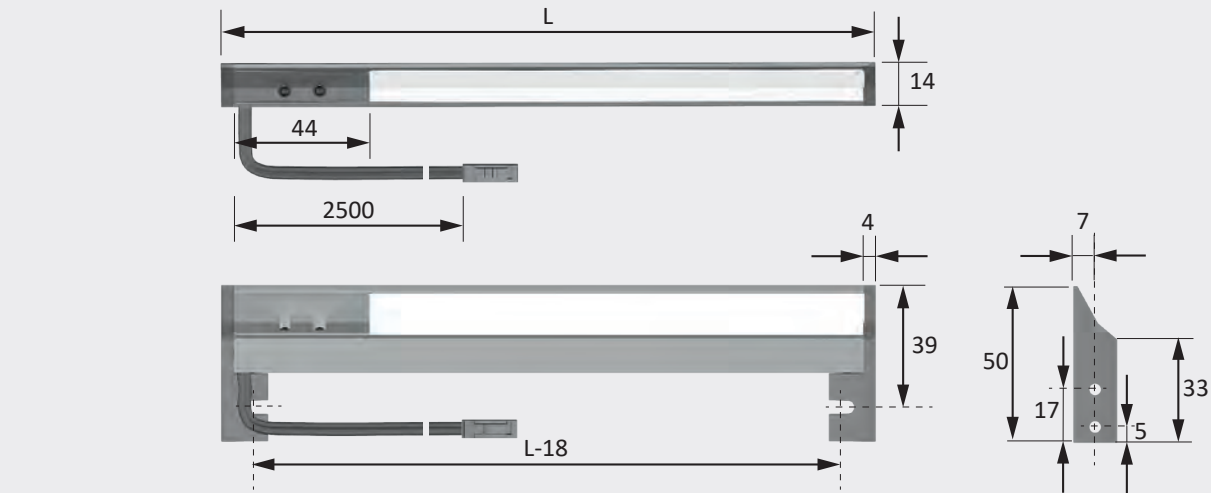## Dimensional drawing / installation ⟷ Can be individually cut to size   ◂▸ Light can be made to measure

L
14
44
2500
39
4
7
50
17
5
33
L-18
3-50
Ø 8mm
min. 3

Linear lights | ChannelLine profile | Spotlights | Special lights | Switch systems | Ballasts / leads | Lighting knowledge

Light distribution diagram 45°

lx		ø mm	i mm
1100		206	250
445		412	500
210		620	750
125		828	1000
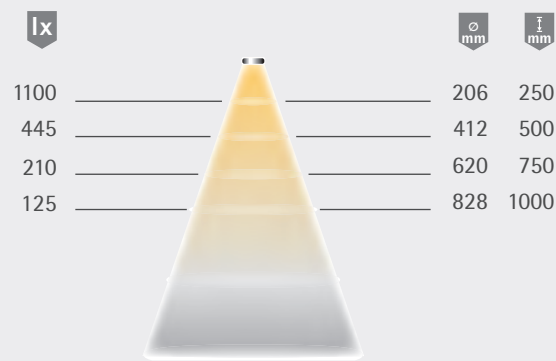
LuckyLine

Advantages
▶ 'ON' time can be set individually
▶ Various installation angles

Features
▶ Can be retrofitted into furniture
▶ Timer-controlled switch-off
▶ Integrated motion sensor

Examples of use
▶ Orientation light for under the bed
▶ Cabinet interior lighting

Order information
▶ Set contains 2 lights, 1 extension,
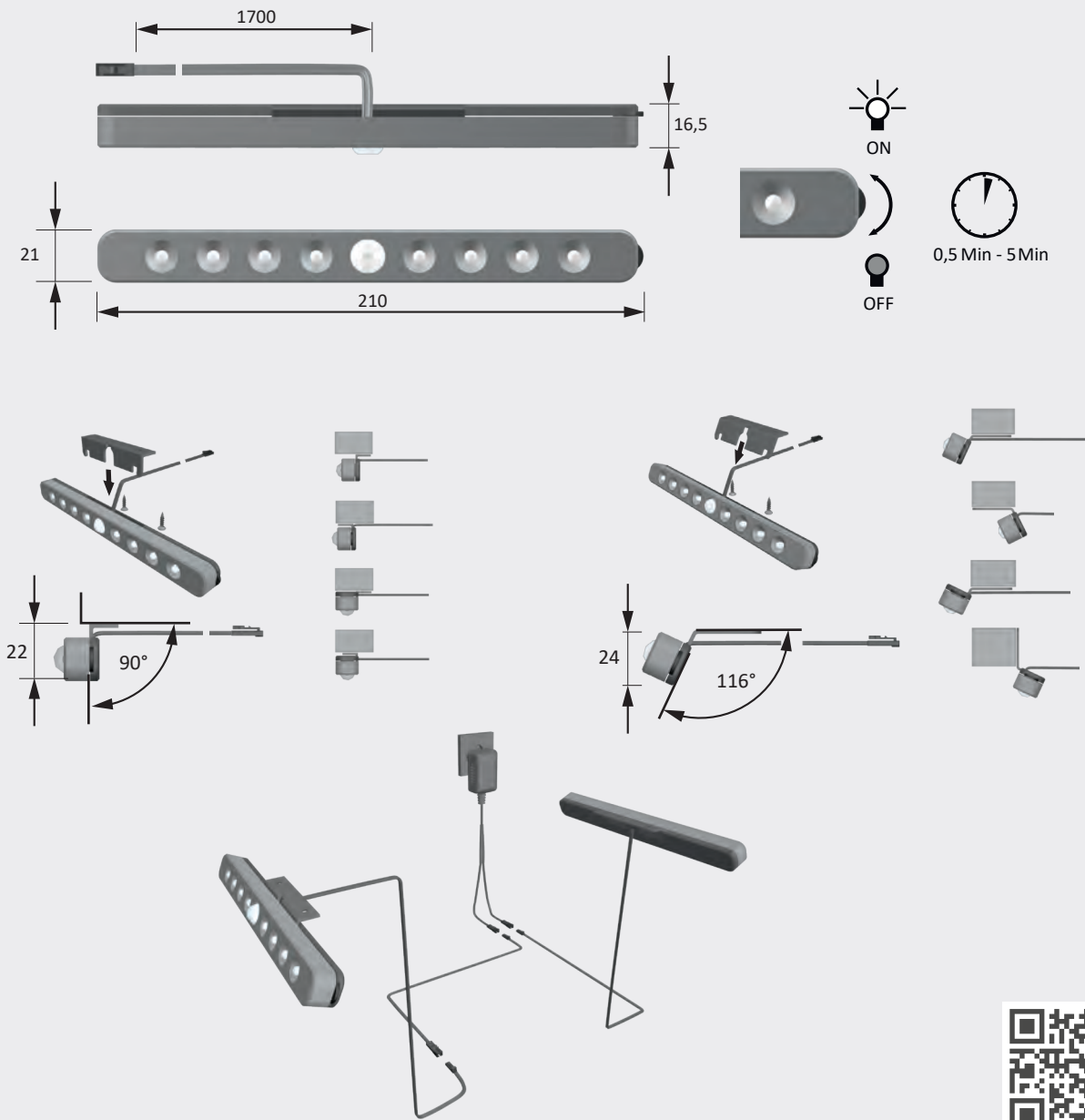 angle mounts, 1 LED plug, electronic ballast

LuckyLine

	WarmWhite	NeutralWhite
LuckyLine including ballast (set of 2)	36 972 11	36 975 02

Technical details

12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Orientation lighting
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Light colour:	WarmWhite/ NeutralWhite
Colour rendering:	RA >80
Luminous flux:	50 lm per luminaire
Life span:	30,000 h (L70)
Power consumption:	0.9 W per luminaire
Dimmable:	No
Beam angle:	90°
Half value angle:	45°
Test marks and symbols:	CE ⊕ ⟱⟱
Protection rating:	IP 20
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast
Sensing angle:	110°
Reach:	2 m
Stay-'ON' time:	30 seconds to 5 minutes
Supply lead:	1700 mm

Dimensional drawing / installation

1700
16,5
21
210

ON
OFF
0,5 Min - 5 Min

22   90°
24   116°

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic by HALEMEIER

QuadroPoint square

Advantages
▸ Particularly small mounting depth
▸ Filigree design

Features
▸ Brushed stainless steel cover
▸ Can be mounted in switch boxes
▸ Plug-in connection on housing

Examples of use
▸ Floors
▸ Kitchen plinths
▸ Stairs

Order information
▸ Supply lead can be extended to 10 m

QuadroPoint square

	NeutralWhite
Stainless steel look	38 970 01

Accessories*

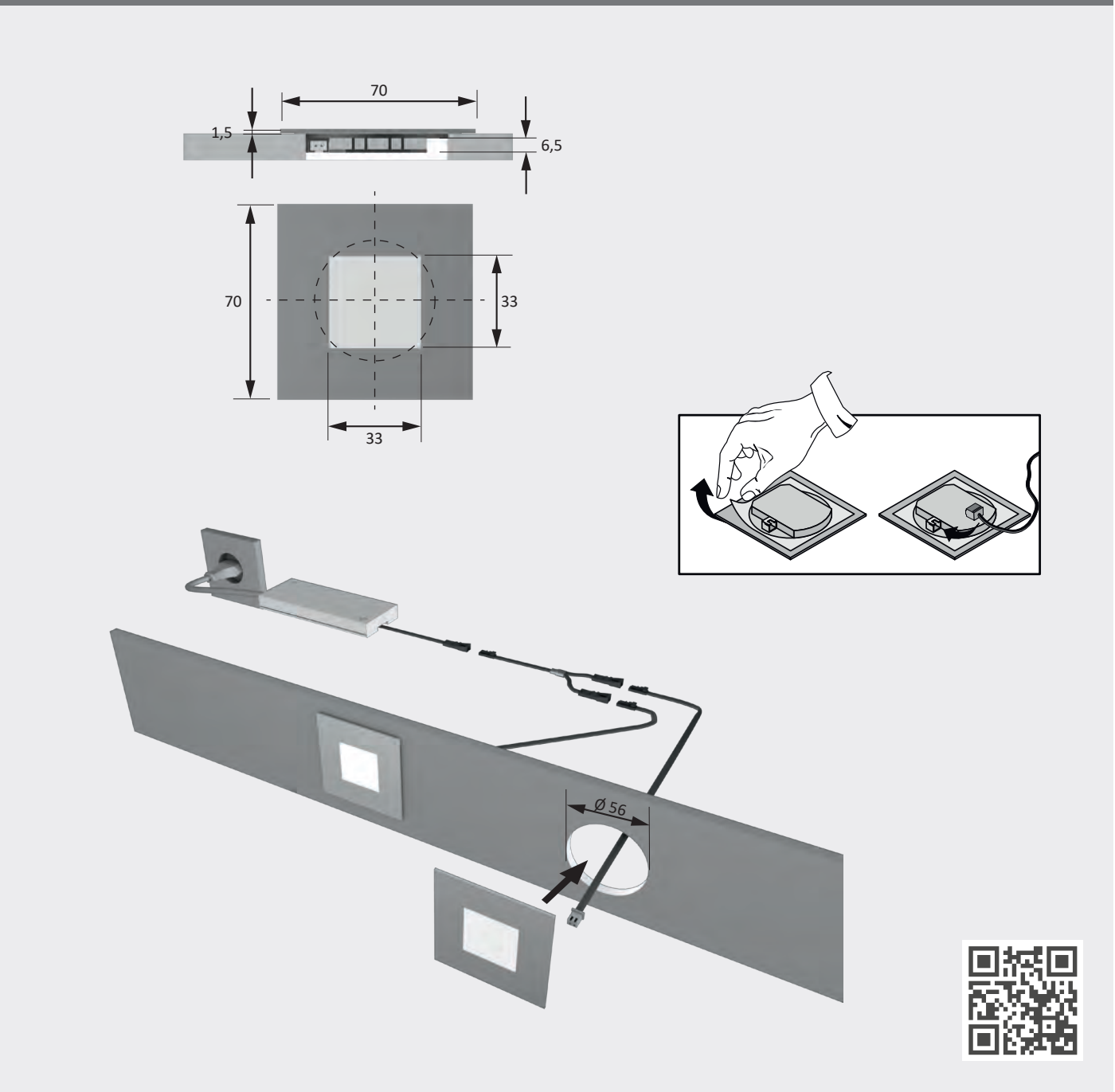|	
LED ballast 6 W with flat Euro plug	30 226 02
M1 extension lead 5000 mm	36 743 03
M1 extension lead 1800 mm	36 768 01
M1 3-way distributor 180 mm	36 852 01
M1 6-way distributor 2000 mm	36 125 01

* Further accessories in section Switch systems/Ballasts and leads

Technical details

12 V

Luminaire type:	LED recessed light
Type of lighting:	Accent/ orientation lighting
Surface finish:	Stainless steel look
Operating voltage:	12 V DC
Light colour:	NeutralWhite
Colour rendering:	RA >80
Luminous flux:	18 lm
Life span:	30,000 h (L70)
Power consumption:	0.6 W
Dimmable:	Yes/PWM/Smart.home
Beam angle:	90°
Half value angle:	60°
Test marks and symbols:	CE ⊡ ☆ ▽▽
Protection rating:	IP 20
Supply lead:	3000 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Dimensional drawing / installation

70
1,5
6,5
70
33
33
Ø 56

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic by HALEMEIER

SwanLite

Advantages
▶ Switch on light head
▶ Easy to retrofit
▶ Good price/performance ratio

Features
▶ Flexible gooseneck
▶ Wide beam
▶ Swivelling lamp head

Examples of use
▶ Bed head
▶ Sofa

Order information
▶ LED plug ballast and a
extension lead are included in the set

SwanLite

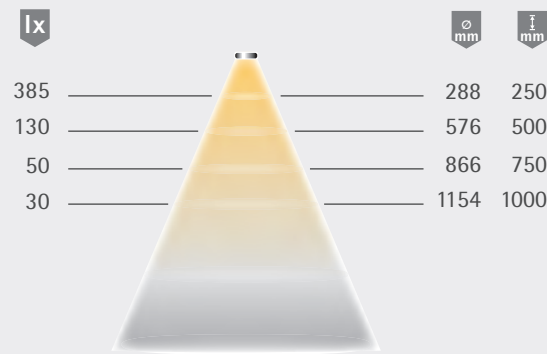|	NeutralWhite
Set of 2 Aluminium look	40 878 06
Set of 2 Chrome	40 878 03
Set of 2 Black Soft Touch	40 878 05

Technical details
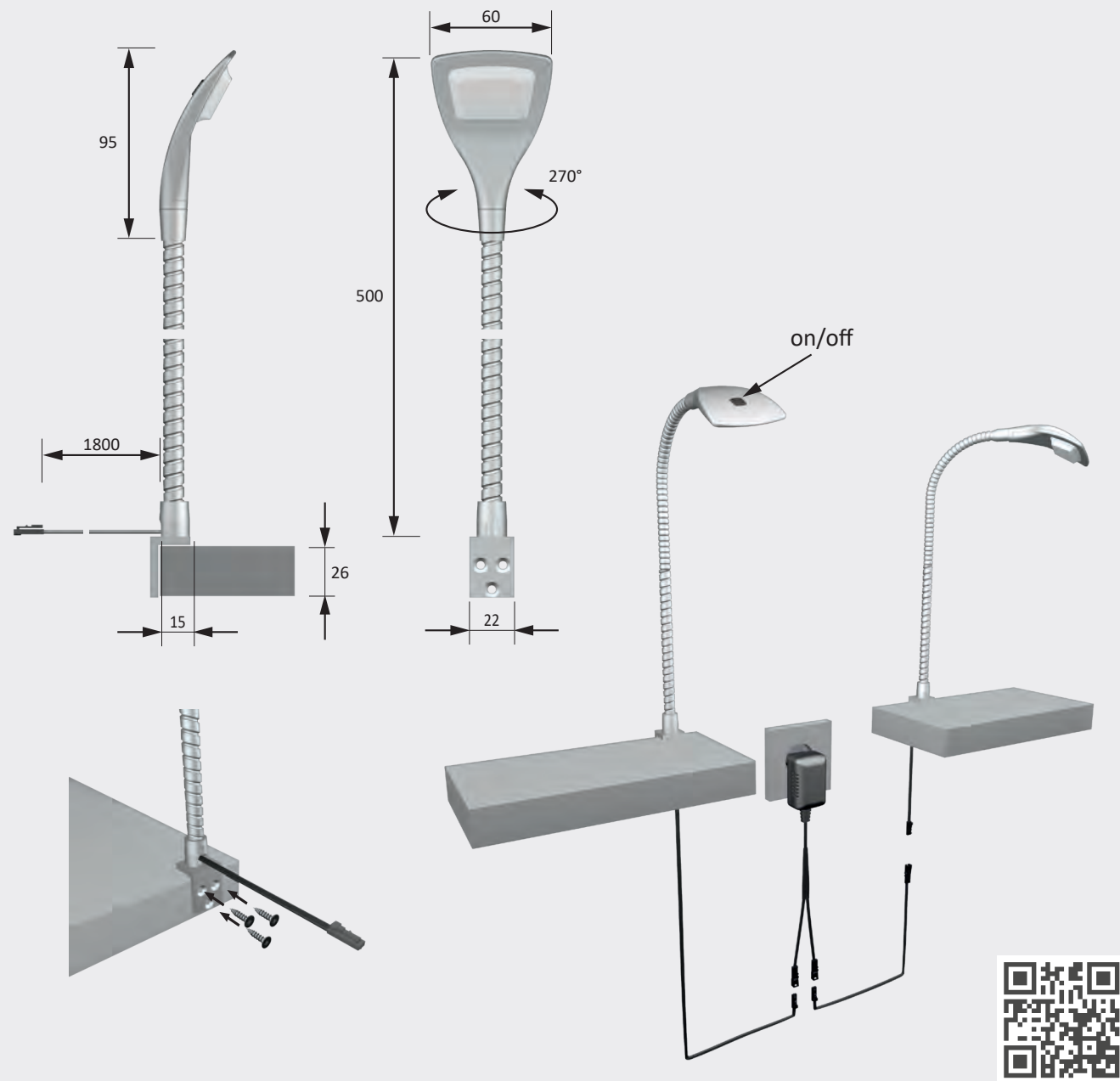
12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Functional lighting
Surface finish:	Aluminium look, Chrome, Black Soft Touch
Operating voltage:	12 V DC
Light colour:	NeutralWhite
Colour rendering:	RA >80
Luminous flux:	100 lm per luminaire
Life span:	30,000 h (L70)
Power consumption:	1.25 W per luminaire
Dimmable:	No
Number of LEDs:	21
Beam angle:	90°
Half value angle:	60°
Test marks and symbols:	CE UK
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini M1 plug connector
Connection to:	LED ballast

Light distribution diagram 60°

lx		⌀ mm	↕ mm
385		288	250
130		576	500
50		866	750
30		1154	1000

Dimensional drawing / installation

95

1800

15

60

270°

500

26

22

on/off

magic by HALEMEIER

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

Miles

Advantages
▸ Push button/dimmer in luminaire head
▸ Easy to retrofit
▸ High quality design light

Features
▸ Flexible gooseneck
▸ Non wide beam

Examples of use
▸ Headboard
▸ Sofa

Order information
▸ LED plug ballast and a
 Extension lead (set of 2) included
 in the set

Miles

	WarmWhite
Set of 1 Black matt	40 968 15
Set of 2 Black matt	40 969 15

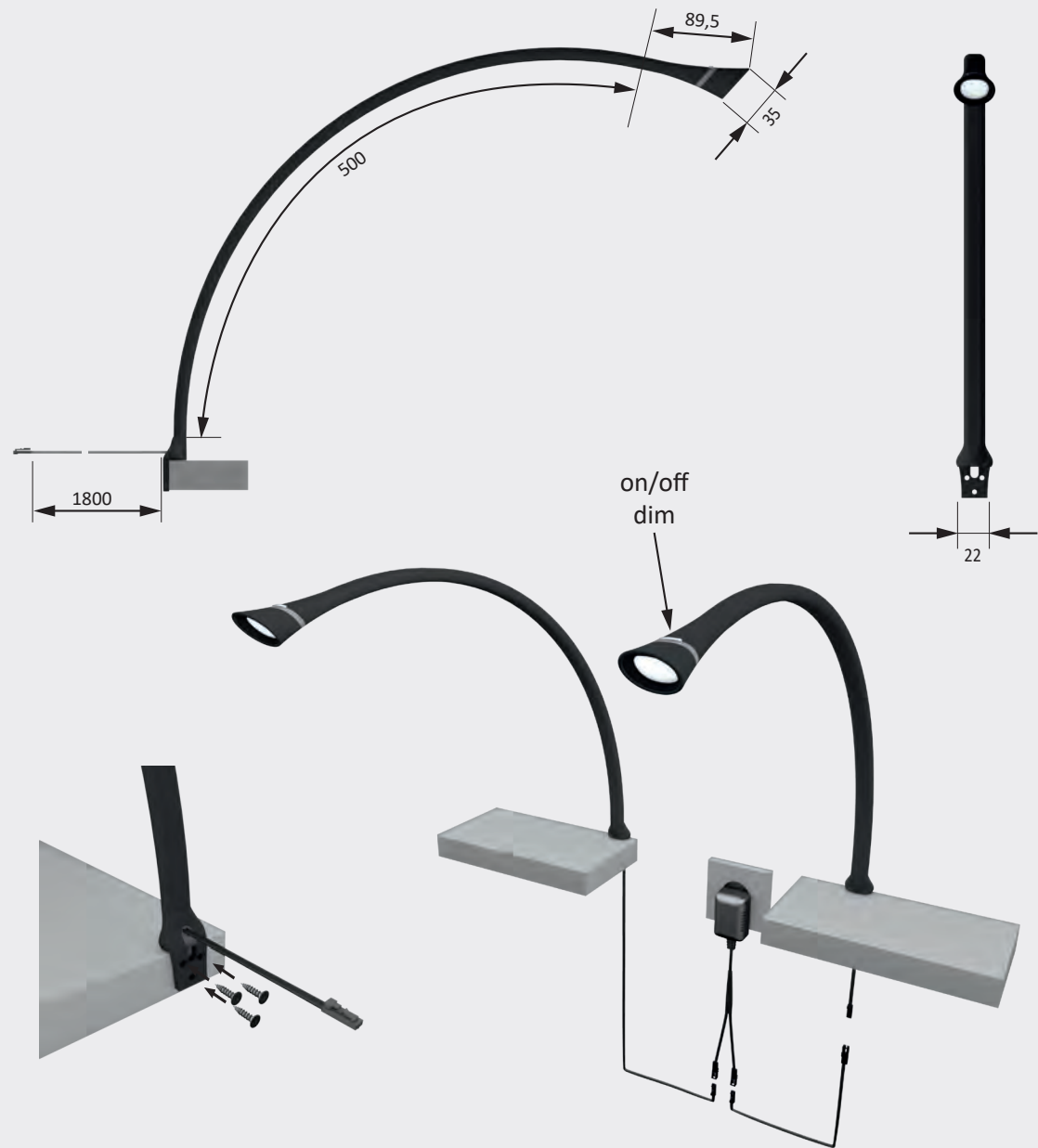## Technical details

12 V

Luminaire type:	Surface-mounted light
Type of lighting:	Functional lighting
Surface finish:	Black matt
Operating voltage:	12 V DC
Light colour:	WarmWhite
Colour rendering:	RA >80
Luminous flux:	130 lm per luminaire
Life span:	40,000 h (L70)
Power consumption:	1.8 W per luminaire
Dimmable:	yes, via push button
Number of LEDs:	3
Beam angle:	70°
Half value angle:	50°
Test marks and symbols:	CE UK ◈ ▽▽
Protection rating:	IP 20
Supply lead:	1800 mm
Plug connector:	LED mini
	M1 plug connector
Connection to:	LED ballast

Light distribution diagram 50°

lx		ø mm	i mm
1900		233	250
500		466	500
225		700	750
130		933	1000

Dimensional drawing / installation

89,5

35

500

1800

22

on/off
dim

Sidebar (right margin): Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

magic by HALEMEIER
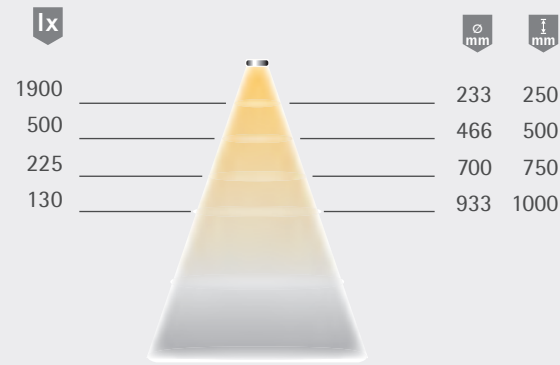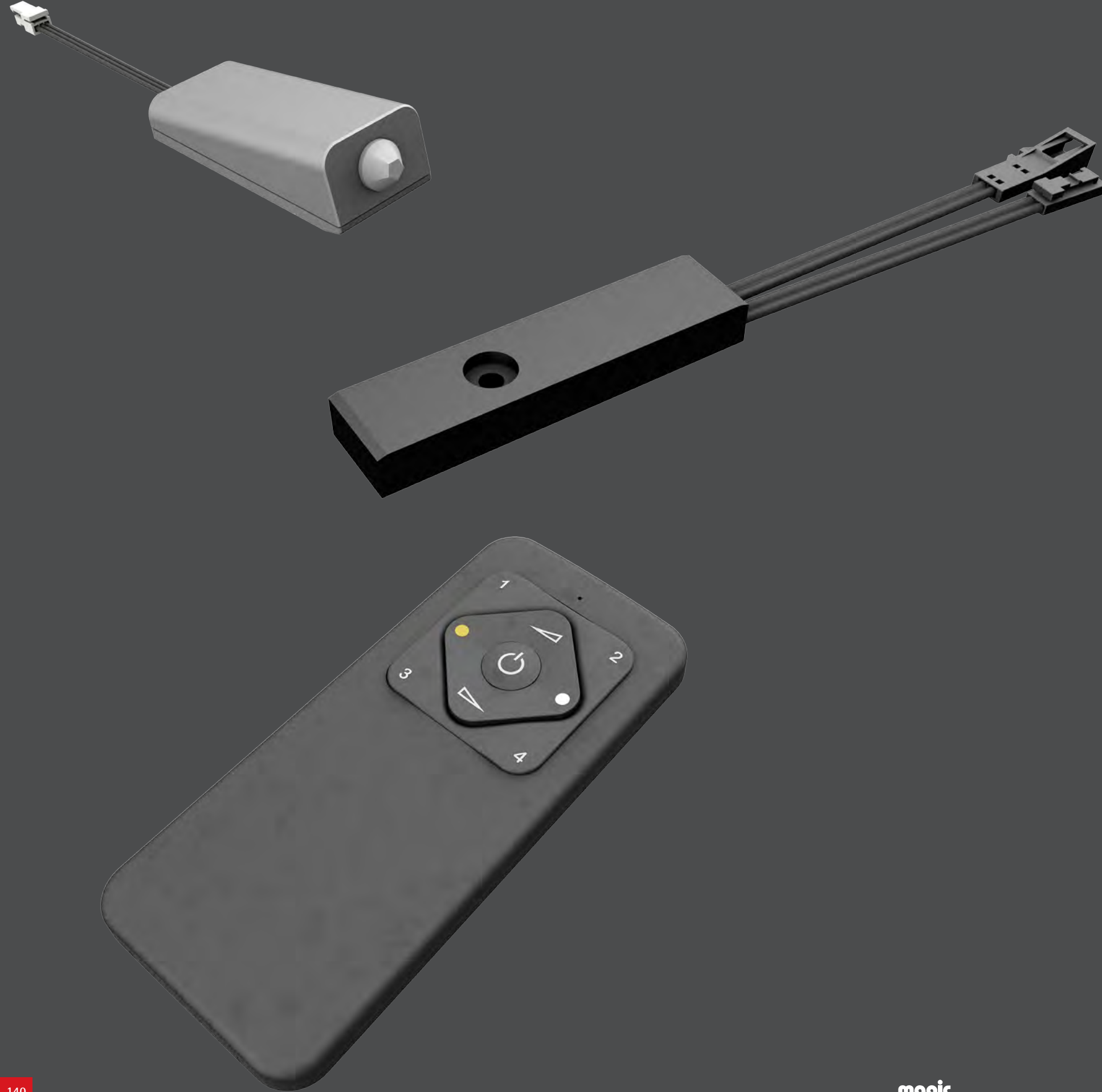
Switch systems

The right system for any installation

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

whether smart or conventional, our switch systems provide the right atmosphere at the right time.
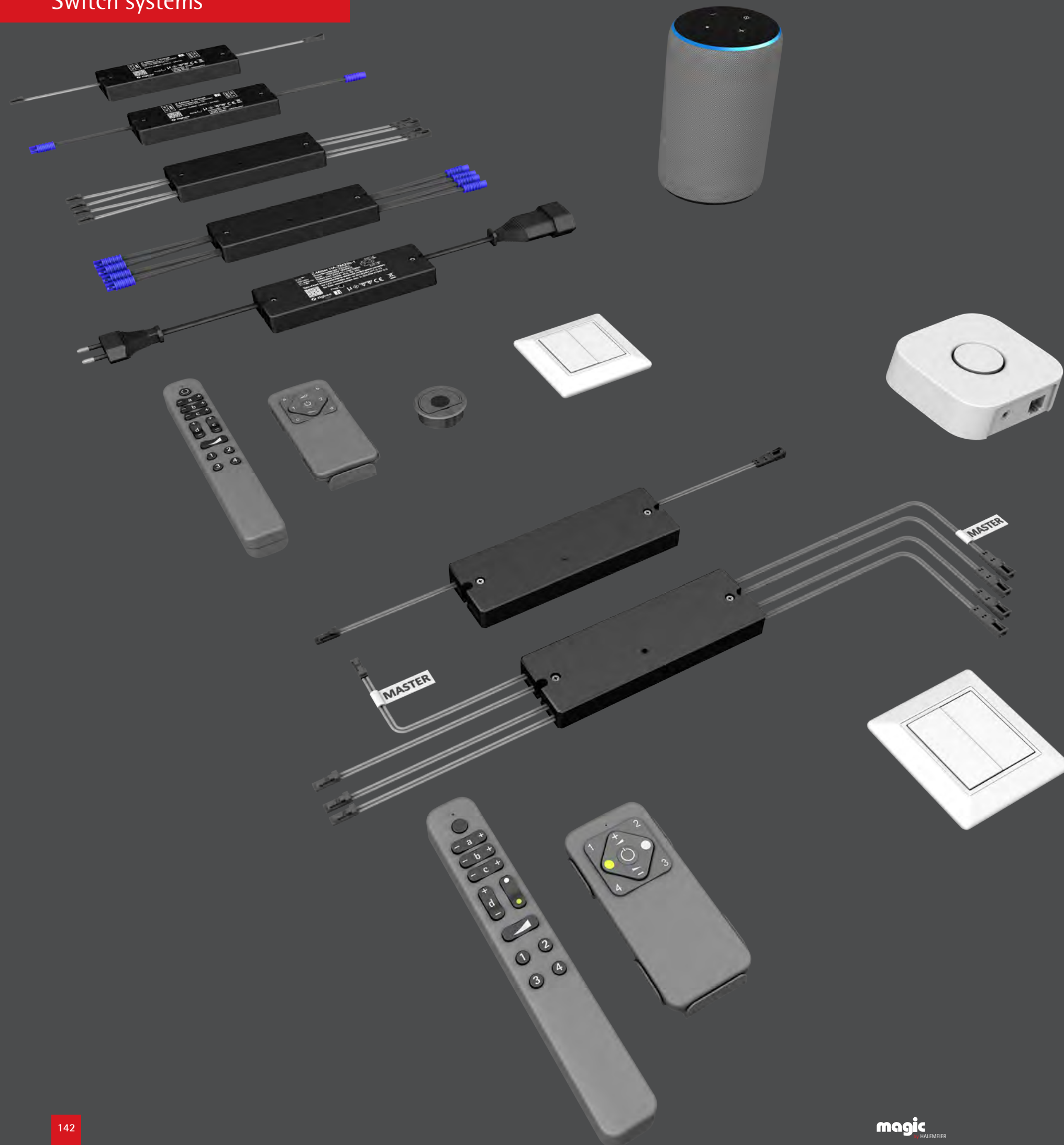
However, our switch systems do not only work via Smart.home or remote control.

Lights can also be switched on automatically with 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.

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
BY HALEMEIER

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 Touch-Link 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

MASTER

MASTER

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
by HALEMEIER

1-channel wireless switch and dimmer

X-Mitter

Advantages
▶ 1-channel wireless switch and dimmer
▶ Comfortable light switching
▶ Can be integrated in a smart home

Features
▶ Memory function for power failure
▶ Set works independently or in the smart home network
▶ Remote control and smart receiver are programmed in the set

Order information
▶ Set consists of X-Mitter Smart Remote Control and Smart Receiver
▶ 230 Volt AC receiver can only on/off switch, not dim
▶ The Smart.home overview shows how our switch systems can be combined with each other and with third party providers

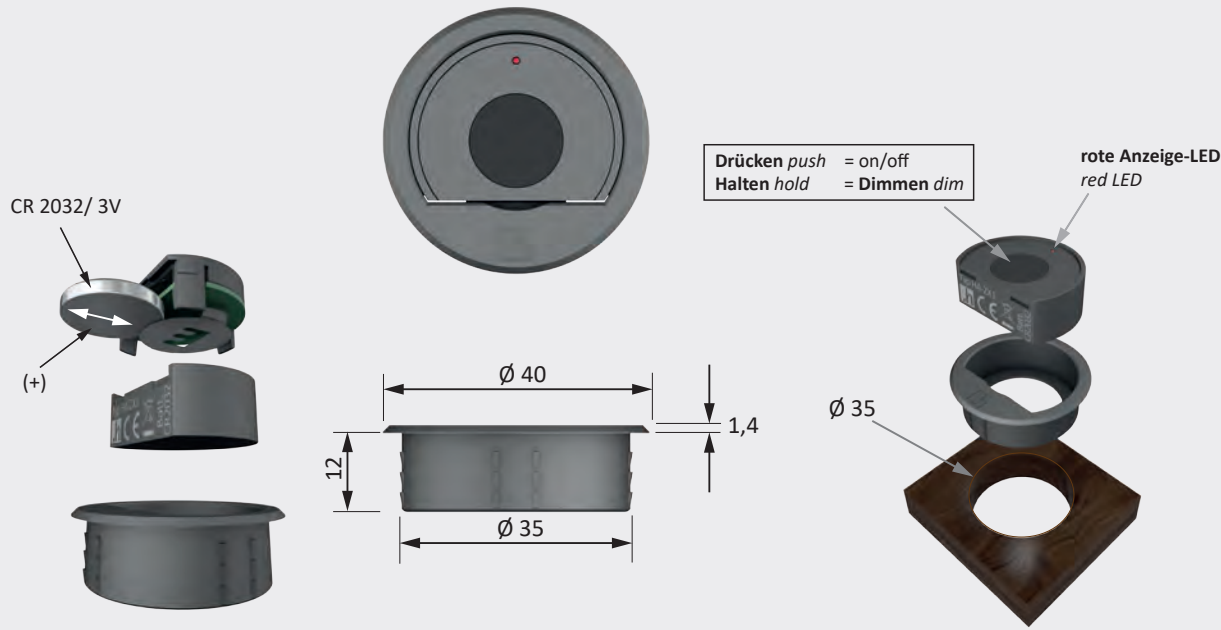### X-Mitter (1-channel wireless switch and dimmer)

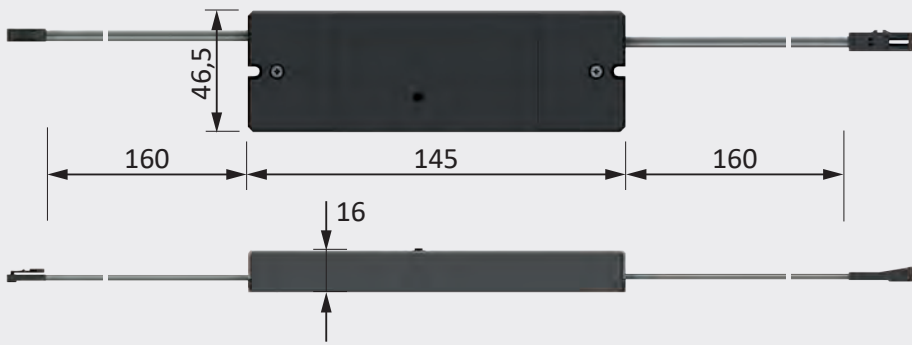|	
X-Mitter Smart Set 230 Volt AC with Euro flat plug	31 110 01
X-Mitter Smart Set 12 Volt DC	31 108 01
X-Mitter Smart Set 24 Volt DC	31 109 01
X-Mitter Smart Remote Control with drilling ring	31 107 01

Accessories*

Smart Receiver 12 Volt DC	31 100 01
Smart Receiver 24 Volt DC	31 102 01
Smart Receiver 230 Volt AC with Euro flat plug	31 104 01
Extension set 12 Volt DC 30 W, receiver and electronic ballast	31 105 01
Extension set 12 Volt DC 60 W, receiver and electronic ballast	31 106 01

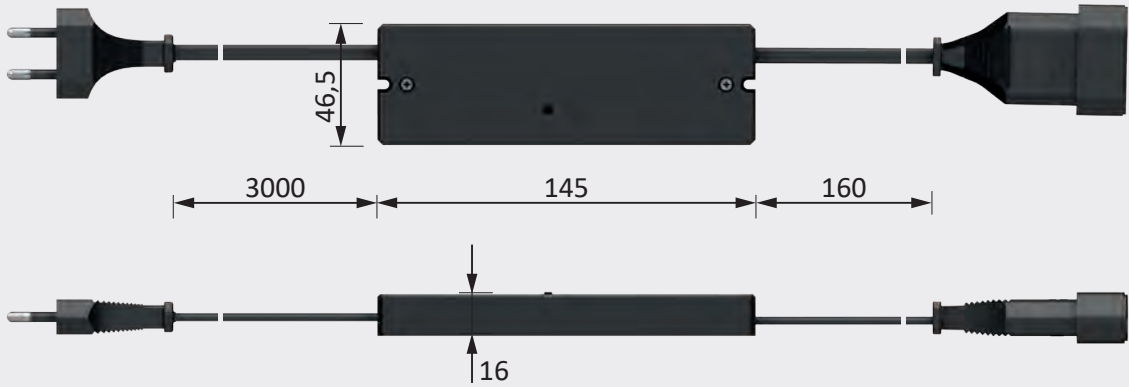* Further accessories in section Switch systems/Ballasts and leads

Technical details

230 V	24 V MP	12 V

Transmitter surface: soft lacquer black
Receiver housing: black
Max. switching power: 12 Volt DC-36 W
24 Volt DC-120 W
230 Volt AC–500 W
Test mark and symbols: CE UK
Line lengths: see drawing
Standby receiver HV: <0.5 W
Standby receiver NV: <0.3 W
Plug connector: LED connector M1/MP2/Euroflat

zigbee

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

Dimensional drawing / installation

CR 2032/ 3V

(+)

Drücken *push* = on/off
Halten *hold* = **Dimmen** *dim*

rote Anzeige-LED *red LED*

Ø 40
Ø 35
12
1,4

Ø 35

31.108.01 / 31.109.01 **Smartempfänger** *smartreceiver* 12VDC / 24VDC

46,5
160   145   160
16

31.110.01 **Smartempfänger** *smartreceiver* 230/240VAC (**keine Dimmfunktion** *no dimming*)

46,5
3000   145   160
16

magic by HALEMEIER

5-channel wireless switch and dimmer

S-Mitter

Advantages
▸ 5-channel wireless switch and dimmer
▸ Comfortable light switching
▸ Can be integrated in a smart home

Features
▸ Memory function in case of power failure
▸ Storage of up to 4 light scenes
▸ Remote control and smart receiver are
  programmed in the set
▸ Set works independently or in the smart home
  network

Order information
▸ Set consists of S-Mitter Smart Remote Control
  and 1 channel Smart Receiver
▸ 230 Volt AC receiver can only on/off
  switch, not dim
▸ The Smart.home overview shows
  how our switch systems can be combined with
  each other and with third party providers

Technical details
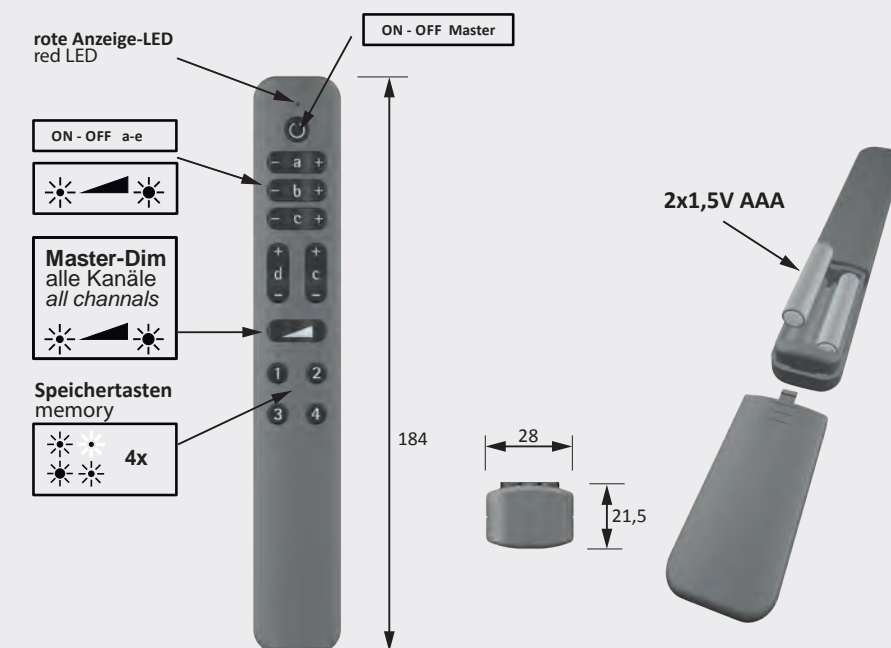
| 230 V | 24 V MP | 12 V |

Transmitter surface: soft lacquer black
Receiver housing: black
Max. switching power: 12 Volt DC-36 W
  24 Volt DC-120 W
  230 Volt AC–500 W
Test mark and symbols: CE
Line lengths: see drawing
Standby receiver HV: <0.5 W
Standby receiver NV: <0.3 W
Plug connector: LED
  Plug connector
  M1/MP2

S-Mitter (5-channel wireless switch and dimmer)

S-Mitter Smart Set 230 Volt AC with Euro flat plug	31 113 01
S-Mitter Smart Set 12 Volt DC	31 111 01
S-Mitter Smart Set 24 Volt DC	31 112 01
S-Mitter Smart Remote Control	31 114 01

Accessories*

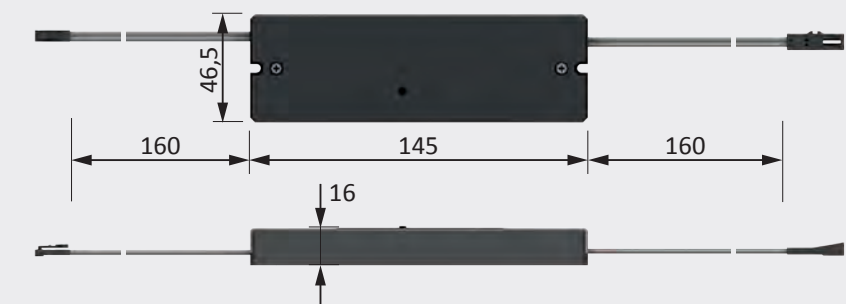|	
Smart Receiver 12 Volt DC	31 100 01
Smart Receiver 24 Volt DC	31 102 01
Smart Receiver 230 Volt AC with Euro flat plug	31 104 01
Smart Receiver 12 Volt DC 4-Channel	31 101 01
Smart Receiver 24 Volt DC 4-Channel	31 103 01
Extension set 12 Volt DC 1 channel receiver and 30W ballast	31 105 01
Extension set 12 Volt DC 1-channel receiver and 60W ballast	31 106 01

zigbee

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
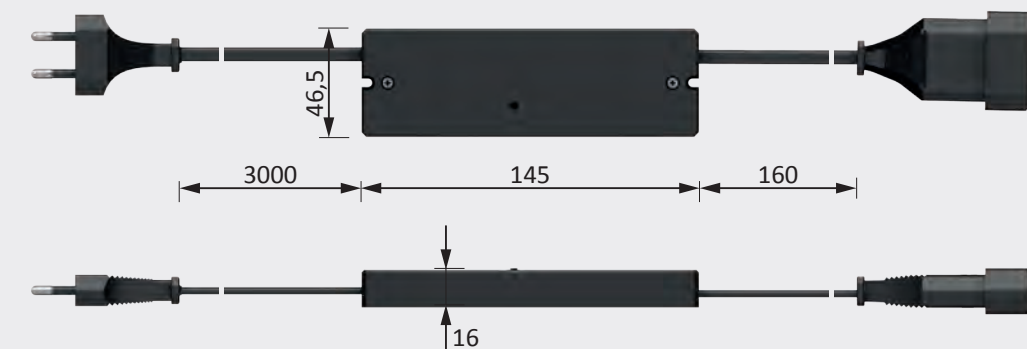• Compatible with Zigbee universal remote controls

* Further accessories in section Switch systems/Ballasts and leads

Dimensional drawing / installation

rote Anzeige-LED red LED
ON - OFF Master
ON - OFF a-e
Master-Dim alle Kanäle all channals
Speichertasten memory
4x
2x1,5V AAA
184
28
21,5

31.111.01 / 31.112.01 Smartempfänger smartreceiver 12VDC / 24VDC

46,5
160
145
160
16

31.113.01 Smartempfänger smartreceiver 230/240VAC (keine Dimmfunktion no dimming)

46,5
3000
145
160
16

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER

4-channel wireless switch and dimmer

4-Mitter

Advantages
▶ 4-channel wireless switch and dimmer
▶ Comfortable light switching
▶ Can be integrated in a smart home

Features
▶ Memory function for power failure
▶ Storage of 2 light scenes
▶ Remote control and smart receiver are in the set programmed in the set
▶ Set works independently or in smart home network

Order information
▶ Set consists of 4-Mitter Smart Remote control and Smart Receiver
▶ The Smart.home overview shows how our switch systems can be combined with each other and with third party providers

4-Mitter (4-channel wireless switch and dimmer)

4-Mitter Smart Radio Switch Set 12 Volt DC	31 115 01
4-Mitter Smart Radio Switch Set 24 Volt DC	31 116 01
4-Mitter Smart Remote Control	31 117 01

Accessories*

Smart Receiver 12 Volt DC 4-Channel	31 101 01
Smart Receiver 24 Volt DC 4-Channel	31 103 01
Wall mount Smart Basic, magnetic	36 257 01

* Further accessories in section Switch systems/Ballasts and leads

Technical details

24 V MP   12 V

Transmitter surface: Soft lacquer black
Receiver housing: Black
Max. switching power: 12 Volt DC-4*36W
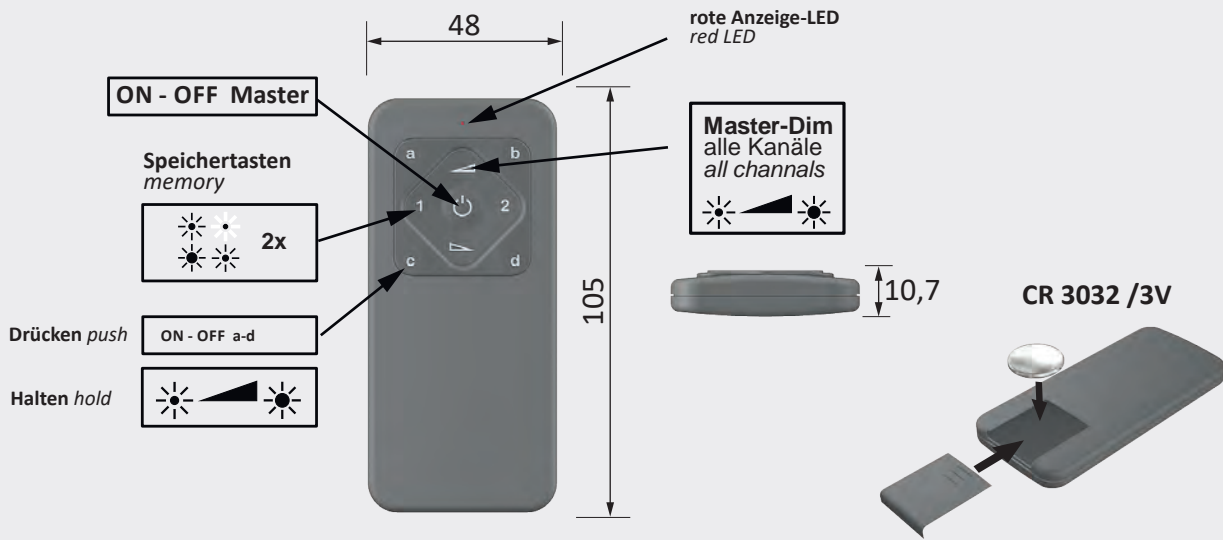   24 Volt DC-4*72W
Test marks and symbols: CE UK ◈ ▽▽
Supply lead: 160 mm
Switching lead: 160 mm
Standby receiver: <0.3 W
Plug connector: LED
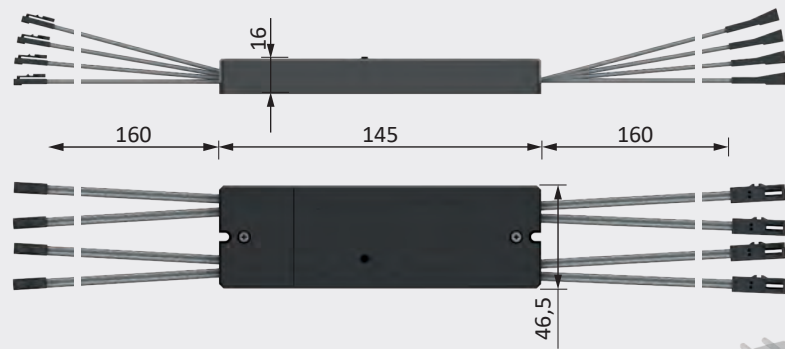   Plug connector
                          M1/MP2

zigbee

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
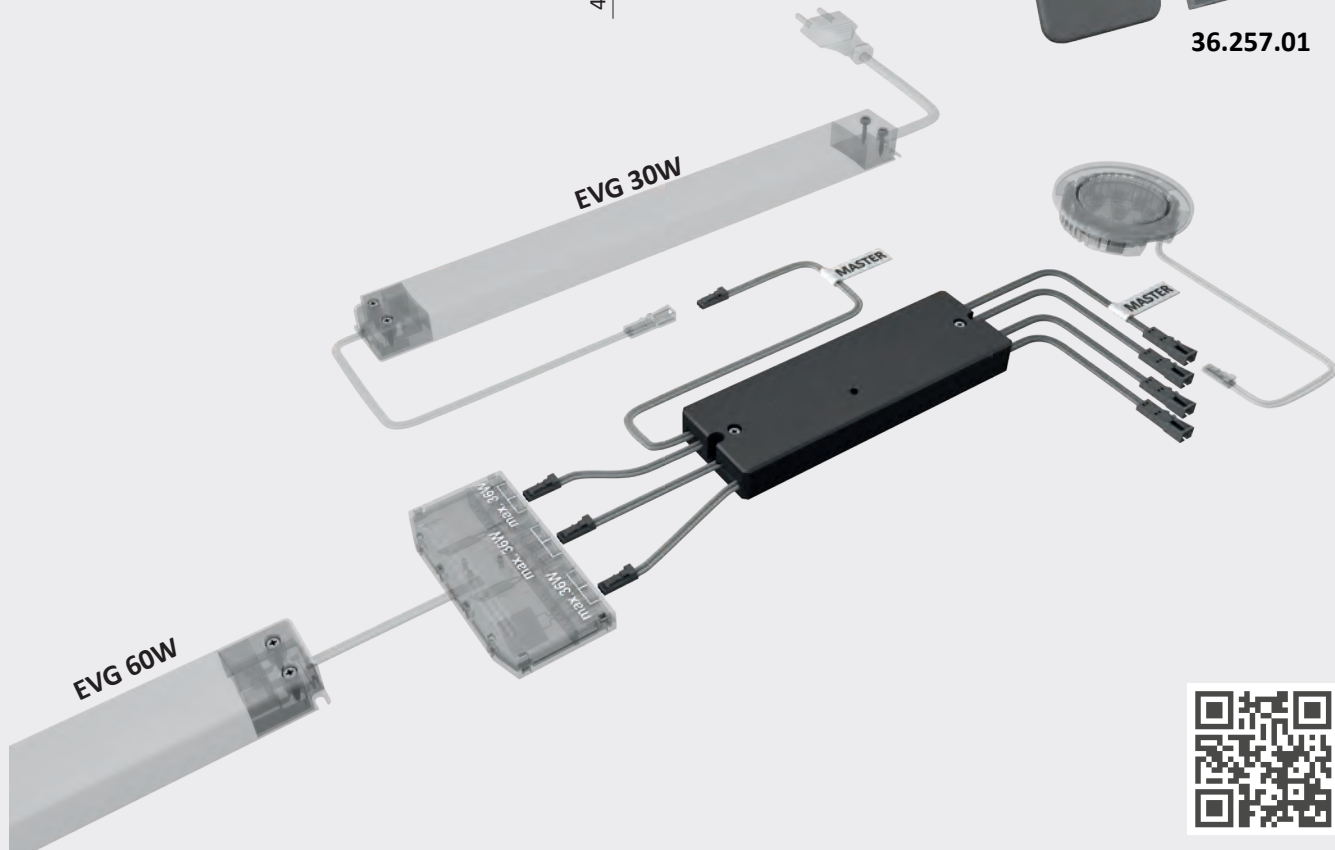
Dimensional drawing / installation

48

ON - OFF Master

Speichertasten *memory*   2x

Drücken *push*   ON - OFF a-d

Halten *hold*

rote Anzeige-LED *red LED*

Master-Dim alle Kanäle *all channals*

105

10,7

CR 3032 /3V

31.101.01 / 31.103.01 **Smartempfänger** *smartreceiver* 12VDC / 24VDC

16

160   145   160

46,5

31.117.01

36.257.01

EVG 30W

EVG 60W

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER

MultiWhite

Always the right light colour

Warm or cool white light? Bright and fresh light for preparing and cooking food. When the dish is ready, the light changes to cosy WarmWhite.

With MultiWhite, light colours and moods can be changed according to requirements – smart wireless solutions make it possible. When you have found your preferred light settings, simply save them so you can call up the same light scenes whenever you want them.

By choosing MultiWhite, you're always on the safe side. If customer wishes or requirements change, you can react completely flexibly with the product.

MultiWhite can also be easily adapted to existing luminaires.

| 6500 K | 4000 K | 3000 K | 2700 K |

From ExtraWarmWhite to CoolWhite – MultiWhite is always the right choice

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
BY HALEMEIER

S-Mitter MultiWhite

Advantages
▶ 4-channel wireless switch and dimmer
▶ Stepless adjustment of the light colour from CoolWhite to ExtraWarmWhite
▶ Can be integrated in a smart home

Features
▶ Memory function for power failure
▶ Storage of up to 4 light scenes
▶ Remote control and smart receiver are in the set programmed in the set
▶ Set works independently or in the smart home network

Order information
▶ Set consists of S-Mitter Smart Remote Control and 1-channel Smart Receiver
▶ Plus Set consists of S-Mitter Smart Remote Control, 1-channel or 4-channel Smart Receiver and a 60 W ballast
▶ The Smart.home overview shows how our switch systems can be combined with each other and with third-party suppliers

Technical details

12 V

For use with:	MultiWhite LED lights
Transmitter surface:	soft lacquer black
Receiver housing:	black
Max. switching power:	12 Volt DC– 36 W/60 W
Test marks and symbols:	CE UK 🔲 ▽▽
Supply lead:	160 mm
Switching lead:	160 mm
Standby receiver:	<0.3 W
Plug connector:	LED mini connector M1

S-Mitter (4-channel wireless switch and dimmer)

S-Mitter MultiWhite Smart Set	31 120 01
S-Mitter MultiWhite Smart Set Plus 1 channel	31 121 01
S-Mitter MultiWhite Smart Set Plus 4 channel	31 121 02
S-Mitter MultiWhite Smart Remote Control	31 122 01

Accessories*

Smart Receiver MultiWhite 1-Channel	31 118 01
Extension set MultiWhite 12 Volt DC-30 W, receiver and electronic ballast	31 131 01
Extension set MultiWhite 12 Volt DC-60 W, receiver and electronic ballast	31 128 01

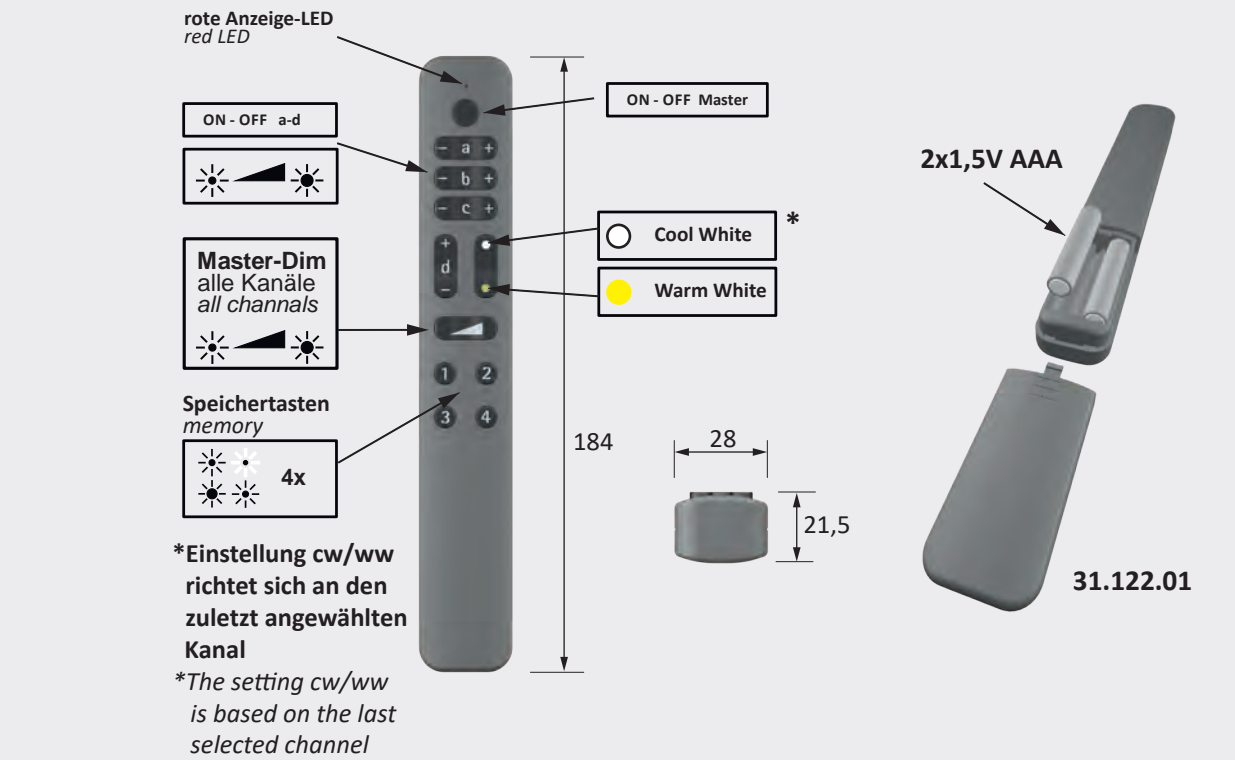* Further accessories in section Switch systems/Ballasts and leads
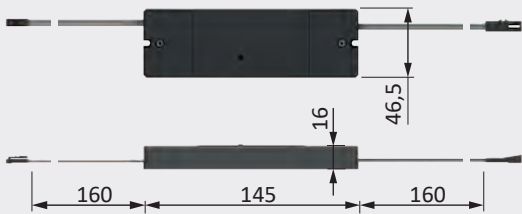
🔵 zigbee

ZigBee controller for the control of MultiWhite lights via 2-wire system

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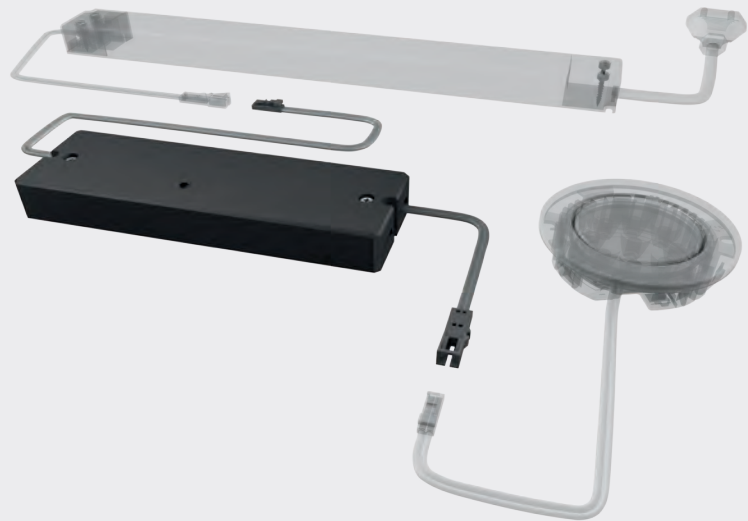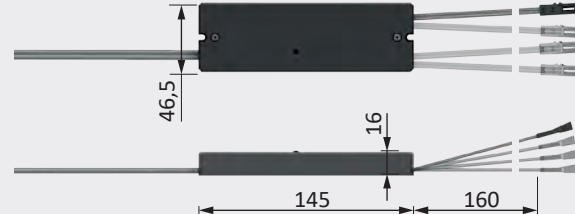• Compatible with Zigbee Gateway universal products

Dimensional drawing / installation

rote Anzeige-LED
red LED

ON - OFF a-d

ON - OFF Master

Master-Dim
alle Kanäle
all channals

Cool White   *

Warm White

Speichertasten
memory

4x

2x1,5V AAA

184

28

21,5

31.122.01

*Einstellung cw/ww richtet sich an den zuletzt angewählten Kanal
*The setting cw/ww is based on the last selected channel

31.120.01 **Smartempfänger** *smartreceiver*

46,5
16
160   145   160

31.121.01 / 31.121.02 **Smartempfänger** *smartreceiver*

46,5
16
145   160

Linear lights | ChannelLine profile | Spotlights | Special lights | Switch systems | Ballasts / leads | Lighting knowledge

S-Mitter Basic MultiWhite

Advantages
▶ 1-channel wireless switch and dimmer
▶ Stepless adjustment of the light colour from CoolWhite to ExtraWarmWhite
▶ Can be integrated in a smart home

Features
▶ Memory function for power failure
▶ Storage of up to 4 light scenes
▶ Remote control and smart receiver are in the set programmed in the set
▶ Set works independently or in the smart home network

Order information
▶ Set consists of S-Mitter Basic Smart Remote Control and Smart Receiver
▶ Plus Set consists of S-Mitter Basic Smart Remote Control, Smart Receiver and a 60 W ballast
▶ The Smart.home overview shows how our switch systems can be combined with each other and with third-party suppliers

S-Mitter Basic (1-channel wireless switch and dimmer)

S-Mitter Basic MultiWhite Smart Set	31 123 01
S-Mitter Basic MultiWhite Smart Set Plus	31 124 01
S-Mitter MultiWhite Basic Smart Remote Control	31 125 01

Accessories*

Smart Receiver MultiWhite 1-Channel	31 118 01
Extension set MultiWhite 12 Volt DC-30 W, receiver and electronic ballast	31 131 01
Extension set MultiWhite 12 Volt DC-60 W, receiver and electronic ballast	31 128 01
Wall mount Smart Basic magnetic	36 257 01

* Further accessories in section Switch systems/Ballasts and leads

Technical details

12 V

For use with: LED lights
Transmitter surface: soft lacquer black
Receiver housing: black
Max. switching power: 12 Volt DC– 36 W/60 W
Test marks and symbols: CE
Supply lead: 160 mm
Switching lead: 160 mm
Standby receiver: <0.3 W
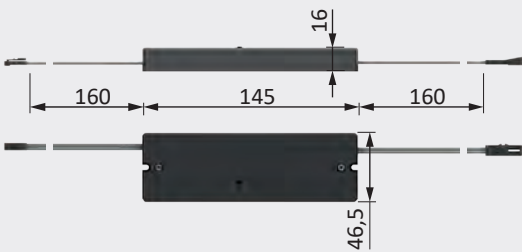Plug connector: LED M1 plug connector

zigbee

ZigBee controller for the control of MultiWhite lights via 2-wire system

• 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
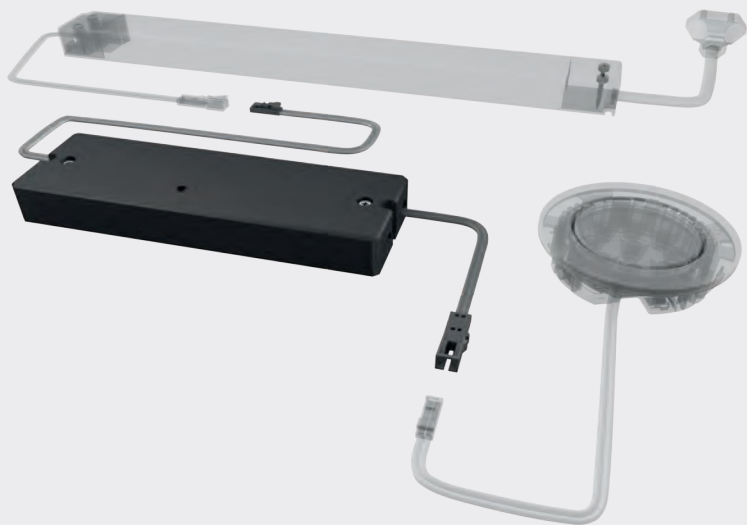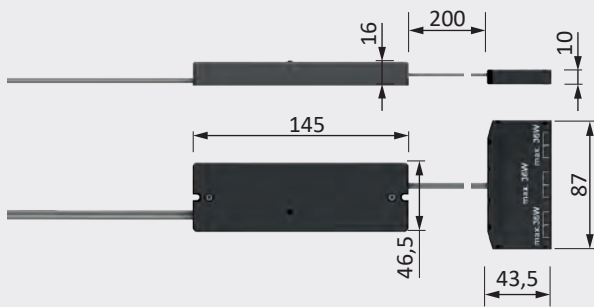• Compatible with CCT Zigbee universal remote controls

Dimensional drawing / installation

48

ON - OFF

warm White

Speichertasten *memory*

4x

rote Anzeige-LED *red LED*

cool White

10,7

105

CR 3032 /3V

31.117.01

36.257.01

31.123.01 Smartempfänger *smartreceiver*

16
160 145 160
46,5

31.124.01 Smartempfänger *smartreceiver*

16 200
10
145
46,5 87
43,5

154

155

Linear lights | Channel/Line profile | Spotlights | Special lights | Switch systems | Ballasts / leads | Lighting knowledge

magic by HALEMEIER

1-channel wireless switch and dimmer

Wall switch Smart

Advantages
▸ 1-channel wireless switch and dimmer
▸ Stepless adjustment of the light colour from
   CoolWhite to ExtraWarmWhite
▸ Can be integrated in a smart home

Features
▸ Fits in mounting frames of leading switch
   manufacturers
▸ Does not require drilling for cavity wall box
▸ Works with smart receivers or in the
   smart home network

Order information
▸ Can be connected with all 1-channel
   Smart Receivers
▸ The Smart.home overview shows how our
   switch systems can be combined with each other
   and with third-party suppliers

Wall transmitter (1-channel wireless switch and dimmer)

Wall transmitter Smart	31 126 01

Accessories*

Smart Receiver MultiWhite 1-Channel	31 118 01
Extension set MultiWhite 12 Volt DC-30 W, receiver and electronic ballast	31 131 01
Extension set MultiWhite 12 Volt DC-60 W, receiver and electronic ballast	31 128 01

Technical details

Surface finish
Wall transmitter: White, matt
Receiver housing: Black
Test marks and symbols: CE UK ⌂ ▽▽
Supply lead: 160 mm
Switching lead: 160 mm
Standby receiver: <0.3 W
Plug connector: LED
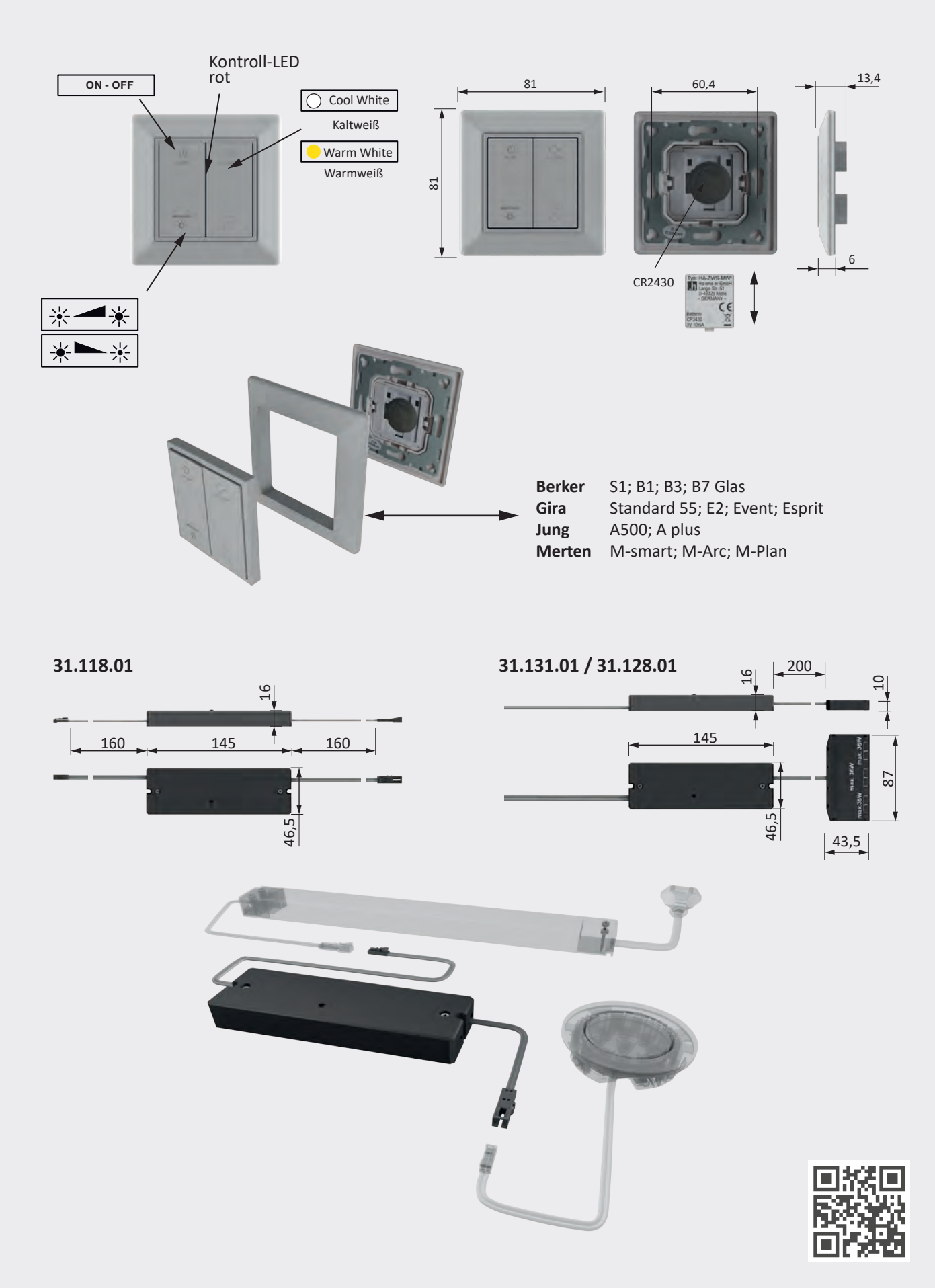   M1 plug connector

zigbee

**ZigBee controller for the control of MultiWhite lights via
2-wire system**

• 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 CCT Zigbee universal remote controls

Dimensional drawing / installation

ON - OFF

Kontroll-LED
rot

◯ Cool White
   Kaltweiß
🟡 Warm White
   Warmweiß

81   60,4   13,4

81

6

CR2430

Berker S1; B1; B3; B7 Glas
Gira   Standard 55; E2; Event; Esprit
Jung   A500; A plus
Merten M-smart; M-Arc; M-Plan

31.118.01

16
160   145   160
46,5

31.131.01 / 31.128.01

16   200
10
145
46,5   87
43,5

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

BasicControl MultiWhite

Advantages
▶ Entrance-level wired MultiWhite control
▶ Light colour change from CoolWhite to ExtraWarmWhite

Features
▶ 3-stage dimming function
▶ With built-in orientation LED
▶ Memory function for power failure

Examples of use
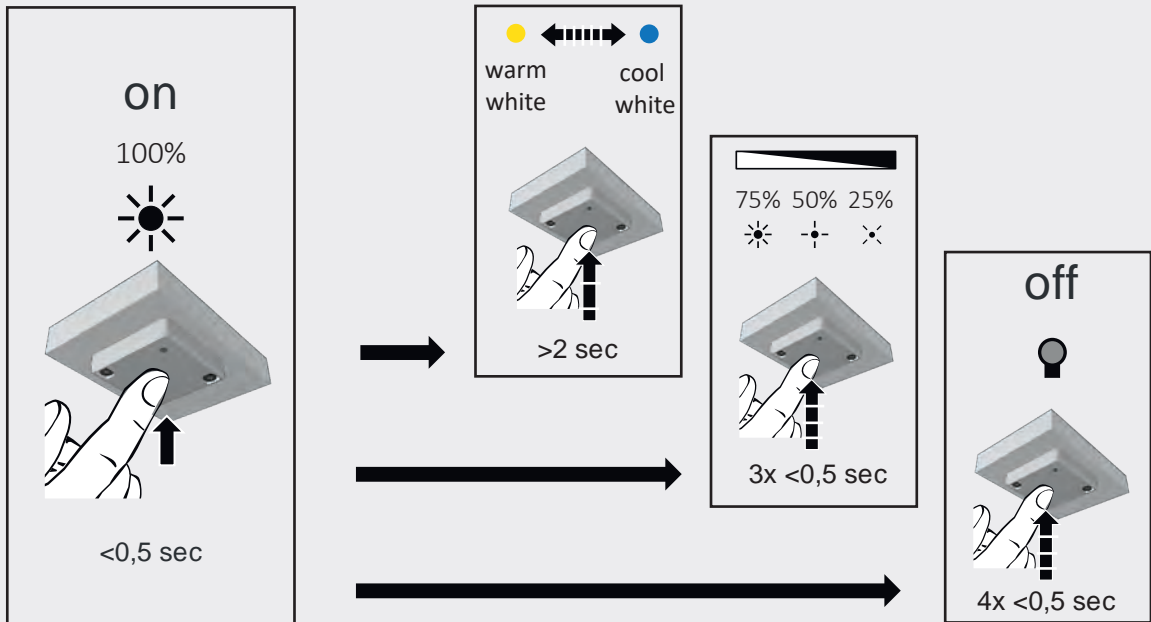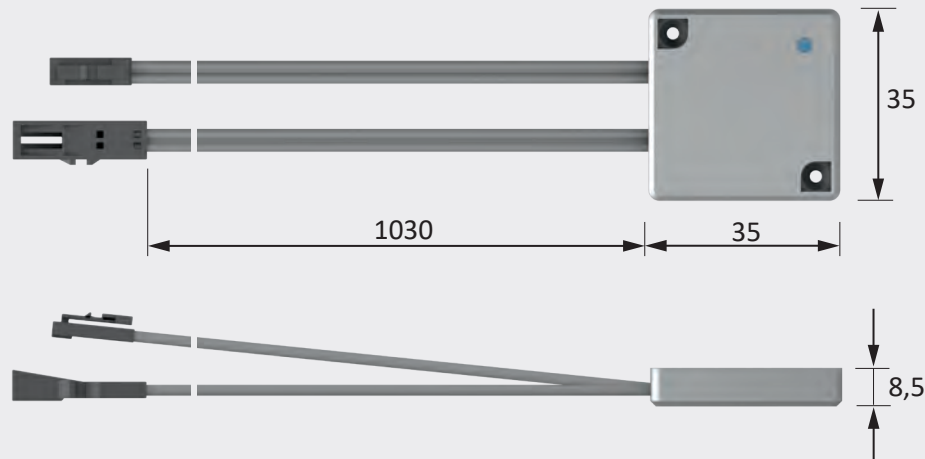▶ Can also be used for one-time fine adjustment of luminaires installed after an on/off switch

BasicControl MultiWhite

BasicControll MultiWhite   30 775 01

Technical details

12 V

For use with:	LED lights
Surface finish:	Black
Max. switching power:	12 Volt DC-36 W
Test marks and symbols:	CE UK ⬦ ⬨⬨
Supply lead:	1800 mm
Switching lead:	1800 mm to the LED luminaire
Standby:	<0.5 W
Plug connector:	LED mini Plug connector M1

Dimensional drawing / installation

1030   35   35   8,5

on 100% <0,5 sec

warm white / cool white >2 sec

75% 50% 25% 3x <0,5 sec

off 4x <0,5 sec

Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

230 V

24 V
MP

12 V

MultiSwitch²

Simple. Automatic. Switching.

We have further developed our proven MultiSwitch and equipped it with various additional highlights. Now with 4 sensors to monitor 4 doors.

The overall smaller plug-in system is space-saving and the intelligent sensor system prevents faulty switching.

In addition, the sensors are now also available in the trendy colour black.

MultiSwitch sensors

Infrared sensor for drill-hole mounting (IR door contact switch, optionally in aluminium look or in black colour)

Screw-on motion sensor (PIR sensor, optionally in aluminium look or in black colour)

Magnetic sensor for insertion in pot holes (magnetic sensor, optionally also as drill-in sensor)

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
by HALEMEIER

12V

36.830.01 VL

30.150.01 / 05

30.151.01 / 05

Max. 4x 30.150.01 / 30.150.05

3000
Ø10
0,7
0-60mm
Ø12
Ø6
60
Ø10
min. 60mm
Ø6

Max. 4x 31.151.01 / 31.151.05

3000
12,5
45
20
C = Contact
5-50mm
S= Sensor
Ø6

MultiSwitch² Contact

Advantages
▸ Infrared sensor for drill-hole or surface mounting
▸ Connection of 1 up to 4 identical sensors to a
  Master unit

Features
▸ Soft ON/OFF function (soft-start when power
  Switching on/off only with 12/24 Volt DC)
▸ Memory function for power failure
▸ Not compatible with dimmers

▸ The sensor has two settings -
  switch and door contact

Examples of use
▸ Door contact switch
▸ Non-contact sensor switch (infrared sensor)
  for screwing on)

Order information
▸ For other sensors, see other pages

| 230 V | 24 V MP | 12 V |

For use with: LED lights
Max. switching power: 12 Volt DC–36 W
24 Volt DC–120 W
230 V AC
–max. 500 W
Test marks and symbols: CE
Switching distance: see drawing
Sensor lead: 3000 mm
Master unit
Supply lead: HV 3000 mm
LV 2000 mm
Switching lead: HV 150 mm
LV 300 mm
Standby: <0.5 W
Plug connector: LED connector
M1/MP2/
Euroflat

MultiSwitch IR (infrared sensor)

Infrared sensor for drilling in (IR door contact switch, aluminium look)	30 150 01
Infrared sensor for drilling in (IR door contact switch, black)	30 150 05
Infrared sensor for screwing on (IR sensor or door contact switch, aluminium look)	30 151 01
Screw-on infrared sensor (IR sensor or door contact switch, black)	30 151 05
Master unit 230 Volt AC–500 W with Euro flat plug	30 141 01
Master unit 12 Volt D–36 W*	30 142 01
Master unit MultiWhite 12 Volt DC–36 W**	30 144 01
Master unit 24 Volt DC–120 W*	30 143 01

Accessories

Repeater 12 Volt DC	30 263 07
Repeater 24 Volt DC	30 263 08
Extension lead sensor cable 3000 mm***	36 830 01

* Only for use with dimmable LED luminaires
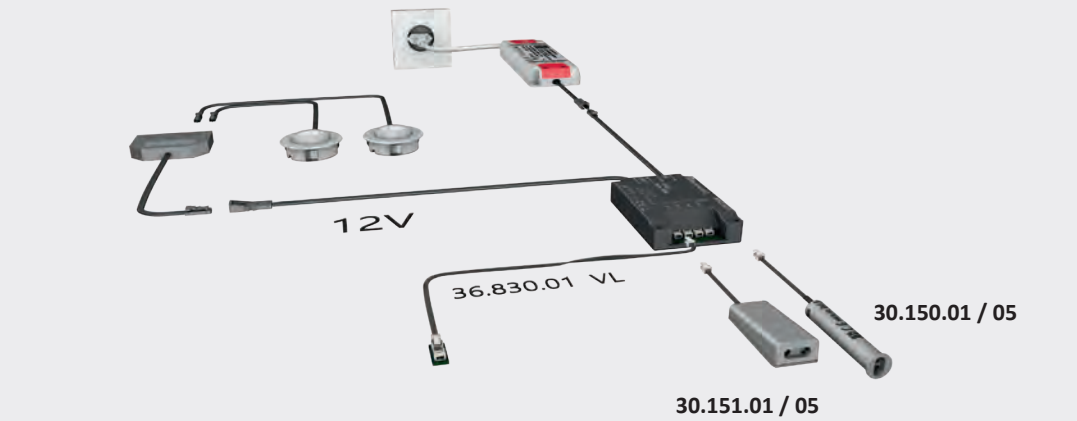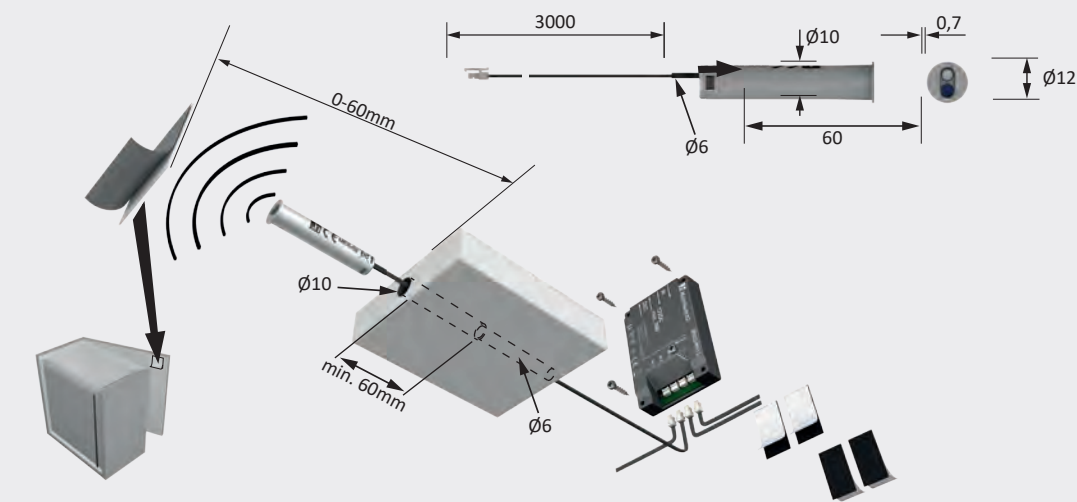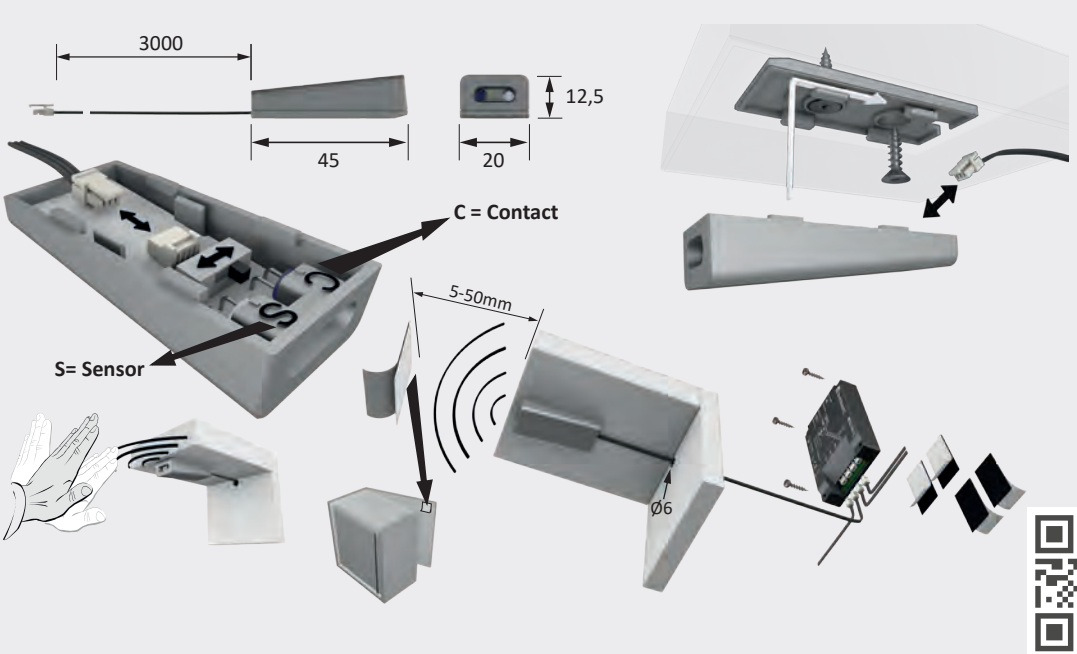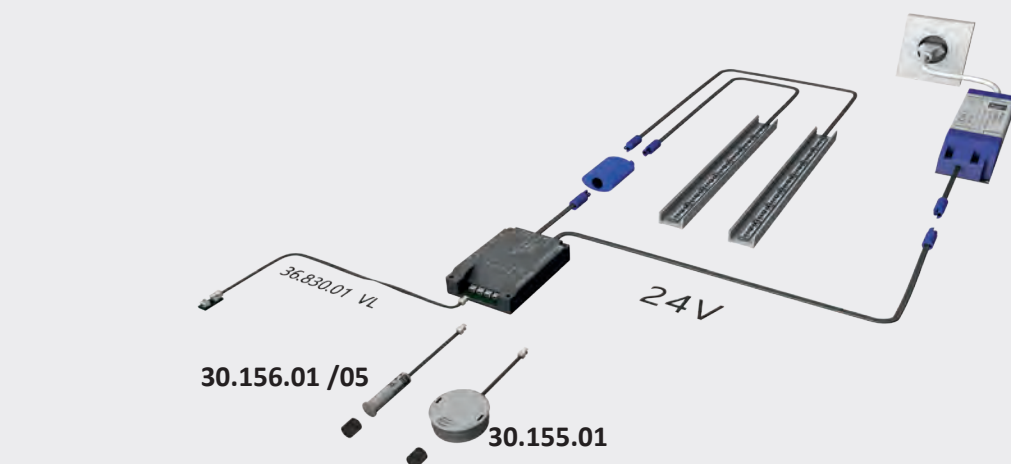** Can be used behind MultiWhite controls
*** Maximum one per sensor

magic
by HALEMEIER

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

MultiSwitch² Magnet

Advantages
▸ Sensor for drilling, for insertion
▸ Invisible installation possible
▸ Connection of 1 up to 4 identical sensors to a Master unit

Features
▸ Soft ON/OFF function (soft-start when power Switching on/off only with 12/24 Volt DC)
▸ Memory function for power failure
▸ Proximity switch with reed principle
▸ Penetrates up to 15 mm material

Examples of use
▸ Door contact switch
▸ Can be used behind edges

Order information
▸ Magnet included in delivery
▸ Further sensors see other pages

MultiSwitch magnet (infrared sensor)

Magnetic sensor for drilling in, aluminium look	30 156 01
Magnetic sensor for drilling in, black	30 156 05
Sensor for insertion in pot holes	30 155 01
Master unit 230 Volt AC-500 W with Euro flat plug	30 141 01
Master unit 12 Volt DC-36 W*	30 142 01
Master unit MultiWhite 12 Volt DC-36 W**	30 144 01
Master unit 24 Volt DC-120 W*	30 143 01

Accessories

Repeater 12 Volt DC	30 263 07
Repeater 24 Volt DC	30 263 08
Extension lead sensor cable 3000 mm***	36 830 01

* Only for use with dimmable LED luminaires
** Can be used behind MultiWhite controls
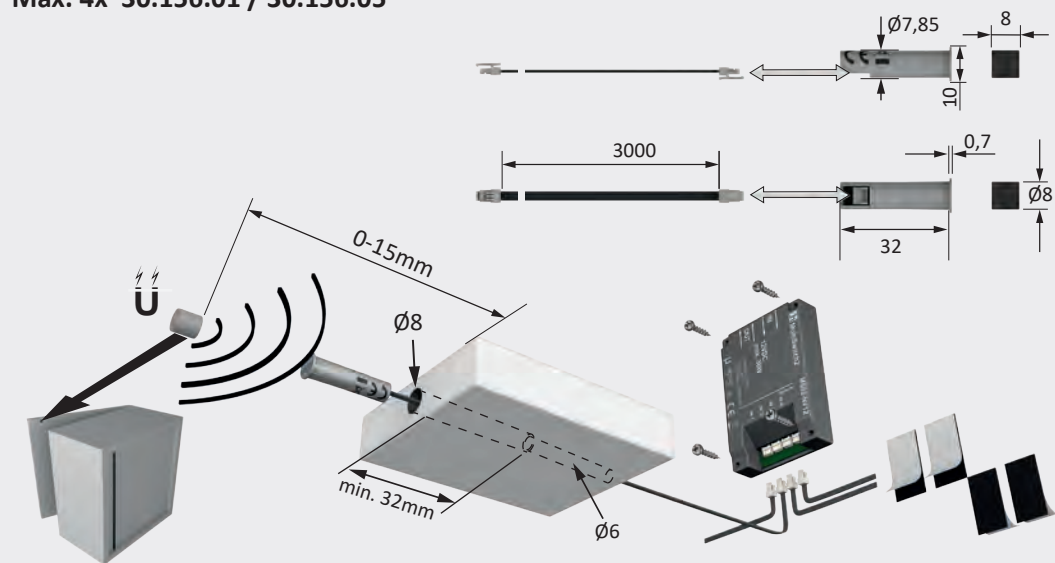*** Maximum one per sensor

Technical details

230 V	24 V MP	12 V

For use with:	LED lights
Max. switching power:	12 Volt DC-36 W
	24 Volt DC-120 W
	230 V AC – 500 W
Test marks and symbols:	CE ⌂
Switching distance:	see drawing
Sensor lead:	3000 mm
Master unit	
Supply lead:	HV 3000 mm
	LV 2000 mm
Switching lead:	HV 150 mm
	LV 300 mm
Standby:	<0.5 W
	Master unit
	sensors included

Dimensional drawing / installation

30.156.01 /05

30.155.01

Max. 4x 30.156.01 / 30.156.05

Max. 4x 31.155.01

Linear lights | ChannelLine profile | Spotlights | Special lights | Switch systems | Ballasts / leads | Lighting knowledge

Dimensional drawing / installation

36.830.01 VL

30.152.01 /05

Max. 4x 30.152.01 / 30.152.05

3000
45
20
15
60°
ca. 2m
120°

Ø6
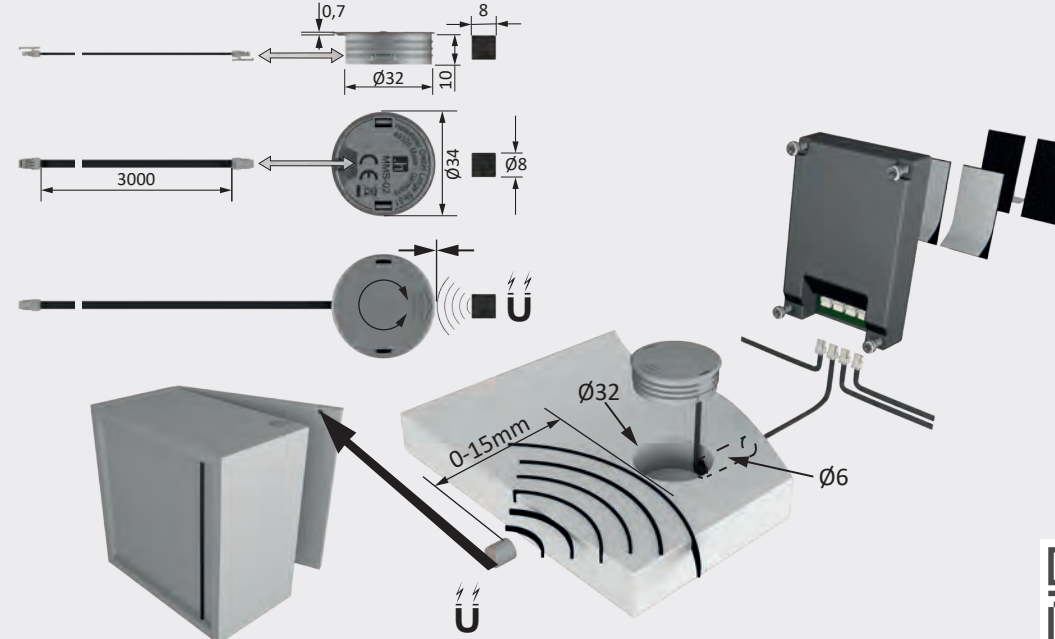
MultiSwitch² PIR

Advantages
‣ Motion sensor for surface mounting
‣ Responds to heat and movement
‣ Connection of 1 up to 4 identical sensors to a Master unit

Features
‣ Soft ON/OFF function (soft-start when power Switching on/off only with 12/24 Volt DC)
‣ Memory function for power failure
‣ Not compatible with dimmers

Examples of use
‣ Ideal for walk-in wardrobes without fronts
‣ Problem-solver for furniture where no magnetic or IR sensor can be used

Order information
‣ For further sensors see other pages

Technical details

| 230 V | 24 V MP | 12 V |

For use with:	LED lights
Max. switching power:	12 Volt DC–36 W
	24 Volt DC–120 W
	230 V AC – max. 500 W
Test marks and symbols:	CE ⯑ ⯑
Motion sensor	
Sensing angle:	120°
Range:	2 m
Stay-'ON' time:	30 seconds
Sensor lead:	3000 mm
Master unit	
Supply lead:	HV 3000 mm
	LV 2000 mm
Switching lead:	HV 150 mm
	LV 300 mm
Standby:	<0.5 W – Master unit
	sensors included

MultiSwitch PIR (motion sensor)

PIR sensor for surface mounting (motion sensor)	30 152 01
Screw-on PIR sensor (motion sensor, black)	30 152 05
Master unit 230 Volt AC–500 W with Euro flat plug	30 141 01
Master unit 12 Volt DC–36 W*	30 142 01
Master unit MultiWhite 12 Volt DC–36 W**	30 144 01
Master unit 24 Volt DC–20 W*	30 143 01

Accessories

Repeater 12 Volt DC	30 263 07
Repeater 24 Volt DC	30 263 08
Extension lead sensor cable 3000 mm***	36 830 01

* Only for use with dimmable LED luminaires
** Can be used behind MultiWhite controls
*** Maximum one per sensor

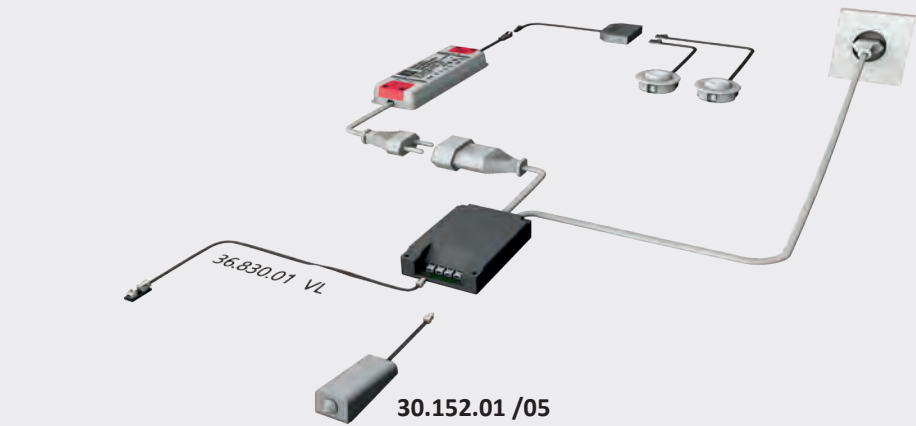Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

magic by HALEMEIER

MultiSwitch² push button

Advantages
▶ Push button with dimming function for drill-hole mounting
▶ Connection of 1 up to 4 identical sensors to a Master unit

Features
▶ Soft ON/OFF function (soft-start when power Switching on/off only with 12/24 Volt DC)
▶ Memory function for power failure
▶ Dimming function can be switched off

Examples of use
▶ As push button with and without dimming function
▶ As on/off switch as well as toggle switch

Order information
▶ For further sensors see other pages
▶ No dimming function with 230 V and MultiWhite

MultiSwitch push button

Push button for drill-hole mounting	30 153 01
Master unit 230 Volt AC-500 W with Euro flat plug	30 141 01
Master unit 12 Volt DC-36 W*	30 142 01
Master unit MultiWhite 12 Volt DC-36 W**	30 144 01
Master unit 24 Volt DC-120 W*	30 143 01

Accessories

Repeater 12 Volt DC	30 263 07
Repeater 24 Volt DC	30 263 08
Extension lead sensor cable 3000 mm***	36 830 01

* Only for use with dimmable LED luminaires
** Can be used behind MultiWhite controls
*** Maximum one per sensor

Technical details

230 V	24 V MP	12 V

For use with:	LED lights
Max. switching power:	12 Volt DC-36 W
	24 Volt DC-120 W
	230 Volt AC-500 W
Test marks and symbols:	CE UK
Sensor lead:	3000 mm
Master unit	
Supply lead:	HV 3000 mm
	LV 2000 mm
Switching lead:	HV 150 mm
	LV 300 mm
Standby:	<0.5 W
	Master unit
	sensors included

Dimensional drawing / installation

30.153.01

Max. 4x 30.153.01

on - off

≤ 1sec

magic by HALEMEIER

MultiSwitch² Touch

Advantages
▸ Sensor with dimming function for mounting or screwing
▸ Connection of 1 up to 4 identical sensors to a Master unit
▸ With built-in orientation LED

Features
▸ Soft ON/OFF function (soft-start when power Switching on/off only with 12/24 Volt DC)
▸ Memory function for power failure
▸ Dimming function can be switched off

Examples of use
▸ As touch button with dimming function
▸ As on/off switch as well as toggle switch

Order information
▸ For other sensors, see other pages
▸ As individual switch (see LED Touch)
▸ No dimming function with 230 V and MultiWhite

Technical details

| 230 V | 24 V MP | 12 V |

For use with:	LED lights
Max. switching power:	12 Volt DC-36 W
	24 Volt DC-120 W
	230 V AC - 500 W
Test marks and symbols:	CE UKCA VDE
Sensor lead:	3000 mm
Master unit	
Supply lead:	HV 3000 mm
	LV 2000 mm
Switching lead:	HV 150 mm
	LV 300 mm
Standby:	<0.5 W
	Master unit
	sensors included

MultiSwitch Touch (sensor switch)

Sensor for installation including mounting housing	30 154 01
Master unit 230 Volt AC-500 W with Euro flat plug	30 141 01
Master unit 12 Volt DC-36 W*	30 142 01
Master unit MultiWhite 12 Volt DC-36 W**	30 144 01
Master unit 24 Volt DC-72 W*	30 143 01

Accessories

Repeater 12 Volt DC	30 263 07
Repeater 24 Volt DC	30 263 08
Extension lead sensor cable 3000 mm***	36 830 01

* Only for use with dimmable LED luminaires
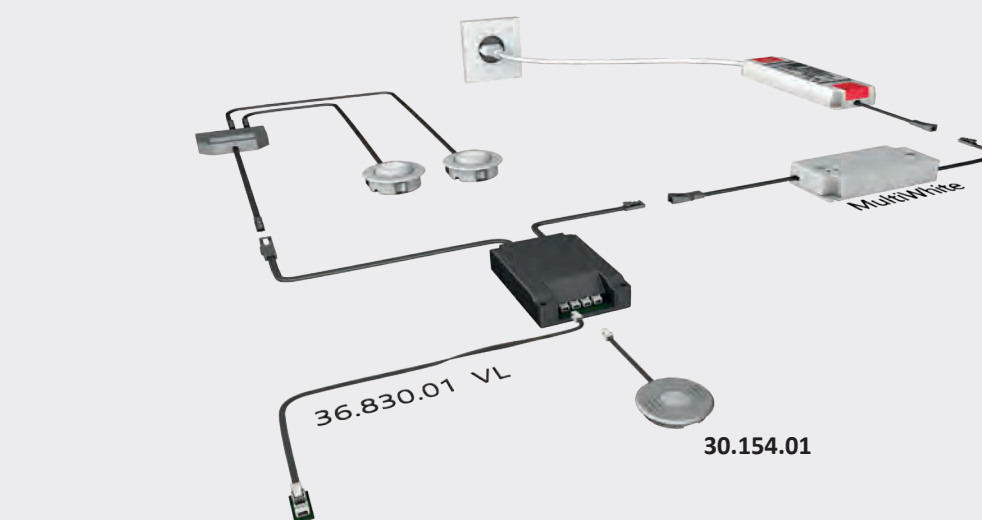** Can be used behind MultiWhite controls
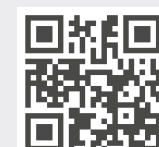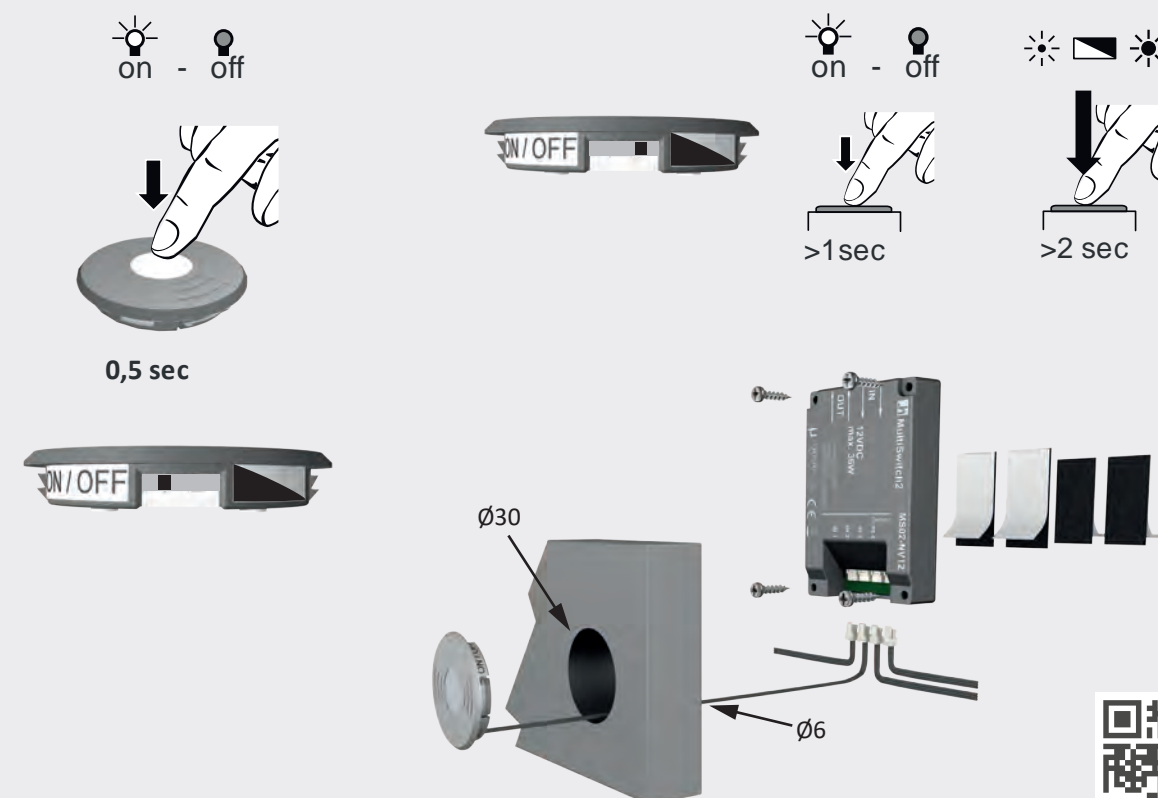*** Maximum one per sensor

Dimensional drawing / installation
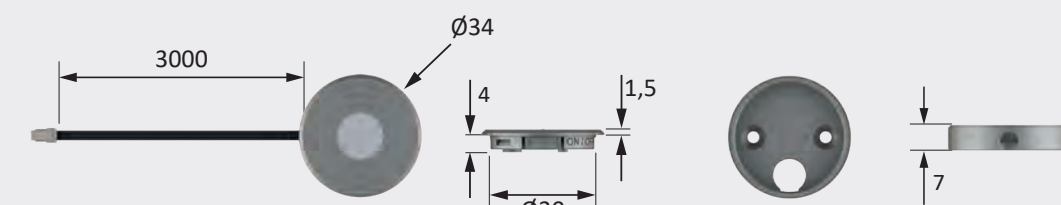

36.830.01 VL

30.154.01

Max. 4x 30.154.01

3000   Ø34   4   1,5   Ø30   7

on - off   on - off

>1 sec   >2 sec

0,5 sec

Ø30   Ø6

magic by HALEMEIER

Repeater

Advantages
▸ Inexpensive control of large outputs
▸ Easy to install
▸ Can be combined with many different remotes and dimmers

Features
▸ Any number of repeaters can be connected in parallel in order to achieve the desired overall performance . Each repeater requires a control signal from the dimmer/switch and sufficient ballast power to control the connected luminaires

Order information

▸ Works with all Halemeier PWM dimmers
▸ Works with MultiSwitch²
▸ Not combinable with dimmable electronic ballast
▸ Not combinable with Smart.home

Accessories*

Repeater 12 Volt DC	30 263 07
Repeater 24 Volt DC	30 263 08

* Further accessories in section Switch systems/Ballasts and leads

Technical details

24 V MP   12 V

For use with:	LED lights
Max. switching power:	12 Volt DC–36 W
	24 Volt DC–72 W
Test mark and symbols:	CE UK ◇
Line lengths:	see drawing

Dimensional drawing / installation

30.263.07

Eingang synchro
12V DC
49
600
13
250   124   150

30.263.08

Eingang synchro
24V DC
49
600
13
250   124   150

MultiSwitch

Repeater

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic by HALEMEIER

Dimensional drawing / installation

0,7 8
Ø32 10
1800
1800
Ø34 Ø8
Ü
0 - 15mm

0-15mm
Ø8
Ü
Ø10
Ø32
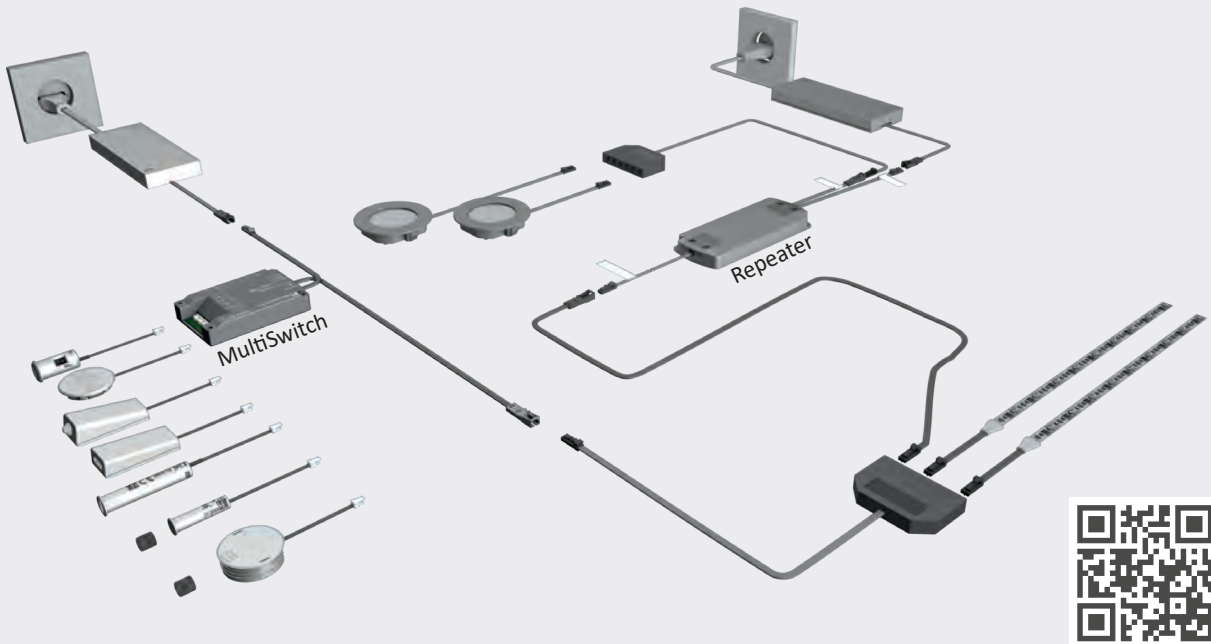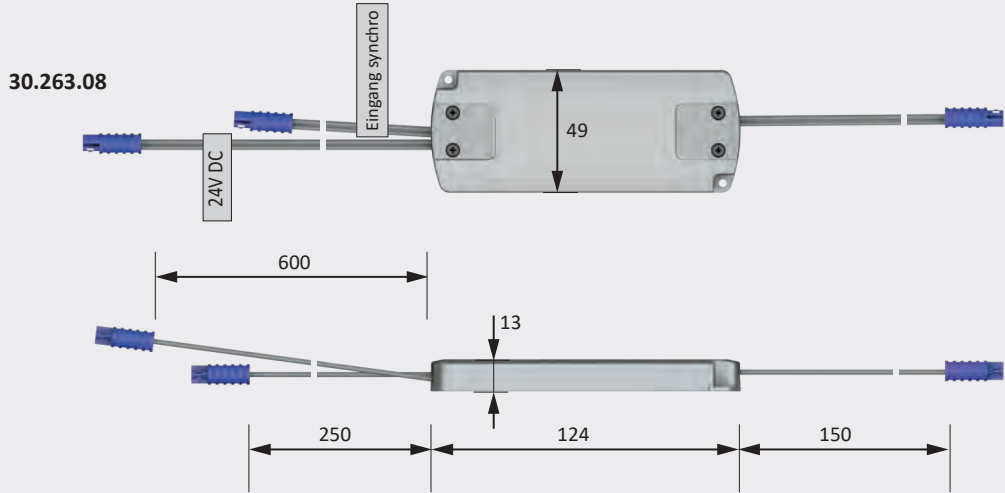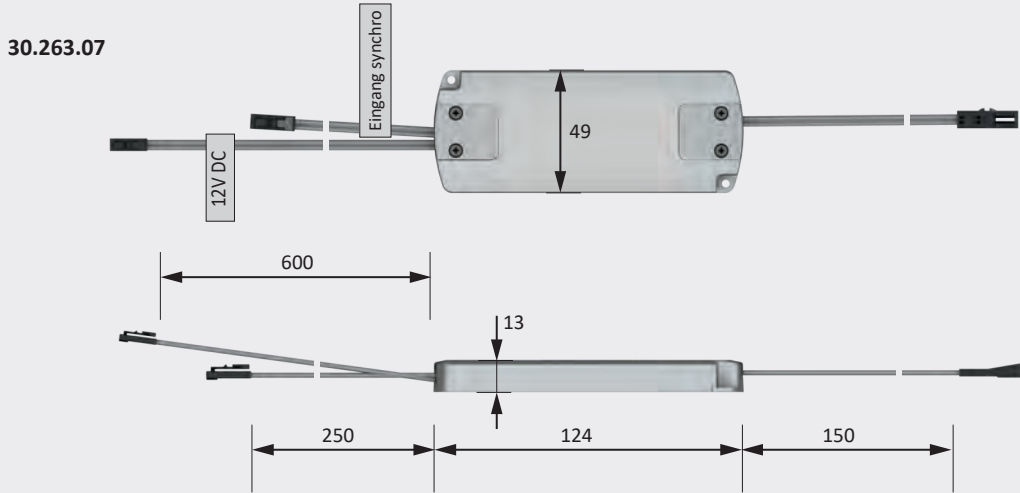
Magnet insert switch

Advantages
▶ Sensor for insertion
▶ Invisible installation possible
▶ Penetrates up to 15 mm material

Features
▶ Soft ON/OFF function (soft-start when power Switch on/off)
▶ Memory function for power failure
▶ Proximity switch with reed principle
▶ Fits in cup hole

Examples of use
▶ Door contact switch
▶ Can be used behind edges

Order information
▶ Magnet included in delivery

Magnet insert switch

Magnet insert switch	30 157 01

Accessories*

Repeater 12 Volt DC	30 263 07

Technical details

12 V

For use with:	LED lights
Max. switching power:	12 Volt DC-36 W
Test marks and symbols:	CE UKS ◇ ▽▽
Switching distance:	0 - 15 mm
Supply lead:	1800 mm
Switching lead:	1800 mm
Standby:	<0.04 W

* Further accessories in section Switch systems/Ballasts and leads

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge
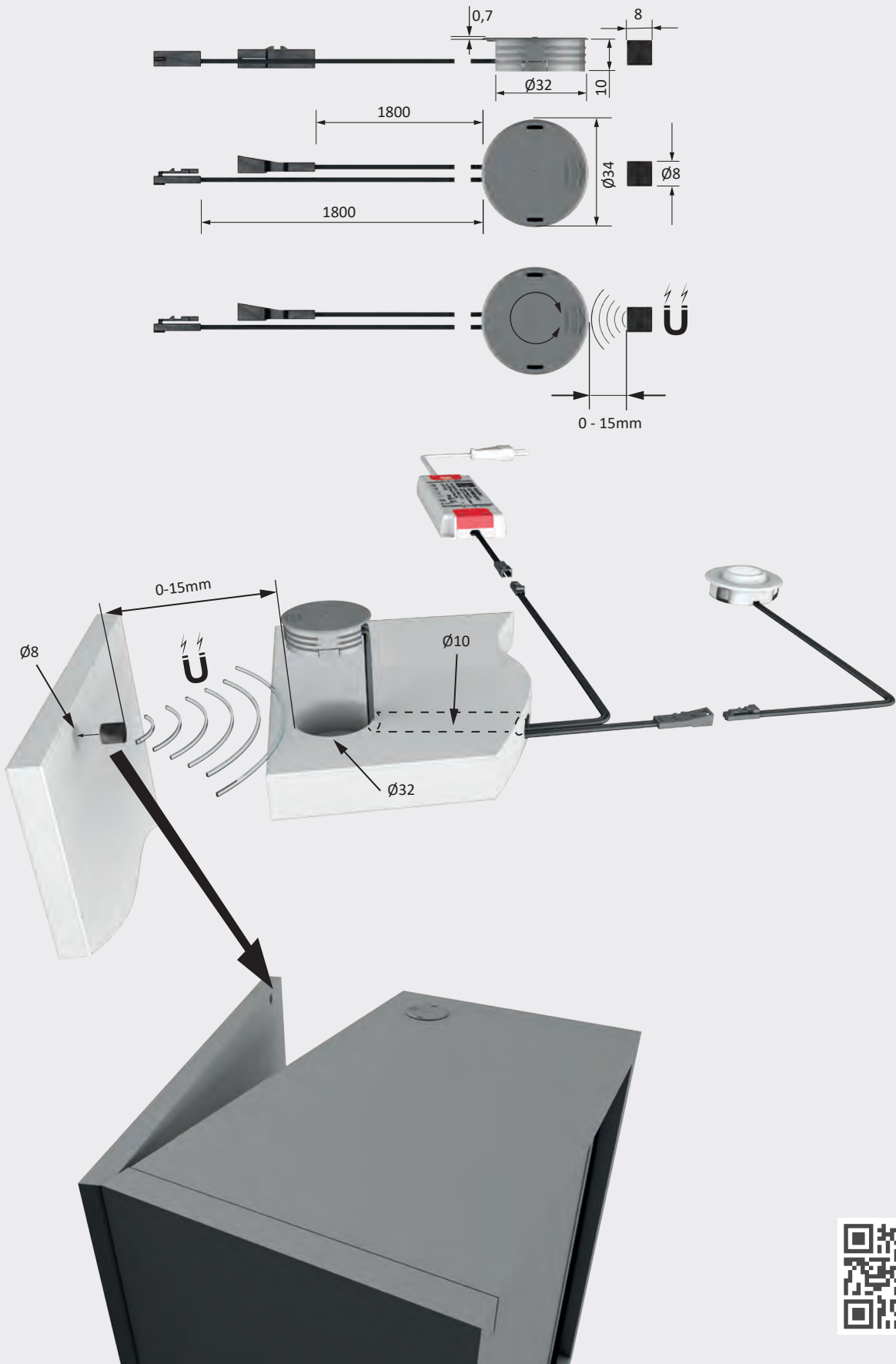
magic
by HALEMEIER

MagicSwitch

Advantages
▸ Invisible switch for diverse Applications

Features
▸ Mounted on the back of the panel or incorporated in a 35 mm blind hole, the MagicSwitch detects the surface contact on the front of the plate and switches

▸ The MagicSwitch only works in conjunction with non-metallic surfaces and materials such as wood, glass, ceramics up to a material thickness of 19 mm

Examples of use
▸ Switching of ballasts and furniture lighting

MagicSwitch	
MagicSwitch 230 V	30 954 02

Accessories	
2-way distributor for flat Euro plug	36 326 01
Extension lead for sensor - 2.5 mm jack - 2000 mm	18 238 03

230 V

For use with:	Fluorescent lamps, LED lights, halogen lights
Surface finish:	Black
Max. switching power:	230 Volt AC-250 W
Test marks and symbols:	CE ⯑ ⯑ ⯑ ⯑
Sensor lead:	1700 mm
Supply lead:	1900 mm
Switching lead:	120 mm
Standby:	<0.5 W

Dimensional drawing / installation

MagicSwitch Linear

Advantages
▸ Invisible switch for a wide range of applications

Features
▸ Mounted on the back of the plate, the MagicSwitch detects the surface contact on the front of the plate and switches
▸ The MagicSwitch only works in conjunction with non-metallic surfaces and materials such as wood, glass, ceramics up to a material thickness of 25 mm

Examples of use
▸ Switching furniture lights on and off

Order information
▸ For more than 36 W controlled light output, a repeater can be used for synchronization
▸ 6-way distributor is included in the scope of delivery

MagicSwitch Linear	
MagicSwitch Linear	30 789 02

Accessories	
Repeater 12 Volt DC*	30 263 07

* A repeater enables the control of a lighting circuit of more than 36 W at 12 volts DC.

12 V

For use with:	LED lights
Surface finish:	Black
Max. switching power:	12 Volt DC-36 W
Test marks and symbols:	CE ⯑ ⯑ ⯑
Supply lead:	1800 m
Switching lead:	1800 mm to light
Standby:	<0.02 W
Plug connector IN:	LED mini M1 plug connector
Plug connector OUT:	M1

Dimensional drawing / installation

magic
by HALEMEIER
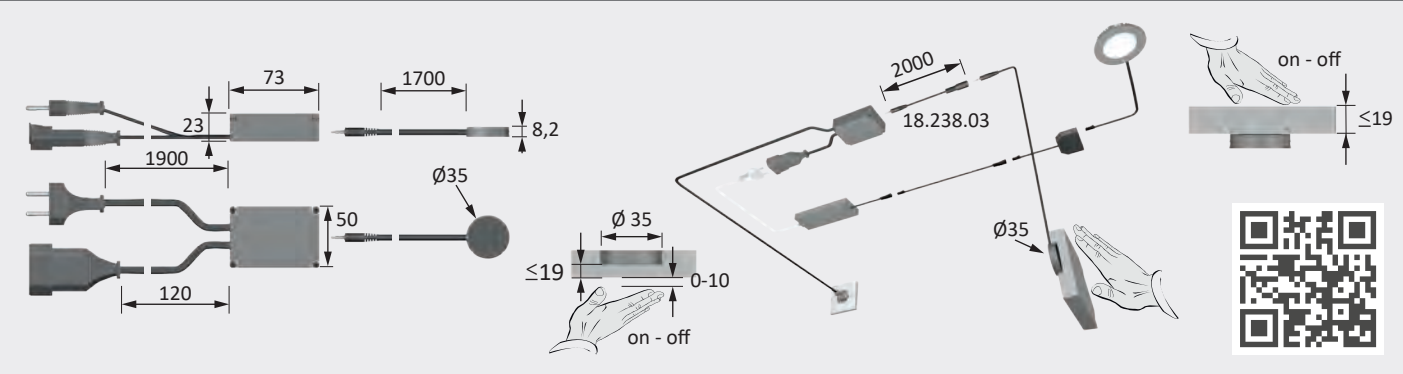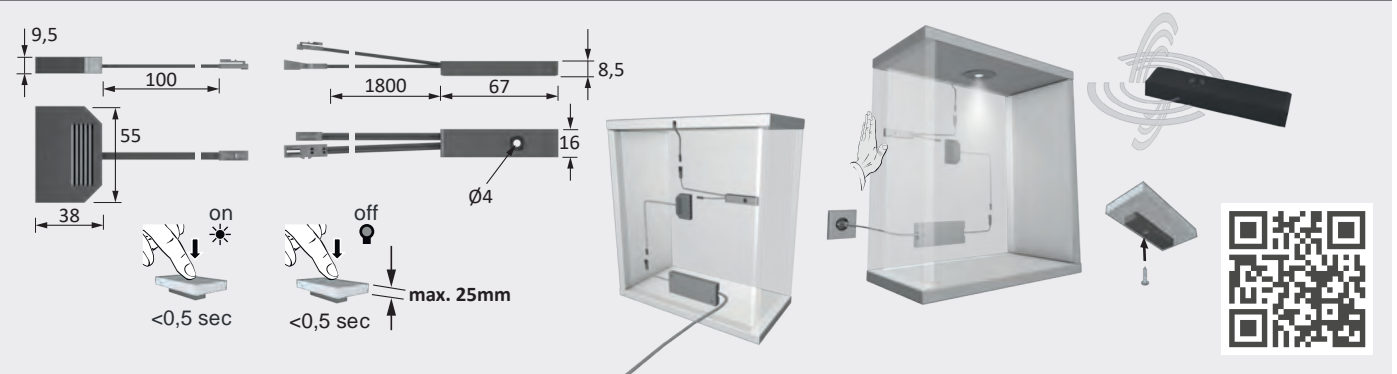
IR Door Switch

Advantages
▸ Particularly small infrared sensor for drilling into place
▸ Entry-level price

Features
▸ Only 8 mm drill hole required

Examples of use
▸ Door contact switch

12 V

IR Door Switch	
IR Door Switch	31 033 01

Accessories	
Repeater 12 Volt DC*	30 263 07

For use with:	LED lights
Surface finish:	Aluminium look
Max. switching power:	12 Volt DC-36 W
Test marks and symbols:	CE UKCA ⬦ ⊽⊽
Switching distance:	see drawing
Sensor lead:	1000 mm
Supply lead:	1000 mm
Switching lead:	1000 mm
Standby:	<0.1 W

* A repeater enables the control of a lighting circuit of more than 36 W at 12 volts DC.

Dimensional drawing / installation

65   9   Ø8   Ø10,5
1000   13   1000
1000   12   Ø8   2-50
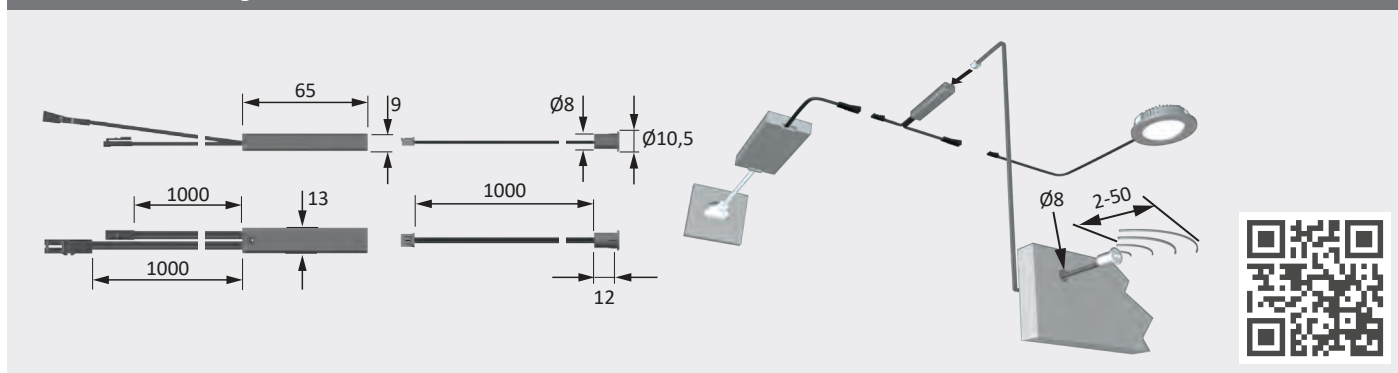
LED Dimmer

Advantages
▸ LED dimmer
▸ Robust metal switch button

Features
▸ Memory function for power failure
▸ The LED dimmer enables switching and dimming of LED luminaires or LED luminaire groups

Examples of use
▸ Switching and dimming of furniture lights

Order information
▸ LED dimmer must not be used in combination with sensor or wireless switches
▸ Only for use with dimmable LED luminaires

12 V

LED dimmer/switch	
Dimmer	30 538 01

Accessories	
Repeater 12 Volt DC*	30 263 07

For use with:	LED lights
Surface finish:	Stainless steel
Max. switching power:	12 Volt DC-36 W
Test mark and symbols:	CE UKCA ⬦ ⊽⊽ ⊽
Line lengths:	see drawing
Standby:	<0.5 W
Plug connector:	LED mini M1 plug connector

* A repeater enables the control of a lighting circuit of more than 36 W at 12 volts DC.

Dimensional drawing / installation

1800   50   124   13
Ø16   17   1800
Ø18   49   200

magic by HALEMEIER
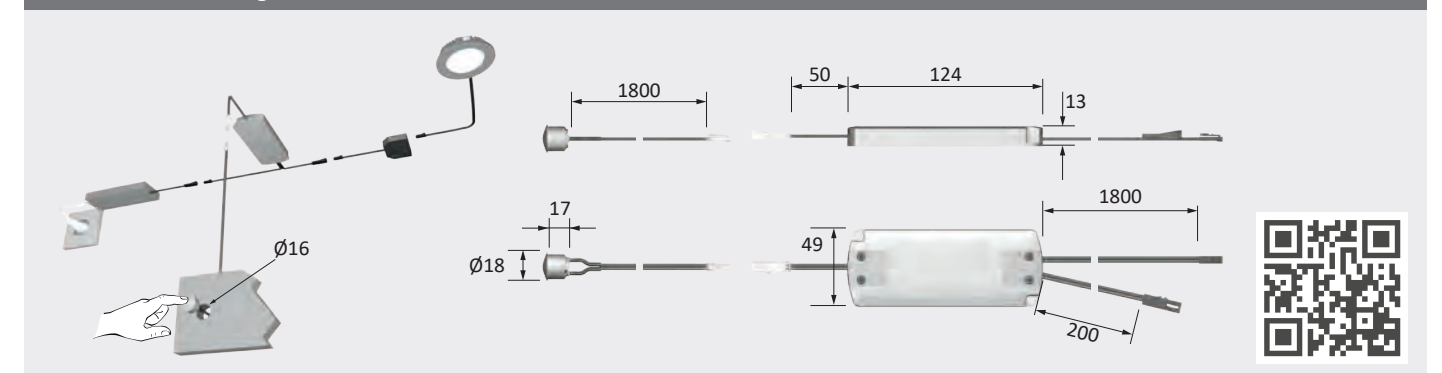
LED Touch

Advantages
▸ Sensor with dimming function for installation
  or screwing on
▸ With built-in orientation LED that can be switched
  off

Features
▸ Memory function for power failure
▸ Not for combination with upstream
  dimmer
▸ Dimming function can be switched off

Examples of use
▸ Switching and dimming of furniture lights
▸ As on/off switch

Order information
▸ Also available as changeover switch, see
  MultiSwitch² Touch

Technical details

`12 V`

LED Touch (sensor switch/dimmer)	
LED Touch dimmer including add-on housing	30 178 01

| **Accessories**	
Repeater 12 Volt DC*	30 263 07

For use with: LED lights
Surface finish: Aluminium look
Max. switching power: 12 Volt DC-36 W
Test marks and symbols: C€ �法 ◇ ▽▽
Sensor lead: 2000 mm
Supply lead: 150 mm
Switching lead: 150 mm
Standby: <0.5 W

* A repeater enables the control of a lighting circuit of more than 36 W at 12 volts DC.

Dimensional drawing / installation

on- off   0,5 sec   >1 sec   >4 sec

LED motion sensor

Advantages
▸ Motion sensor for drilling into place
▸ Responds to heat and movement

Features
▸ As on/off switch
▸ Not compatible with dimmers

Examples of use
▸ As motion sensor (PIR sensor)

Order information
▸ Only for use with dimmable LED luminaires

Technical details

`12 V`

LED motion sensor	
LED motion sensor	30 784 01

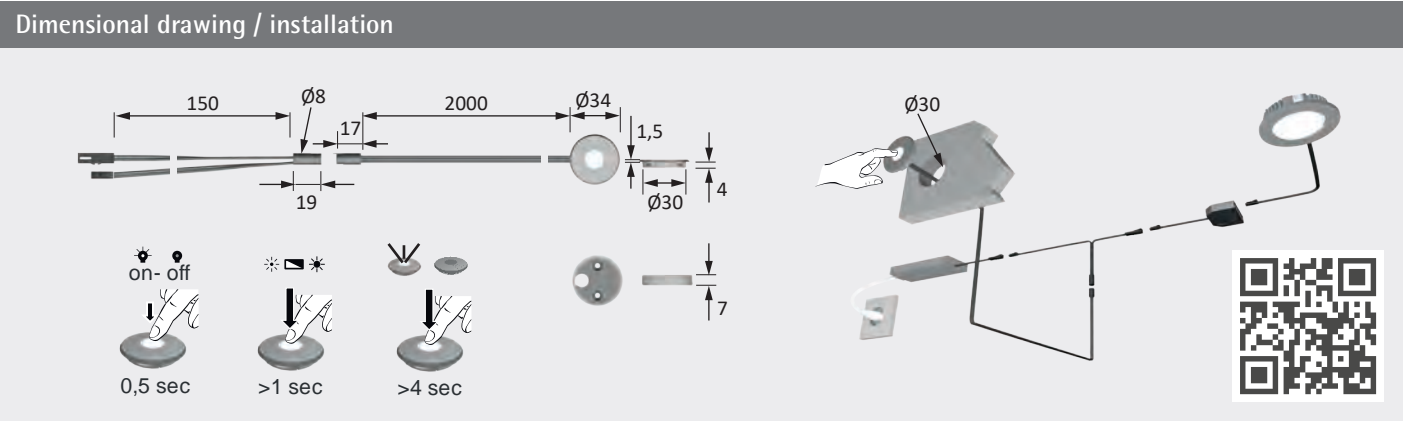| **Accessories**	
Repeater 12 Volt DC*	30 263 07

For use with: LED lights
Surface finish: Grey
Max. switching power: 12 Volt DC-36 W
Test marks and symbols: C€ ⌧ ◇ ▽▽
Motion sensor
Sensing angle: 90°
Range: 4 m
Stay-'ON' time: 30 seconds
Supply lead: 1800 mm
Switching lead: 1800 mm to light
Standby: <0.01 W

* A repeater enables the control of a lighting circuit of more than 36 W at 12 volts DC.

Dimensional drawing / installation

magic by HALEMEIER

Vertical tabs right side: Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge
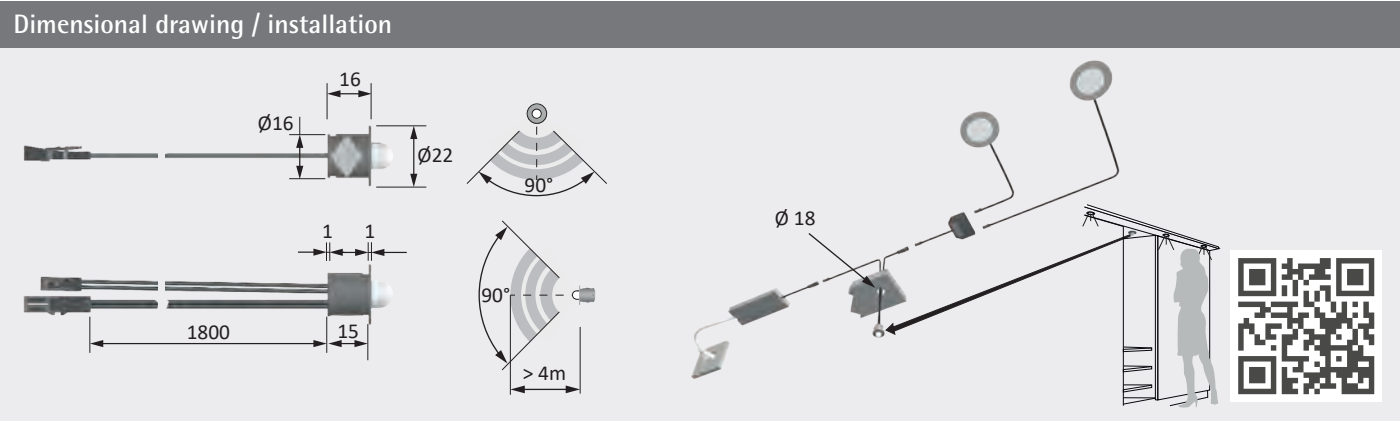
Dimming module 1-10 V / Dali

Advantages
▸ Enables the connection to
  home automation
▸ Can be used with all PWM dimmable magic
  luminaires

Features
▸ For use with 1-10 Volt or
  Dali control systems
▸ Interface to bus/house installation

Examples of use
▸ furniture lighting

24 V MP   12 V

For use with:	LED lights
Max. switching power:	12 Volt DC–36 W
	24 Volt DC–150 W
Test mark and symbols:	CE UK ◇ ▽▽
Supply lead:	180 mm
Control lead:	180 mm
Standby:	<0.5 W
Plug connector:	LED mini plug
	connector M1/MP2

Dimmer module

1-10 Volt - 12 Volt DC	30 580 02
1-10 Volt - 24 Volt DC	30 580 01
Dali - 12 Volt DC	31 041 01
Dali - 24 Volt DC	31 041 02

Accessories

| Repeater 12 Volt DC | 30 263 07 |
| Repeater 24 Volt DC | 30 263 08 |

Dimensional drawing / installation

1-10V

46,5
16
300   145   180

Dali

200   78
40
16
300   200

Dimmer angle element

Advantages
▸ Easy to assemble
▸ Easy to retrofit

Features
▸ Memory function for power failure
▸ For surface mounting

Examples of use
▸ Switching and dimming of furniture lights

Order information
▸ LED ballasts and LED luminaires
  must be ordered separately

12 V

For use with:	LED lights
Max. switching power:	12 Volt DC–36 W
Test mark and symbols:	CE UK ◇ ▽▽ ▽
Supply lead:	1800 mm
Control lead:	1800 mm
Standby:	<0.5 W
Plug connector:	LED mini
	M1 plug connector

Dimmer angle element

| Dimmer | 30 575 01 |

Accessories

| Repeater 12 Volt DC | 30 263 07 |

Dimensional drawing / installation

2,5
6,5
6,5
52
22,5
12
40
1800

magic
by HALEMEIER
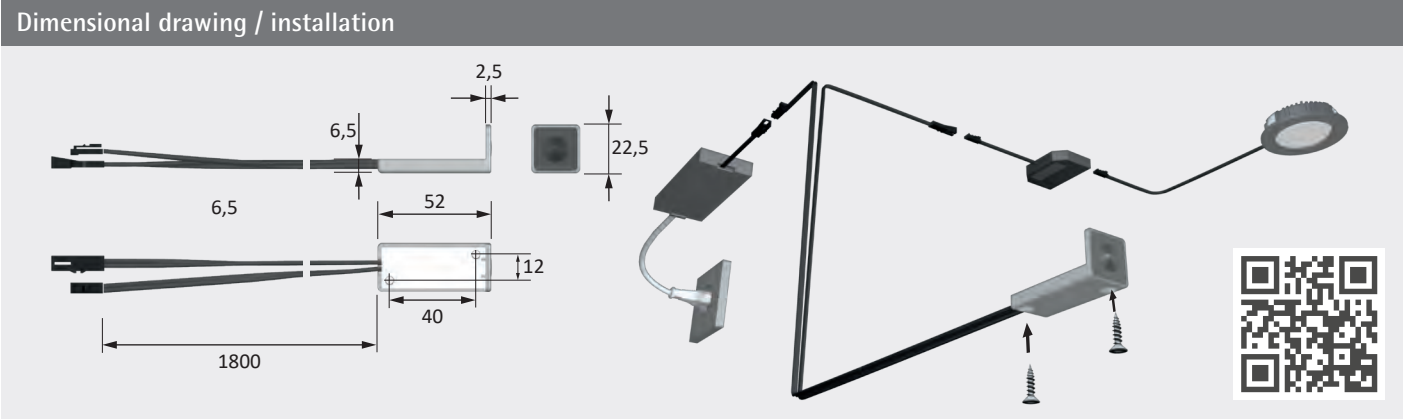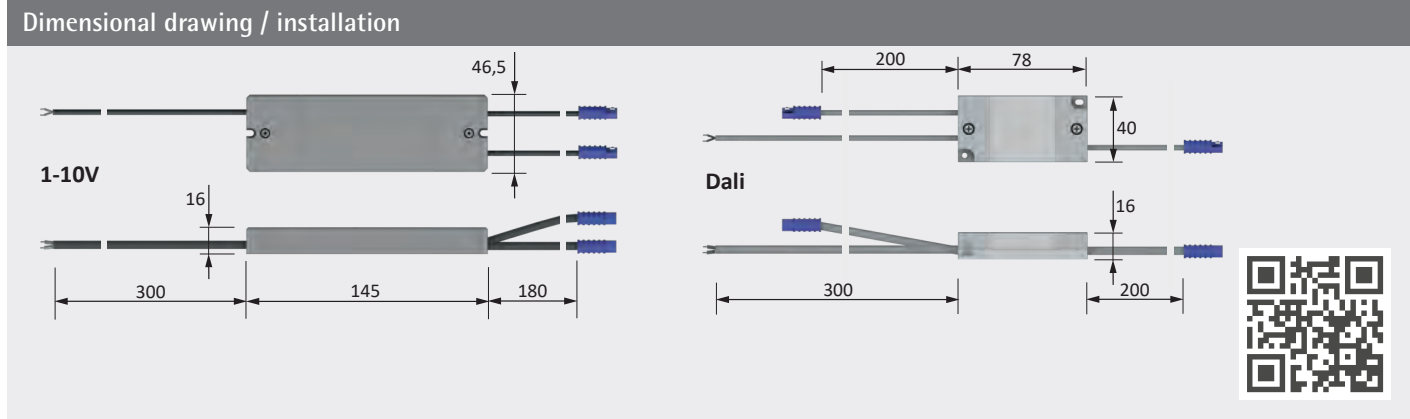
Mains-voltage rocker switch

Advantages
▶ Very easy handling
▶ A miniature version
▶ A barrier-free version

Examples of use
▶ Switching of furniture lights
▶ Switching ballasts

Order information
▶ Application image shows Super Dot and rocker switch
▶ A housing must always be ordered for the surface-mounted switch

230 V

Mains-voltage rocker switch

Mini rocker switch black	36 218 01
Surface-mounted switch	36 241 01
Housing for surface-mounted switch, aluminium look	36 241 06
Housing for surface-mounted switch, stainless steel look	36 241 09

For use with:	Luminaires and electronic ballasts
Surface finish:	Aluminium look/ Stainless steel
Max. switching capacity:	230 Volt AC-400 W
Test mark and symbols:	CE ⚡ ☐ ∿∿
Line lengths:	see drawing
Plug connector:	200–240 V Euro plug/connector

Dimensional drawing / installation

14,5 · 22 · 2000 · Ø22 · 3000 · 1000 · 25 · Ø65,5

LED rocker switch

Advantages
▶ Very easy handling

Examples of use
▶ Switching of furniture lights

12 V

LED rocker switch

Mini rocker switch aluminium look - installation	36 974 81
Rocker switch black - Structure	36 320 02

For use with:	LED luminaires
Surface finish:	Black
Max. switching capacity:	12 Volt DC-36 W
Test mark and symbols:	CE ⚡ ◇ ∿∿
Plug connector:	LED Mini M1 plug-in system

Dimensional drawing / installation

6 · 22 · 1800 · 1800 · Ø24 · on / off · 11,6 · 1000 · 40 · 35

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Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge
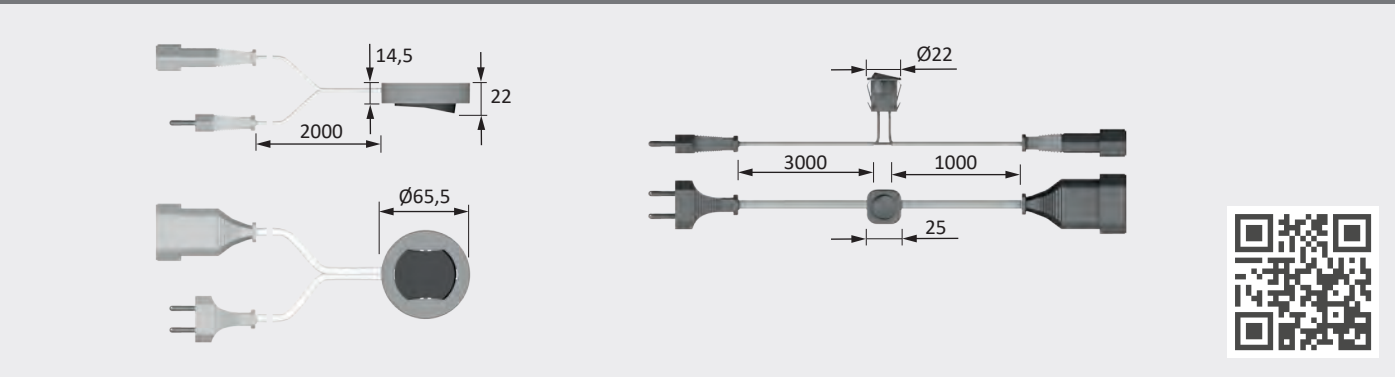
Dimensional drawing / installation
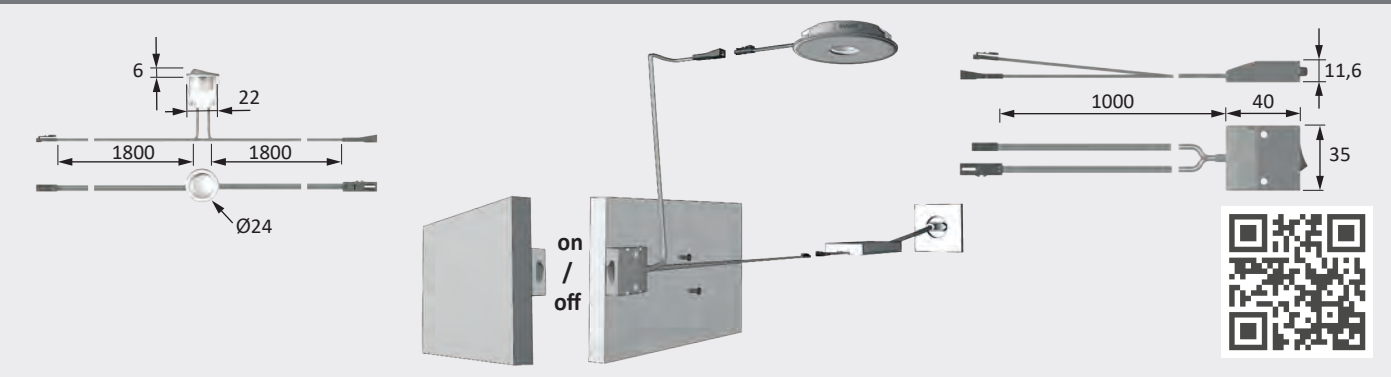
Infrared Repeater Plus

Advantages
▸ Infrared range extender for furniture applications
▸ Devices such as DVD/Blu-ray players and receivers disappear inside furniture and can still be controlled

Features
▸ The infrared signal from a remote control unit is picked up by the receiver and transferred to the furniture

Examples of use
▸ Furniture for e.g. televisions, hi-fi systems and game consoles

Order information
▸ Set contains one receiver with stand or a drill-in receiver, a transmitter and a plug-in power supply
▸ The set can be extended by two additional transmitters

Technical details

12 V

Infrared Repeater Plus

Infrared repeater set with stand	30 052 02
Infrared repeater set UP with drilling receiver	30 052 04
Additional transmitter	30 050 01

Accessories*

Extension additional transmitter 2.5mm jack – 2000 mm**	18 238 03

Surface finish:	Aluminium look
IR transmitter/receiver:	2.5 mm jack
Test marks and symbols:	CE UK ⬦ ▽▽
Table lengths	
Ballast:	200 mm
Controller:	2000 mm
Recipient:	1750 mm
Transmitter:	1750 mm
Standby:	<0.5 W
IR frequency band:	20–60 Hz

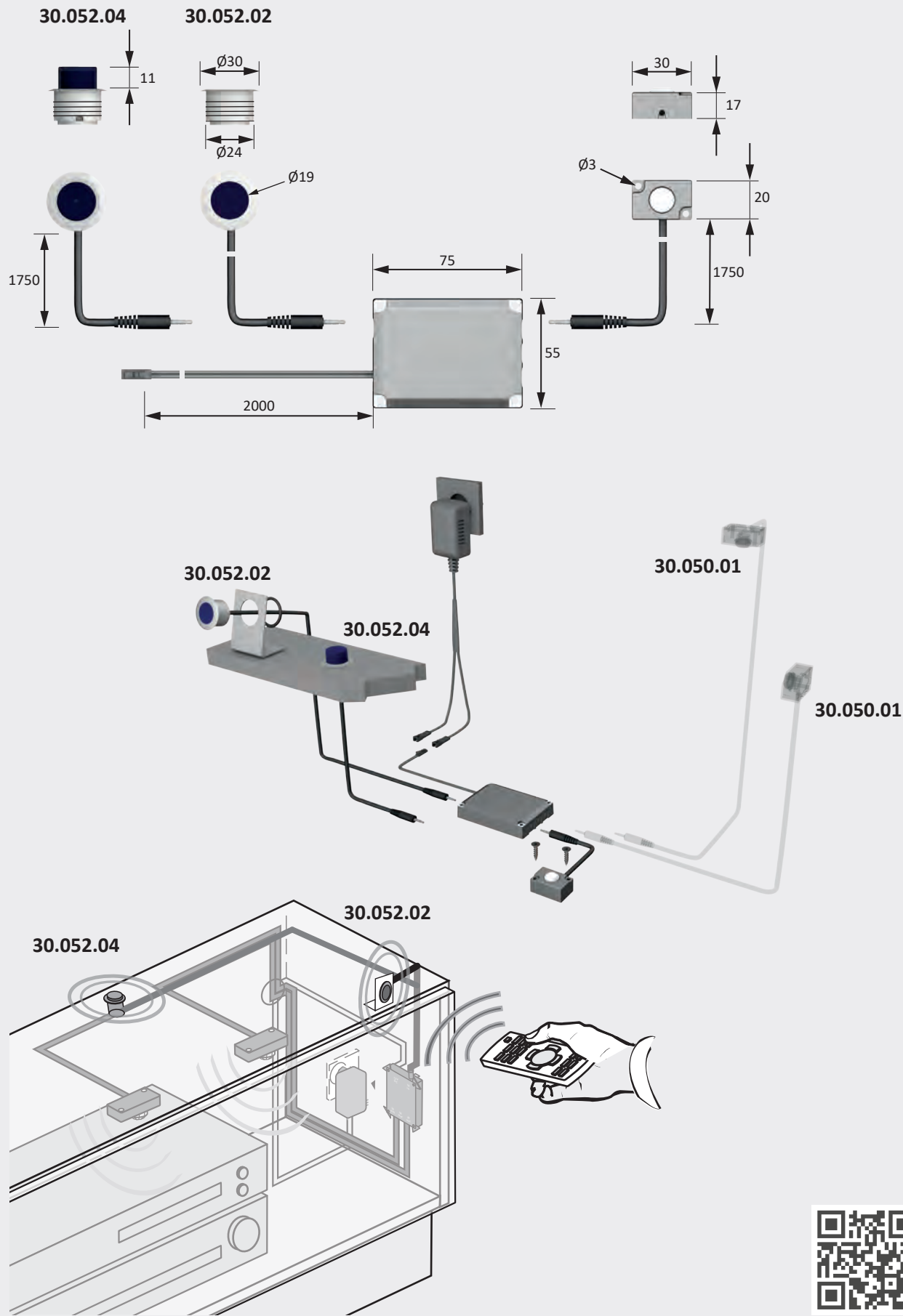* Further accessories in section Switch systems/Ballasts and leads
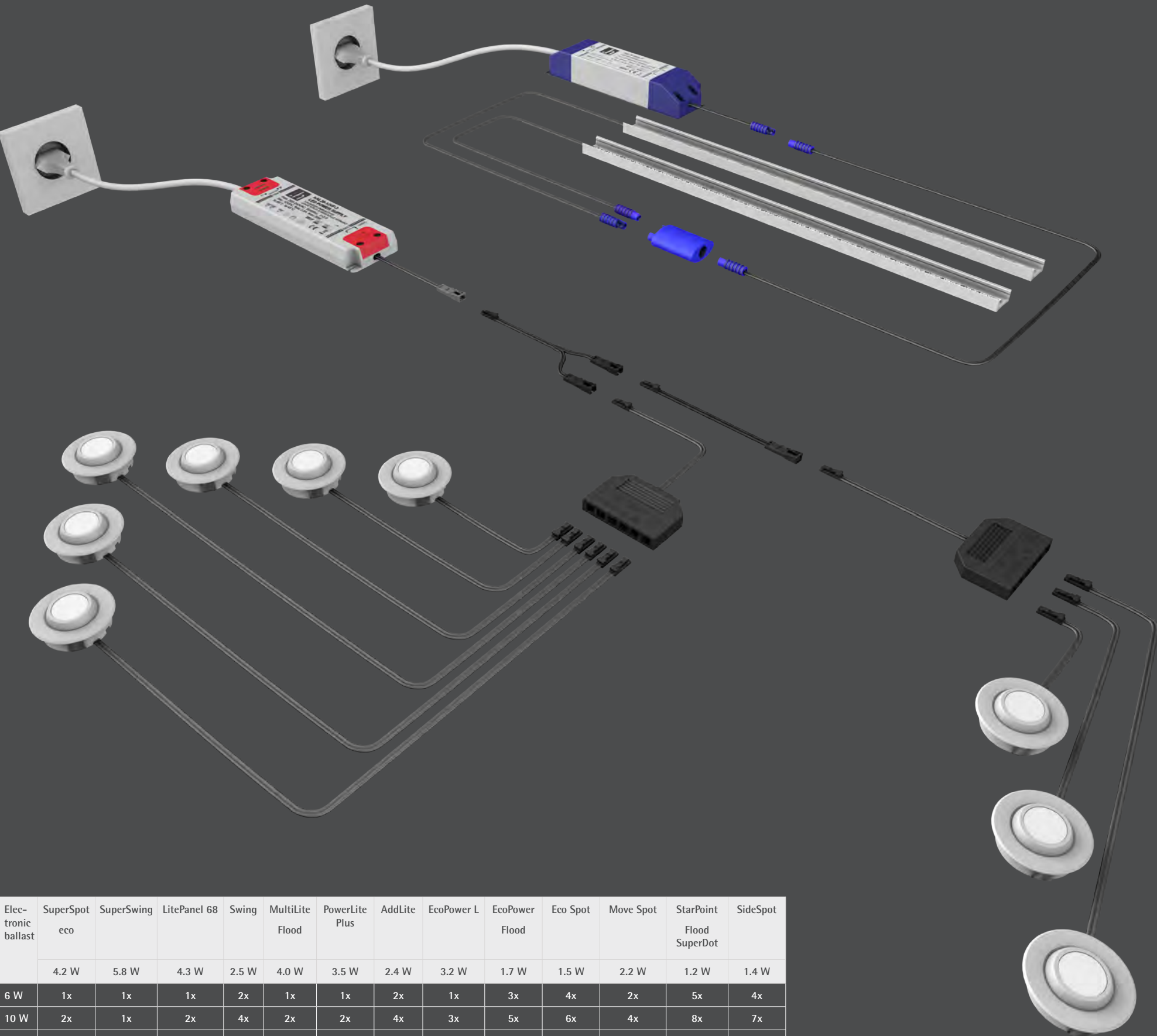** One extension lead per transmitter possible

Linear lights
ChannelLine profile
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

magic
by HALEMEIER

Matching power sources

Plug-in systems for Plug & Play

On the following pages you will find the right power sources for your lighting. You will find here the distributors and extension leads for all luminaires and controls you need to realise even large systems. The easily distinguishable plug-in systems ensure Plug & Play and make a wrong 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 and for use in furniture.

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

Electronic ballast	SuperSpot eco	SuperSwing	LitePanel 68	Swing	MultiLite Flood	PowerLite Plus	AddLite	EcoPower L	EcoPower Flood	Eco Spot	Move Spot	StarPoint Flood SuperDot	SideSpot
	4.2 W	5.8 W	4.3 W	2.5 W	4.0 W	3.5 W	2.4 W	3.2 W	1.7 W	1.5 W	2.2 W	1.2 W	1.4 W
6 W	1x	1x	1x	2x	1x	1x	2x	1x	3x	4x	2x	5x	4x
10 W	2x	1x	2x	4x	2x	2x	4x	3x	5x	6x	4x	8x	7x
15 W	3x	2x	3x	6x	3x	4x	6x	4x	8x	10x	6x	12x	10x
20 W	4x	3x	4x	8x	5x	5x	8x	6x	11x	13x	9x	16x	14x
30 W	7x	5x	7x	12x	7x	8x	12x	9x	17x	20x	13x	25x	21x
60 W	14x	10x	13x	24x	15x	17x	25x	18x	35x	33x	27x	41x	42x

Linear lights

ChannelLine profiles

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

Ballast 12 Volt DC

Advantages
▶ Short-circuit-proof
▶ Overload-protected
▶ Temperature-protected

Examples of use
▶ For 12 V DC furniture lights

Order information
▶ The ballast power must be equal to or higher than the total power of the connected consumers

Technical details

12 V

For use with: LED lights
Surface finish: white
Operating voltage: 100 V DC
240 V AC
Mains frequency: 50 Hz/60 Hz
Output voltage: 12 V DC
Test marks and symbols: C€ UK*** □ ▽▽ ⊖ ⚠
Plug connector
Primary: 2000 mm with flat Euro plug
Plug connector: LED Mini M1 plug connector

Ballast 12 Volt DC / 200 – 240 Volt AC*

6 W (1-way)	30 226 02
15 W (1-way + 6-way distributor)	30 996 17
20 W (1-way + 6-way distributor)	31 016 01
30 W (1-way + 6-way distributor)	31 002 07
30 W/IP 44 (1-way + 6-way distributor)	31 018 01
60 W (9-way, secured)	31 025 01

Ballast 12 Volt DC / 220 – 240 Volt AC dimmable**

5 – 30 W (observe minimum load)	30 586 01
2 – 10 W (observe minimum load)	30 595 01

* With these ballasts, luminaires connected on the secondary side (12 Volt DC) can be switched on and off with our switching and dimming systems for 12 Volt DC can be controlled.
** With these ballasts, a leading-edge or trailing-edge phase dimmer (standard in domestic installations) is used on the primary side (230 V AC) For dimming the connected luminaires.
*** Only in combination with UK adapter 36 210 01

Dimensional drawing / installation

Linear lights
ChannelLine profiles
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

Plug in Ballast 12 Volt DC

Advantages
▶ Short-circuit-proof
▶ Overload-protected
▶ Temperature-protected

Examples of use
▶ For 12 V DC furniture lights

Order information
▶ The ballast power must be equal to or higher than the total power of the connected consumers

Technical details

12 V

Plug in Ballast 12 Volt DC	
6 W – 240 Volt AC	30 563 03
10 W – 110 – 240 Volt AC wide voltage incl. Euro, UK, Australia, USA adapter	30 529 01

For use with: LED lights
Surface finish: black
Operating voltage: 100-240 Volt AC
Mains frequency: 50-60 Hz
Output voltage: 12 V DC
Test marks and symbols: CE ⊠ ▢ ▽▽ ▢ ⊕ ⟳
Plug connector: LED Mini
M1 plug connector

Dimensional drawing / installation

26,4
60,5 ca.200
38
30.563.03
40
55
81 124 107
30
45

EU UK US AUS
2
1
3
2
1

30.529.01

Wide range ballast 12 Volt DC

Advantages
▶ Short-circuit-proof
▶ Overload-protected
▶ Temperature-protected
▶ Mains lead is pluggable

Examples of use
▶ For 12 V DC furniture lights
▶ For export use

Order information
▶ The ballast power must be equal to or higher than the total power of the connected consumers

Technical details

12 V

Ballast 12 V DC – wide range voltage model 100–240 V	
30 W including 1800 mm Euro flat plug	30 115 01

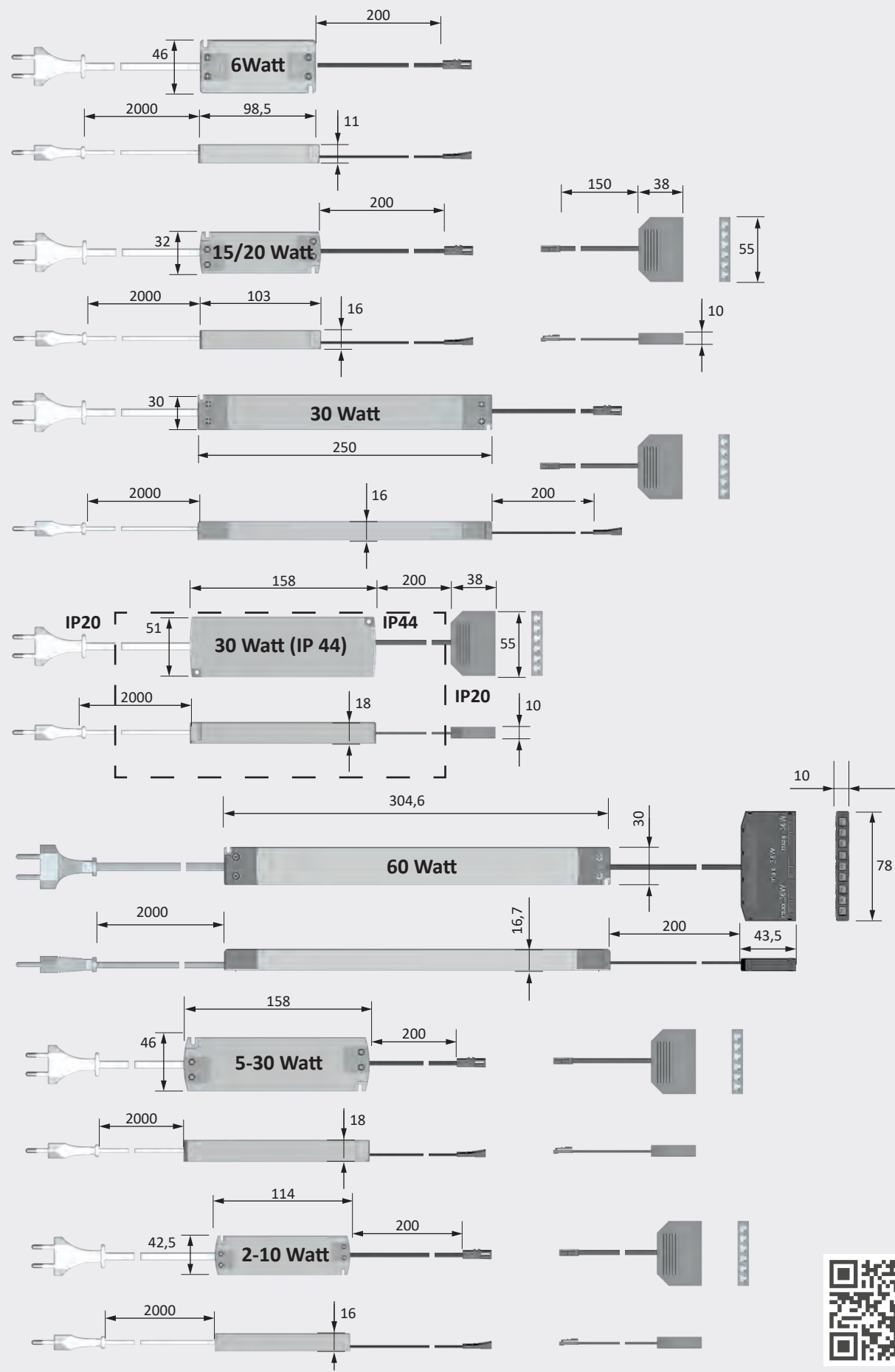| Accessories	
USA – Supply lead, 1800 mm	39 340 21
UK – Supply lead, 1800 mm	39 340 22
AUSTRALIA – Supply, 1800 mm	39 340 27

* With these electronic ballasts, luminaires connected on the secondary side (12 Volt DC) can be controlled with our switching and dimming systems for 12 Volt DC.

For use with: LED lights
Surface finish: white
Operating voltage: 100 V AC
240 V AC
Mains frequency: 50 Hz/60 Hz
Output voltage: 12 V DC
Test marks and symbols: CE ⊠ ▢ ▽▽ ▢ ⚠ ① ⟳
Plug connector
Primary: see table
Plug connector: LED Mini
M1 plug connector

Dimensional drawing / installation

16
214
57
1800
200

Linear lights
ChannelLine profiles
Spotlights
Special lights
Switch systems
Ballasts / leads
Lighting knowledge

Ballast 24 Volt DC

Advantages
▶ Short-circuit-proof
▶ Overload-protected
▶ Temperature-protected

Examples of use
▶ For 24 V DC furniture lights

Order information
▶ The ballast power must be equal to or higher than the total power of the connected consumers

Ballast 24 Volt DC / 200 – 240 Volt AC*

30 W	30 585 04
75 W	31 017 01
150 W	30 017 11

Ballast 24 Volt DC / 220 – 240 Volt AC dimmable**

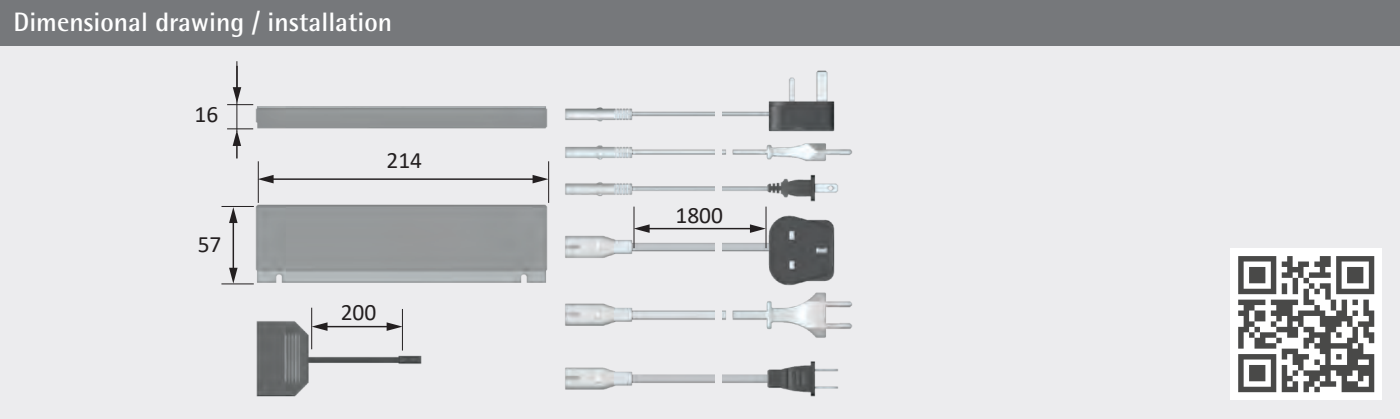|	
24 - 75 W (observe minimum load)	30 594 01

Technical details

24 V
MP

For use with: LED lights
Surface finish: white
Operating voltage: 220-240 V AC
Mains frequency: 50 Hz/60 Hz
Output voltage: 24 V DC
Test marks and symbols: CE UK*** ☐ ▽▽ ☐ ⚠
Plug connector
Primary: 2000 mm with flat Euro plug
Plug connector: LED-MultiPlug MP2

* With these electronic ballasts, luminaires connected on the secondary side (24 Volt DC) can be switched on and off with our switching and dimming system for 24 Volt DC.
** With these electronic ballasts, a leading-edge or trailing-edge phase dimmer (standard in domestic installations) is used on the primary side (230 V AC) for dimming the connected luminaires.
*** Only in combination with UK adapter 36 210 01

Dimensional drawing / installation

250   30
2000   **30 Watt**
16   200

2000   170   44,5
75 Watt
29   200

2000   170   65,5
150 Watt
31   200

Leads 12 Volt DC

Advantages
▸ LED plug-in system for 12 Volt DC lights

Features
▸ Plug bore diameter 8 mm

Order information
▸ Maximum connected load 3A/36 W
▸ Max. 5 m extension lead per light

Leads 12 Volt DC

Extension lead 1800 mm	36 768 01
Extension lead 5000 mm	36 743 03
Staircase distributor 2-way, 450 mm	39 903 02
3-way distributor 180 mm	36 852 01
6-way distributor 200 mm	36 122 07
6-way distributor 2000 mm	36 125 01
Cable clips (set of 10)	26 021 01

Technical details

12 V

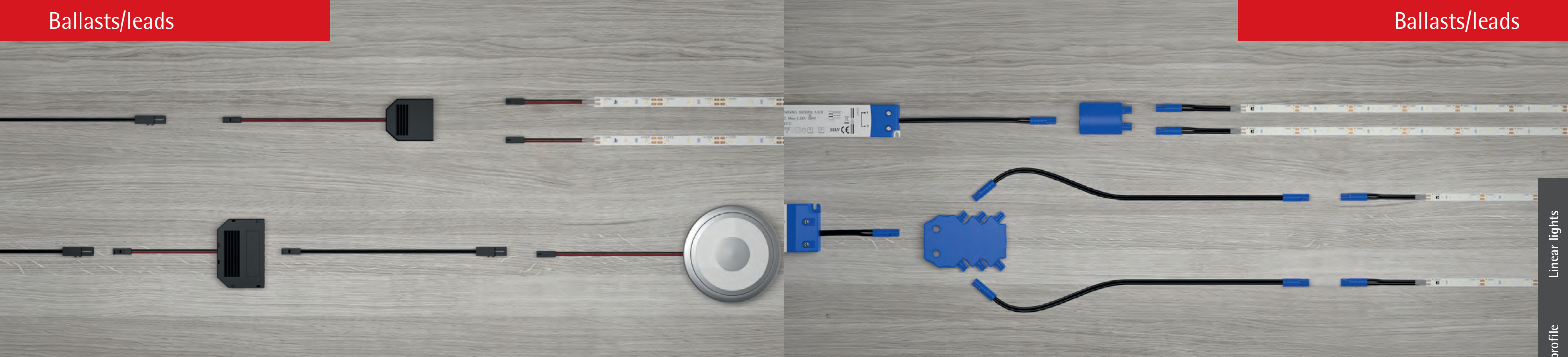|	
Type:	Plug system
Connected load:	max. 3 A (36 W)
Surface finish:	black
Plug connector:	LED Mini M1 plug connector

Dimensional drawing / installation

1800/5000

400   50

34

180   38

200/2000

55

38

Leads 24 Volt DC

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

Features
▸ Plug bore diameter 8 mm

Order information
▸ Maximum connected load 8A/192 W
▸ Max. 3.6 m extension lead per light

Leads 24 Volt DC

Extension lead 1800 mm	36 177 01
2-way distributor	39 422 51
6-way distributor	36 996 01
Cable clips (set of 10)	26 021 01

Technical details

24 V
MP

Type:	Plug system
Connected load:	max. 8 A (192 W)
Surface finish:	blue
Plug connector:	LED-MultiPlug MP2

Dimensional drawing / installation

12

55

77

1800

15

40   47

29

Linear lights

ChannelLine profile

Spotlights

Special lights

Switch systems

Ballasts / leads

Lighting knowledge

magic
by HALEMEIER
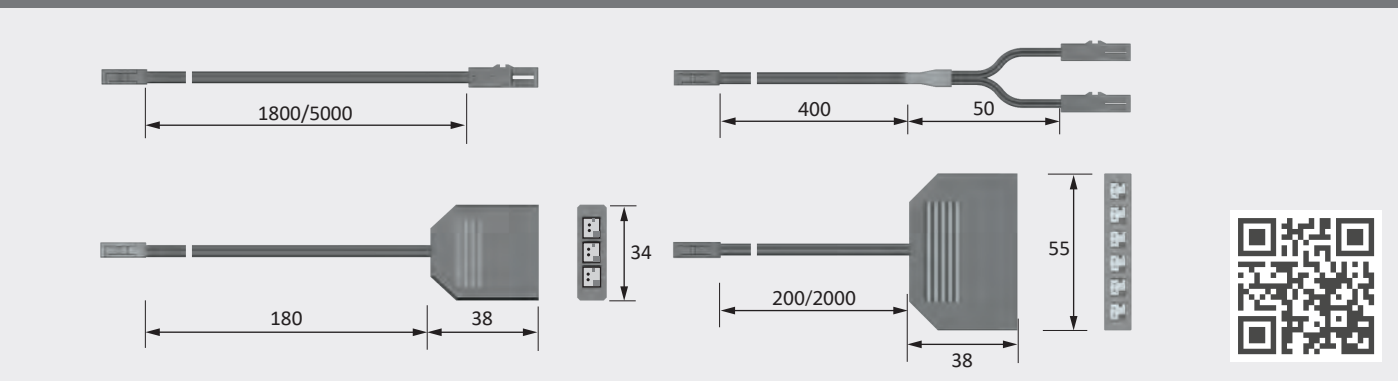
USB socket

Advantages
▸ USB charger socket
▸ for connection of 2 devices

Features
▸ For drill-in mounting
▸ Quick charging of mobile devices

Examples of use
▸ USB devices

Order information
▸ electronic ballast must have at least 15 W spare capacity

USB socket

USB socket	30 574 02

Technical details

12 V

Type:	Flush installation
Surface finish:	Aluminium look
Operating voltage:	12 V DC
Charging voltage:	5 Volt DC
Charging current:	max. 2.1 A
Test mark and symbols:	CE UKCA
Plug connector:	LED mini
	M1 plug connector

Dimensional drawing / installation

Ø37 — 4,5 — 32 — Ø28 — Ø28 — 1800
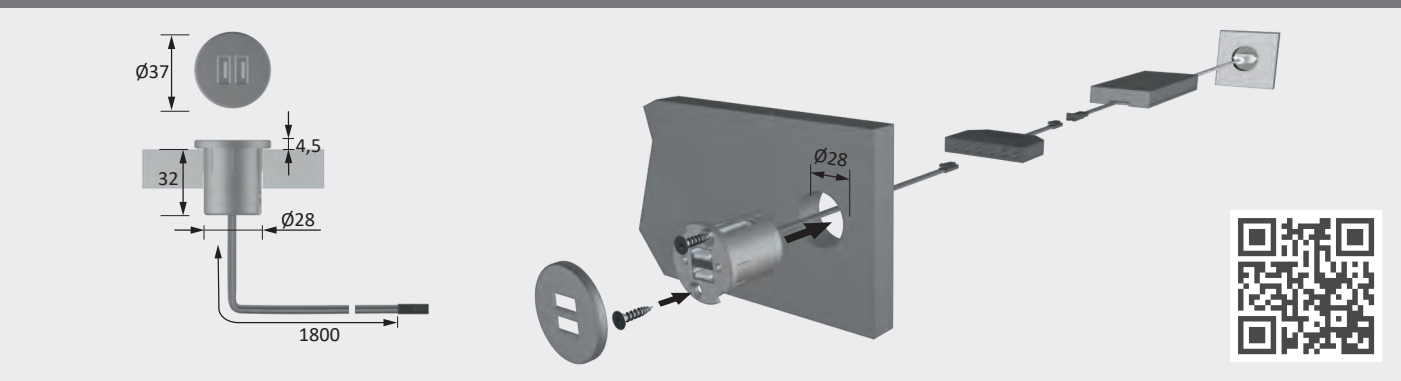
LitePac

Advantages
▸ Power supply without mains socket
▸ Integrated on/off switch
▸ High capacity
▸ For all 12 Volt DC lights
▸ M1 connection, distributor allowed

Examples of use
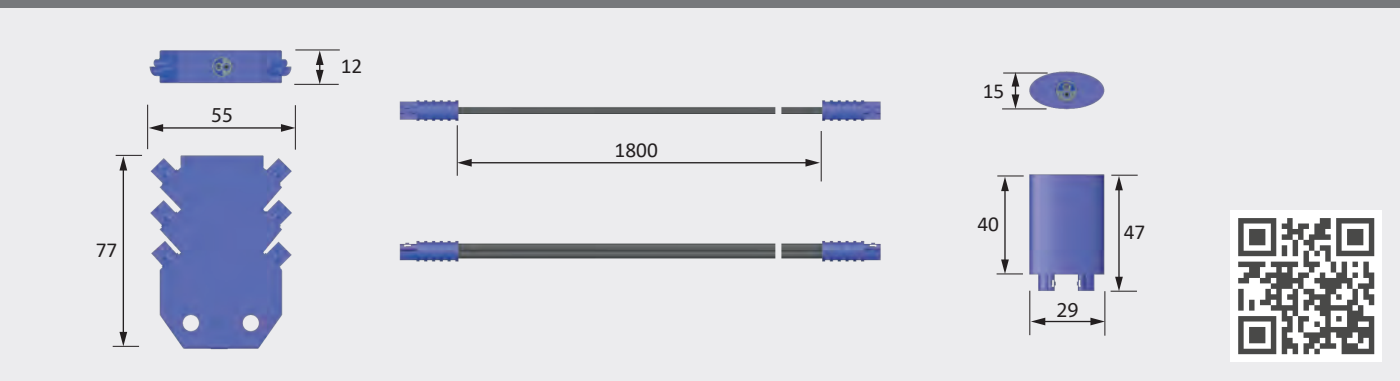▸ Presenting 12 Volt DC lights
▸ For lighting solutions in the table
▸ For the mobile presenter

Order information
▸ Suffices for about 12 hours with connection of approx. 10 W (1m Versa 160 / 2m Versa 80)
▸ May only be used with charger 31 152 01

LitePac

LitePac 6000 – Li-Ion battery 12 Volt DC	31 151 01
Plug-in power supply 12.6 Volt DC / 1.5 A charger for LitePac 6000	31 152 01

Technical details

12 V

Output voltage:	12 Volt DC
Charging voltage:	12.6 Volt DC
Power:	max. 36 W
Capacity:	6000 mAh
Recharge time:	approx. 4 h
Test mark and symbols:	CE
Plug connector:	LED Mini M1
	DC charger socket

Dimensional drawing / installation

86,5 — **Ladestatus** *state of charge* — 26,3 — **on/off** 2 Sekunden drücken *push for 2 seconds* — 146 — **in** 12,6V 1,5A — **out** 12,V 3A max. 36W — 1200mm
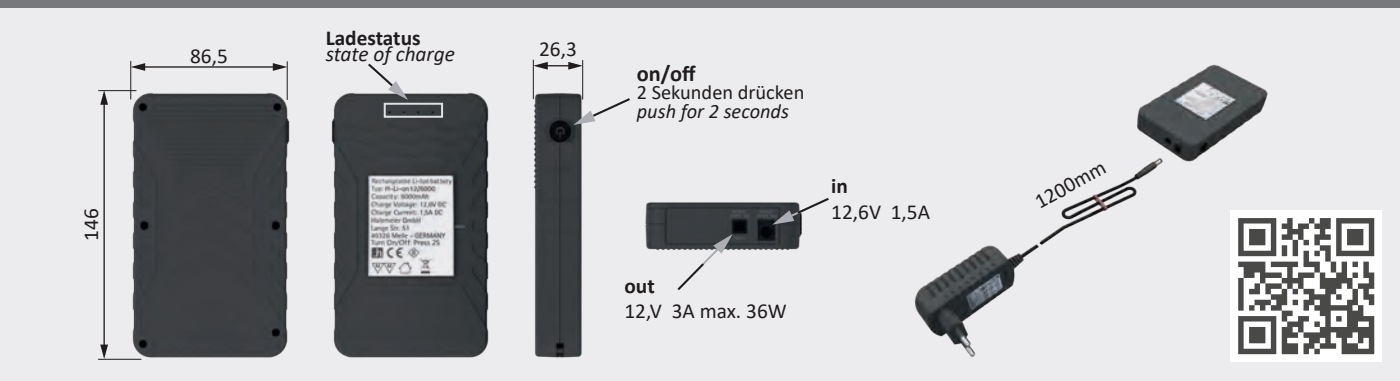
Cable duct

Advantages
▸ Neat and safe installation of LED leads

Features
▸ Made in plastic
▸ Can be individually cut to size

Examples of use
▸ Cable fixture on furniture

Cable duct

Cable duct, self-adhesive, 1000 mm	36 238 01

Technical details

Type:	Cable duct
Surface finish:	white
Length:	1000 mm
Width:	12 mm
Height:	7.2 mm

Dimensional drawing / installation

7,2   12   1000

HV adapters / distributors

Advantages
▸ Particularly flat high-voltage distribution
▸ which can be installed behind the furniture

Features
▸ Adapter for Euro flat plug - fast Mounting with one screw
▸ Distributor for flat Euro plug

Order information
▸ The UK adapter allows each electronic ballast to be used in GB and the Republic of Ireland

HV adapters / distributors

UK adapter plug for flat Euro plug	36 210 01
2-way distributor for flat Euro plug	36 326 01
4-way distributor for flat Euro plug	36 237 02

Technical details

230 V

Type:	UK adapter plug for Euro plug with internal 3 A fuse
Test mark and symbols:	CE
Type:	2-way distributor Euro plug
Leads:	100 mm/2x 100 mm
Type:	4-way distributor Euro plug
Lead:	1500 mm CEE7/ 17 Contour connector

Dimensional drawing / installation

36.210.01   **36.326.01**   **36.237.02**

38   21   175   100   100   100   1500

Sidebar: Linear lights · ChannelLine profile · Spotlights · Special lights · Switch systems · Ballasts / leads · Lighting knowledge

magic by HALEMEIER
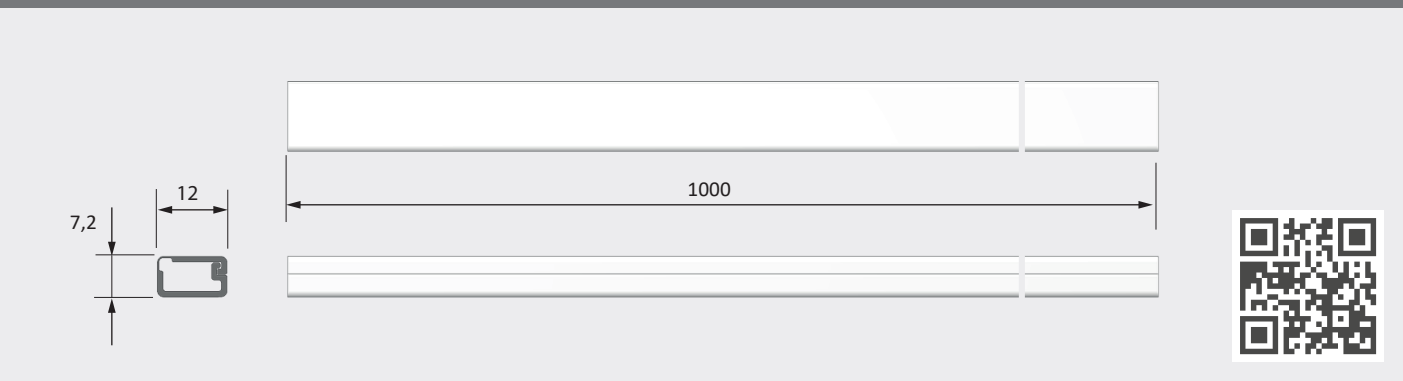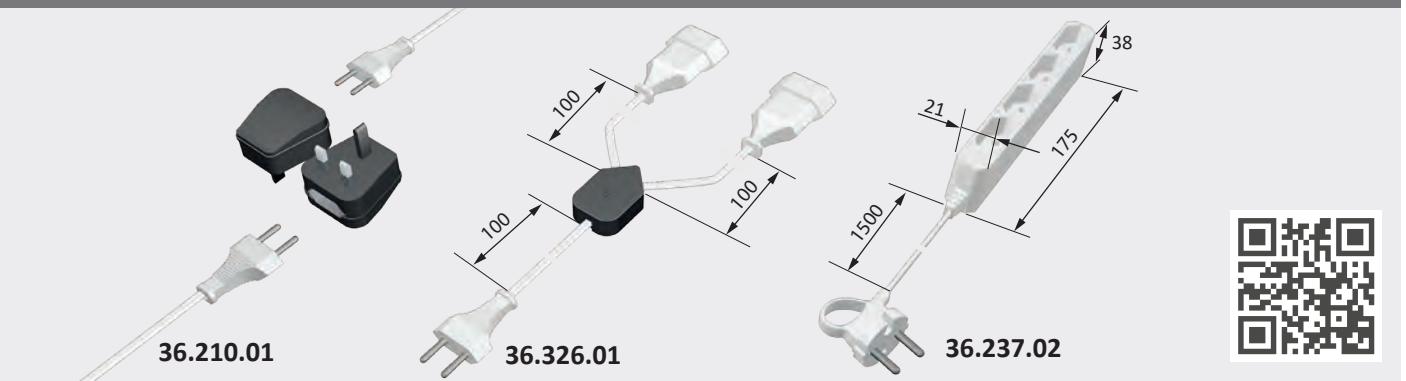
Types of lighting
Light can shape, change and move.

▶ **Functional lighting**
Functional, neutral white light is ideal for the work area in the kitchen. The colours and fine structures of food can be seen best in this light. Lights can be installed discreetly in the upper cabinets directly above the working area. Thus uniform, glare-free illumination can be achieved.

▶ **Accent lighting**
One room, two moods: The dining table is bathed in gentle light for a leisurely dinner. It is at the very centre of the room. In the background, accent lighting creates a captivating sense of depth.

▶ **Orientation lighting**
The same room takes on a different appearance due to the change in lighting. Decorative elements such as backlit picture frames unfold their effect. Energy-saving LEDs serve as orientation light – even during the night.

6500 K

3000 K

4000 K

2700 K

Illuminating facts about light
We bring light into the darkness

Lux, lumen and kelvin, warm white, cool white and neutral white: although the terminology of lighting systems is all around us, it is not always clear to us. We would like to bring light into the dark with a few explanations.

▶ **Light colour and colour temperature**
White light is composed of the entire colour spectrum, i.e. it is the sum of all light colours. If the proportion of red in the light dominates the light appears warm, and cooler if it contains more blue. This colour impression that a light source gives us is called the light colour. Colour temperature is measured in Kelvin (K). This only provides information on the visual colour impression; it does not say anything about the thermal value of the light. The annealing colours of a black test piece heated to the appropriate temperature serve as a reference for this.

▶ **The classifications**

XW XtraWarmWhite
2500 – 2800 K
Illumination of e.g. baked goods

WW WarmWhite
2900 – 3300 K
Comfortable, calming

NW NeutralWhite
4000 – 4500 K
Objective

CW CoolWhite
5000 – 6500 K
Daylight-like, technical, stimulating

MW MultiWhite 2500 – 6500 K
Adjustable white
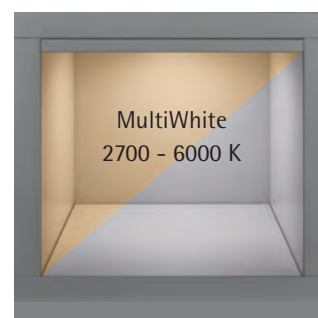Cosy to daylight-like

Extra WarmWhite
2700 K

WarmWhite
3000 K

NeutralWhite
4000 K

CoolWhite
6000 K

MultiWhite
2700 - 6000 K
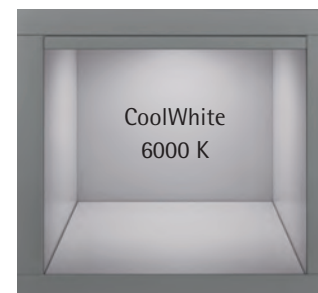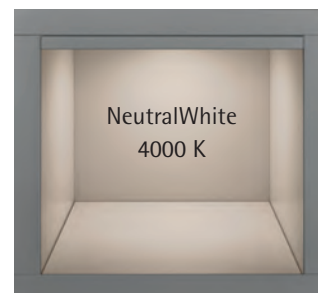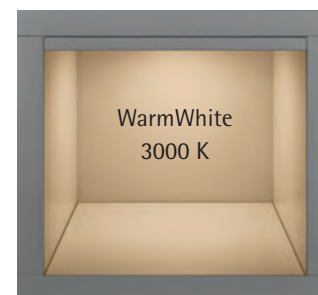
The colour designations are not standardised and do not designate specific light colours, but merely colour ranges.

▶ **Colour rendering**
The colour rendering of light determines whether the light makes the colours appear dull or bright. It is important for good visual results and pleasant viewing experiences.

Light that contains all spectral colours – such as day light – makes the colours of objects look natural. Colour rendering is neutral, and therefore particularly favourable for judging colours.

The colours of objects tend to look unnatural in light with an unbalanced colour spectrum.

The quality of the colour rendering of a light source is assessed by the colour rendering index (CRI). It is derived from common test colours and indicates how naturally colours are rendered. Depending on the visual task, the appropriate colour rendition should be chosen. To ensure a relaxed and positive visual experience, the colour rendering index should not be less than 80.

Many customers attach great importance to high-quality furnishings and fittings for their homes and living environments. A lot of money and passion is invested in the ambience. But only the optimal lighting can bring their interior design perfectly to the fore.

Only an indirect relationship exists between light colour temperature and colour rendition. The currently best method uses the principle of "luminescence conversion" and is used both for LED and fluorescent lamps. In this method the original blue LED light is transformed into white light by a very thin layer of phosphor material. Currently, CRI values of up to over 90 can be achieved with this method. This method currently provides the best price/performance ratio for high quality lighting solutions and is therefore preferred by HALEMEIER.

CRI
~ 50

CRI
~ 90
Halemeier

CRI
~ 70

▶ **Luminous flux**
Luminous flux describes the luminous efficiency of a light source and is expressed in lumen (Lm).

▶ **Luminous intensity**
Light intensity (illuminance) is probably the term most frequently used in lighting and defines the incidence of luminous flux on a defined surface, measured in lux (lx).

▶ **Light distribution diagrams**
The light distribution diagrams shown in the catalogue help to select the right luminaire.

The diagrams illustrate:
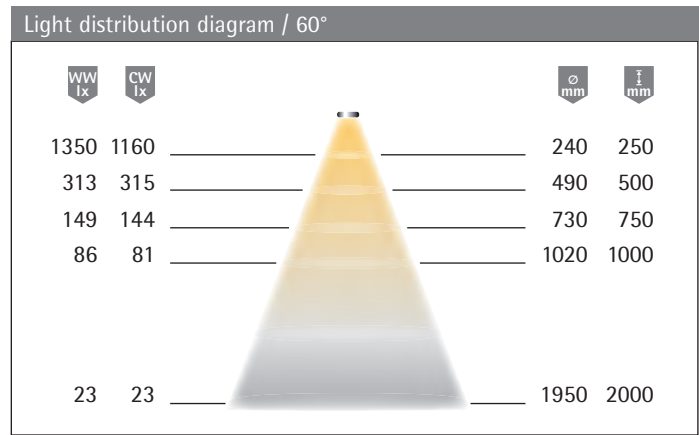1. the illuminance at a distance from the luminaire
2. the light distribution area
3. the half value angle

Light distribution diagram / 60°

WW lx	CW lx			⌀ mm	↕ mm
1350	1160			240	250
313	315			490	500
149	144			730	750
86	81			1020	1000
23	23			1950	2000

Why do we give the illuminance in lux, and not in lumens or watts?

The wattage of a luminaire says practically nothing about what kind of lighting effect the luminaire produces. All we learn by specifying watts is how much power a light consumes while it is operating. Or put simply: what it costs us to turn them on. In other words, watts are important for assessing the efficiency of a luminaire and for selecting the appropriate electronic ballast. However, they say nothing about the brightness of this light.
The illuminance in lux specified for the luminaire, on the other hand, makes it easy to assess what effect – functional, decorative, accentuating or orienting – can be achieved.

Brightness is a generic term for subjective impressions and objective measured quantities for the visual perception of – visible – light. This means that we all have a different "need" for brightness. As a rule, older people, for example, need more light than young people in order to have the same impression of brightness.

When planning, it should also be taken into account that dark surfaces "swallow" more light than light surfaces. Therefore: The lower the reflectance and the more difficult the visual task, the higher the illuminance needs to be.

Some examples of degrees of reflection:

▶ White walls up to 85 percent
▶ Maple and birch up to 60 percent
▶ Light oak up to 35 percent
▶ Red bricks up to 25 percent
▶ Dark oak only up to 15 percent

▶ **ENEC**
European mark of conformity: Confirmed standards conformity for electrical products through national certification bodies.

▶ **VDE-GS mark**
German mark for appliances as technical equipment according to the Appliance Safety Act GSG.

▶ **EMC**
Approval mark of the VDE, confirming compliance with the law on electromagnetic compatibility.

▶ **CE**
The CE mark certifies among other things compliance with the Low Voltage Directive and the EMC Directive by the manufacturer or importer.

▶ **F mark**
In the past, luminaires suitable for direct mounting on or against normally flammable materials bore the F mark. This is no longer required by current standardisation status, but assumed. Only deviations are marked.

▶ **MM mark**
Lights and transformers suitable for installing in or on furniture which are made from materials with unknown flammability properties.

▶ **Temperature-protected electronic transformer**
Converter is protected against overtemperature and switches off in the event of a fault. The value in the triangle shows the maximum housing temperature in the event of a fault.

▶ **Short-circuit-proof safety transformer**
Converter is protected against short circuit and switches in the event of a fault.

▶ **Independent electronic transformer**

tamax. ▶ **Maximum permissible ambient temperature**
This is the temperature level up to which no components are thermally overloaded.

tC° ▶ **Temperature reference point**
Denotes the temperature reference point on the housing surface which, if exceeded, reduces useful life.

SELV ▶ **Protective extra-low voltage**
Safety Extra Low Voltage

▶ **Safety class 1 – Devices with earth conductor connection**
Equipment in which protection against electrical shock does not only rely on basic insulation. An additional measure of protection is given by connecting those conductive components to the protective earth conduct or in the building wiring that are otherwise capable of assuming hazardous voltages if the basic insulation fails.

▶ **Protection class 2 – devices without protective earth connection**
Equipment where the protection against electric shock is not only based on the basic insulation, but where additional safety measures for double insulation or reinforced insulation are present. There is no facility for connection to protective earth conductors.

▶ **Protection class 3 – Devices with protective extra-low voltages**
Equipment with protection against electric shock on protective extra-low voltage and in which voltages higher than the protective extra-low voltage are not generated – For voltages below 25 volts AC or 60 volts DC, protection against contact can be completely dispensed with.

IP codes ▶ **Protection against foreign bodies / water**

IP 20 Protection against medium-sized foreign bodies / no protection against water

IP 21 Protection against medium-sized foreign bodies / protection against water

IP 40 Protection against granular foreign bodies / no protection against water

IP 44 Protection against granular foreign bodies / protection against splashing water from all directions

IP 65 No ingress of dust / protection against water jets

Use only in dry rooms

▶ **The following marks confirm compliance with North American standards**

QPS test mark for Canada and USA

Test mark of the UL Institute

Test mark of the ETL Institute

Declaration of conformity for products in the United Kingdom

Zigbee is the complete solution for the majority of major smart home solutions. Halemeier is a member of the ZigbeeAliance

Tips & tricks

‣ **Using Lux and Lumen values to select the right product**
If you are searching for functional lighting with a certain level of illumination, you can easily see whether the chosen product has the right degree of brightness by reading the Lux values on the lighting diagram. This also allows you to compare different lights. The luminous flux, or light output of a lamp, does not provide any information on these values. It is suitable only for selecting a light in systems where these are replaceable.

‣ **Extending LED leads**
Leads cannot be infinitely extended. Firstly, unwanted EMC effects could occur (leading to disturbances in electronic systems); secondly, ballasts could be overloaded or the light output of the lamp significantly reduced.

‣ **Our lights based on 12 V DC** are supplied with a mini LED plug system M1 and may be generally extended by 2 extension leads of 1.8 m each in addition to the supply lead fitted as standard.

‣ **Our lights based on 24 V DC** are supplied with a Multi-Plug system MP2 and may be generally extended by 2 extension leads of 1.8 m each in addition to the line assembled as standard.

‣ **Dimming LED lights**
In the information box "Technical details", which you will find on every product page in the catalogue, we indicate whether a luminaire is dimmable. LED luminaires are dimmed by PWM (pulse width modulation) on the extra-low voltage side. This is done either by our Smart.home controls, LED dimmers or by special electronic ballasts, which are controlled by a 1-10 volt control voltage or a phase-cut dimmer, depending on the type. Important: Standard LED ballasts are not dimmable.

‣ **Who remembers what?**
All switches of this range "remember" their state when the power was switched off. This means, for example, for the S-Mitter that the previously set dimming level remains available after disconnection from the mains.

‣ **Factors affecting life span**
As a basic rule, the indicated life span of technical equipment is based on an ambient temperature of 25° Celsius. Higher temperatures usually reduce the lifetime.
When installing, avoid predictable heat build-up (e.g. by mounting a ballast between two wooden plates), unless absolutely necessary.

‣ **Heat generation**
The light emission of LED generates a certain amount of heat, which is however is so low (compared to other technical appliances) that it has almost no impact on the environment. The design of the light ensures that under normal conditions of use no heat accumulation will occur that reduces the life of the electronic components and the LED in particular. When using high-powered LED flex strips, the mounting surface must be able to dissipate some of the heat. We therefore recommend the use of ChannelLine profiles made of aluminium that act as heat sinks for LED light strips.

‣ **Loads of ballasts for LED lights, connection of electronic switches**
The power consumption of small LED lights or the standby power of our switches is sometimes so low that you need to consider the minimum load when selecting the appropriate ballast. Electronic switches should only be connected to the ballasts whose power range is specified from 0 to X W. If voltage drops below the minimum load, reliable operation is no longer guaranteed.

‣ **Overload of ballasts**
Make sure that the ballast is not overloaded with the number of lights connected to it.

‣ **Observe the inrush current**
Fully electronic ballast have no inductance in the input circuit which limits the current rise at switch-on. Therefore, a high current peak may occur when the mains voltage is switched on. When using large number of ballasts (e.g. in an exhibition) this should be considered when protecting the circuit.

‣ **Electronic ballast with output control**
Electronic ballast with output control compensate mains voltage fluctuations of +/- 10%, so that the emitted light flux is nearly constant. Devices of this type are also called controlled devices.
In so-called uncontrolled devices, mains voltage fluctuations of +/- 10% also mean a +/- 10% fluctuation of lamp power and light output.

‣ **Using IR switches**
When using IR sensors, such as in combination with the Multiswitch or the integrated sensor of InnoLine, make sure that the infrared beam is reflected cleanly to the receiver. High gloss but also too strongly frosted surfaces and incorrect mounting distances can lead here to errors. Please use the reflector stickers supplied.

‣ **Blinking LED lights**
Blinking lights are typical of the over- or under-loading of a ballast. This can be caused by an inappropriate number of lights excessively long line connections or a partial short-circuit (e.g. clamped line).

‣ **Malfunctions or different levels of brightness in LED Versa strips.**
When you connect sections of the Versa Inside strips, you need to ensure that connectors have the exact polarity and are firmly seated.

‣ **Binning allows for constant product quality.**
In the industrial production of LED chips, deviations always occur during the manufacturing process. The photometric properties of the chips differ in colour and luminosity. To ensure a constant light quality with the same brightness level and uniform light colour, the LED of a batch must be sorted. They are divided into selection classes, called "bins". Important selection criteria for this are chromaticity, luminous flux (unit: lumen) and colour temperature (unit: Kelvin). This is why the precise specification of the light colour of a light series is simply not possible. To ensure availability and appropriate price/performance ratio, LED lights with different production data can be equipped with different selection classes of a LED. We are committed to infrequent change of selection classes and in many lights types we already offer "single binning" – i.e. fittings with always the same LED selection.

‣ **Replacing LED light bulbs**
LED light bulb replacement is not provided.

‣ **Care and maintenance**
Please only clean your light in OFF state.
The care is limited to surfaces, e.g. acrylic glass and covers. Ensure that no moisture enters the terminal boxes or electrical parts.

‣ **Important information for LED lighting systems**
LED lighting systems can produce very intense beam that can possibly damage the eyes if used improperly.
Therefore, never look directly into the light from a short distance.

‣ **Correct disposal of LEDs**
LED modules and LED lights are mercury free, but contain electronic components. They therefore fall within the regulations of the Waste Electrical and Electronic Equipment Act (ElektroG/WEEE). LEDs must therefore not be disposed of in the residual waste. LED lights can be disposed of free of charge at appropriate collection points.

‣ **Safety instructions for installation:**
Always follow these instructions and the installation instructions for a safe and secure installation and use of this lamp. Keep the installation manual for future reference. Installation and electrical connections must be carried out by a qualified person. Always disconnect the power supply before connecting the circuit and secure it against unintentional reconnection. Make sure there is no voltage present before starting work. The maximum output in watts indicated on the lamp/operating unit must be taken into account when connecting it to a power circuit or a power supply unit. Under no circumstances may the specified value be exceeded! Lights may be used only for their intended purpose. Interior lighting may not be used outdoors. Lights may not be covered by any objects.

Attention! To avoid risks, a damaged outer flexible cable of this light may only be replaced by a qualified electrician or the manufacturer.

3 years warranty
for all Magic by Halemeier catalogue items*

5 years warranty for
selected Magic by Halemeier LED luminaires**

Warranty conditions
Valid for Halemeier LED luminaires, LED ballasts and system accessories which are exclusively operated in the system with Halemeier products with purchase date from 01.05.2021.* The guarantee is valid on the territory of the European Union and Switzerland.

If a Halemeier LED luminaire or Halemeier electronic ballast or system accessory fail within the warranty period due to a product defect, the purchaser will receive a replacement or repair of the luminaire/system accessory free of charge. If the product is no longer available, Halemeier reserves the right to refund the pro rata purchase price. A decrease in luminous flux due to use is normal for LED products (up to 30% within the specified service life), does not constitute a defect and is therefore not covered by the warranty.

The warranty granted is valid on condition that the products are used in accordance with their product specifications and are installed and commissioned professionally, in accordance with the installation instructions enclosed with the product. The warranty expires if modifications or repairs have been carried out by third parties. The product must not be subjected to any mechanical loads that are not in accordance with its intended use.

Furthermore, the ambient temperature must not fall below -20°C and must not exceed 30°C. The relative humidity must not exceed 80% (does not apply in the protection classes provided for this purpose) and the products must not be subject to voltage fluctuations of more than 10%.
Due to technical progress and changes in luminous flux caused by use, subsequent deliveries of LED luminaires may show deviations in the light characteristics compared to the original products.
The warranty is excluded if the products have been modified or repaired or if the goods have been installed improperly or by unqualified personnel. The guarantee does not apply to incidental costs incurred in connection with the rectification of defects
(such as for installation and removal, transport of the defective and the repaired or new product, disposal, travel and travel time); these costs will be borne by the buyer..

Halemeier accepts no liability beyond this manufacturer's warranty.

 Warranty claims must be made immediately after becoming aware of the defect within the warranty period. The warranty services do not have the effect of extending the warranty period, nor do they initiate a new warranty. However, the warranty claims of the purchaser shall continue to exist unchanged in addition to this manufacturer's warranty
The warranty period starts from the day of delivery ex works Halemeier.

* Excluded from the 3 or 5 year warranty are only:
Batteries and rechargeable batteries

** Excluded from the 5 year warranties are only :
LuckyLite Pro, LitePipe, InnoLine, LuckyLine and SwanLite.
We refer to our General Terms and Conditions under

www.halemeier.de

Ecodesign Directive and the labelling of lighting sources and/or luminaires

With the publication of Delegated Regulation (EU) 2019/2015 of 11 March 2019, the competent Commission has replaced the former Regulation (EU) 874/2012. This means that the obligation to label luminaires has expired since 25.12.2019 and will be replaced by an obligation to label light sources, which will apply from 01.09.2021. If a light source is placed on the market as part of a containing product, the labelling obligation for the light source used also does not apply. Operating manuals or installation instructions need only state the energy efficiency class of the light source used.

With the appearance of this new regulation, the classification of the corresponding energy efficiency classes will also change. Example: A luminaire which in the past fell into energy efficiency class A   as a luminaire according to (EU) 874/2012, only achieves energy efficiency class E according to the current regulation (EU) 2019/2015 with the illuminant which continues to be used unchanged. The luminaire is not less efficient, it is now only subject to a different calculation basis for determining the corresponding energy efficiency class of its illuminant. The effects on the efficiency of the end product luminaire, which are significantly influenced by design details such as housings, reflectors, lenses and covers, are not taken into account by the current regulation.

We take over product responsibility in accordance with the WEEE Directive

In addition to all deliveries within Germany, Halemeier takes over the product registration** as a free service for its customers in other EU countries*.

The registration is not to be carried out with an overall EU authority, but with the respective national authorities of the member states. Halemeier currently undertakes this registration for deliveries to customers*) in Belgium, Denmark, Estonia, Finland, France, Greece, Ireland, Italy, Latvia, Lithuania, the Netherlands, Austria, Poland, Portugal, Romania, Sweden, Spain, the Czech Republic and Hungary.

**) Halemeier product registration is only sufficient for luminaires and devices which are marked with the Halemeier brand and which can be dismantled after installation by the installer using standard household tools. If they are not, the processor/furniture manufacturer must register his furniture independently. In case of export by the customer, an independent declaration by the distributor in the country of destination is mandatory.

Technical data of the catalogue
Halemeier only gives the values in his catalogue data that were determined for the complete product in our own laboratory and on the basis of algorithms.

Philips Licensing Program
Wide assortment of innovative technologies

Halemeier is a licensee of the Philips LED
licensing program for luminaires and thus enjoys many advantages and opportunities: Only licensees get access to a wide range of over 200 Philips lighting innovations – from basic LED controls to system-level technologies that can be used in LED-based luminaires and retrofit luminaires. This will help to accelerate product development, increase cost efficiency and exploit new opportunities in the expanding market.

EnabLED
Licensing Program for LED
Luminaires and Retrofit Bulbs

Member
Halemeier GmbH

ENABLED

zigbee

Halemeier is a member of the Zigbee Alliance.

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