

LIGHTING SOLUTIONS

CATALOG
2023

Dear customers,

For more than 30 years, rutec has been one of the leading providers in the specialist retail lighting market with professional lighting solutions. The product range has so far focused on LED strips for a wide range of applications and high-quality recessed spotlights. Our particular strength lies in the diverse and powerful range of various lighting and control solutions and the almost endless combination possibilities of our products.

With the introduction of a credible range of products, we are taking the next step and expanding our convincing range of products and services in a targeted manner. In addition to a wide selection of decorative-technical recessed luminaires for the interior, we now offer tailor-made solutions for demanding lighting applications. The majority of this is "Made in Germany" or finished in Germany, taking into account high quality standards.

Design-oriented wall and ceiling lights as well as pendant and profiled luminaires, in combination with our proven VARDAflex LED strips for direct and indirect or integrated lighting solutions into the room, give architects, lighting and electrical planners numerous possibilities for the individual implementation of their lighting tasks. In addition, many other products complement our new program. For example, you will now also find special light colors for the food sector or an exceptionally robust and homogeneously radiant, linear recessed floor lamp for outdoor use.

We are very pleased to be able to present all these and other interesting LED solutions to you in our completely new catalogue, the first edition of rutec Projekt GmbH.

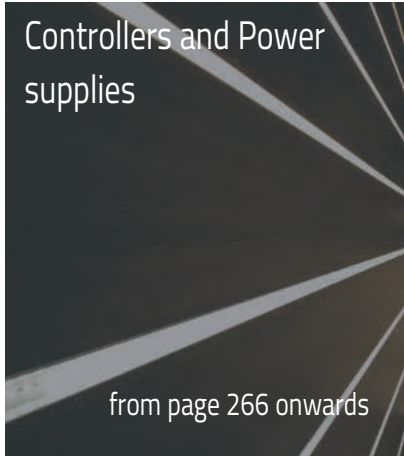
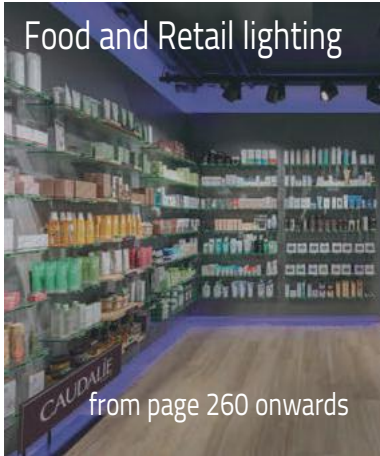
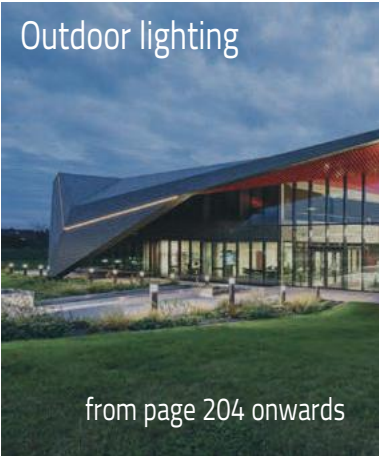
We hope you enjoy!

The team of rutec Projekt GmbH

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A black and white photograph of three people standing in a modern interior space with exposed wooden beams on the ceiling. On the left, a man in a dark short-sleeved shirt and glasses holds a brochure titled 'LICHT KATALOG 2021 / DER FÜR DIE RUTEC-DESIGNWELT'. In the center, a man with glasses and a goatee, wearing a light-colored shirt and a dark blazer, smiles. On the right, a woman in a dark blazer and glasses on her head holds a clipboard. The background shows a dining area with a table and chairs.

We are rutec **Projekt.**





Our **promise:**

Was ist Innovation?

• Was es vorher nicht gegeben •

• Wiederverwendbarkeit • • • • •

• Nachhaltigkeit • • • • • "Green" • • • • •

• Das ist ein Problem etwas Neues

• Social Responsibility

• Emotional

• Professional

• ...





We are
competent and **experienced,**





special knowledge...





... and **joy**
to realize projects!



A black and white photograph of a person's hand holding a long, thin, dark object against a brick wall. The hand is on the left side of the frame, and the object extends horizontally across the middle. The background is a brick wall with a grid pattern. The text is overlaid on the upper part of the image.

Our inhouse **technical support team**
likes to help and is available...

A black and white photograph of an office desk. In the foreground, a potted plant with long, thin, variegated leaves hangs over the desk. On the desk, there is a computer monitor displaying a landscape image of a person on a beach, a keyboard, and a coiled telephone cord. The text "... as well as the sales team." is overlaid on the lower left portion of the image.

... as well as the
sales team.







Our various products
are **unique,**



SYSTEM

12.48
0.697
0.000
4.9998

EVERFINE 远方

WY

精密数字直流稳压电源/DIGITAL CC&CV DC POWER SUPPLY

电流/CURRENT(A)

0.0000

电压/VOLTAGE(V)

POWER

REMOTE

DISPLAY SETTING

DISPLAY ON/OFF

电流调节 CURRENT ADJUST

电压调节 VOLTAGE ADJUST

ADJUST

COARSE

MIDDLE

FINE

OUTPUT

ALARM

RESET

SET LOCK

CHARGING

CHARGE

DISCHARGE

DISCHARGE

HAAS-1200 精密快速光谱辐射计
ACCURATE ARRAY SPECTROMETER

EVERFINE 远方

专利设计 Patents Pending

杭州远方光电信息股份有限公司/EVERFINE PHOTO-E-INFO CO., LTD.

PEKTRON Coating
Integrating Sphere

A black and white photograph of a man with a beard and glasses, wearing a dark button-down shirt. He is looking intently at a large, light-colored circular object on the left side of the frame. His right hand is resting on a metal handle or latch of the object. The background shows a modern office environment with glass partitions and a door. The text "will be deeply checked," is overlaid on the image, with "checked," in a bold, orange font.

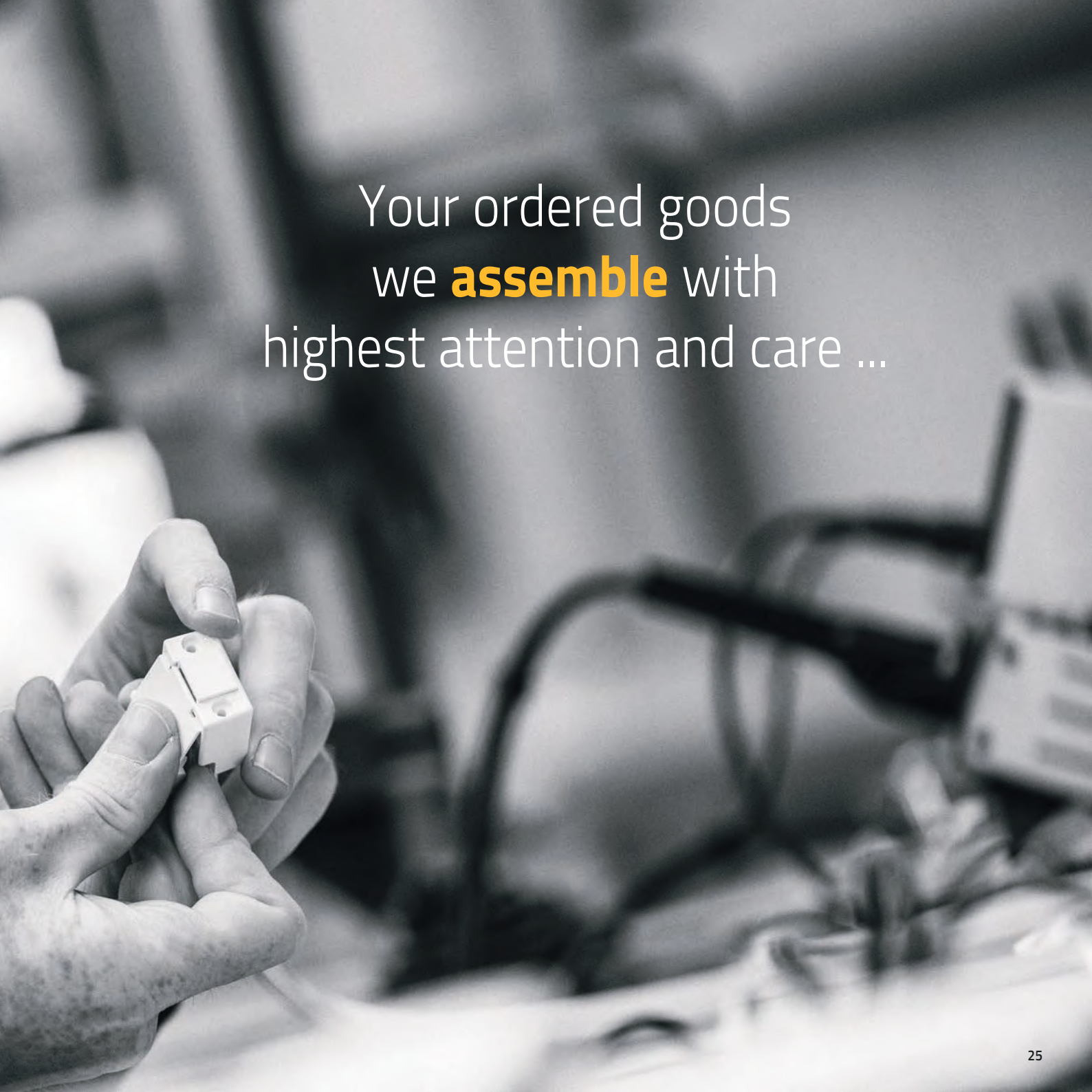
will be deeply
checked,



... and are **longterm** QC checked.

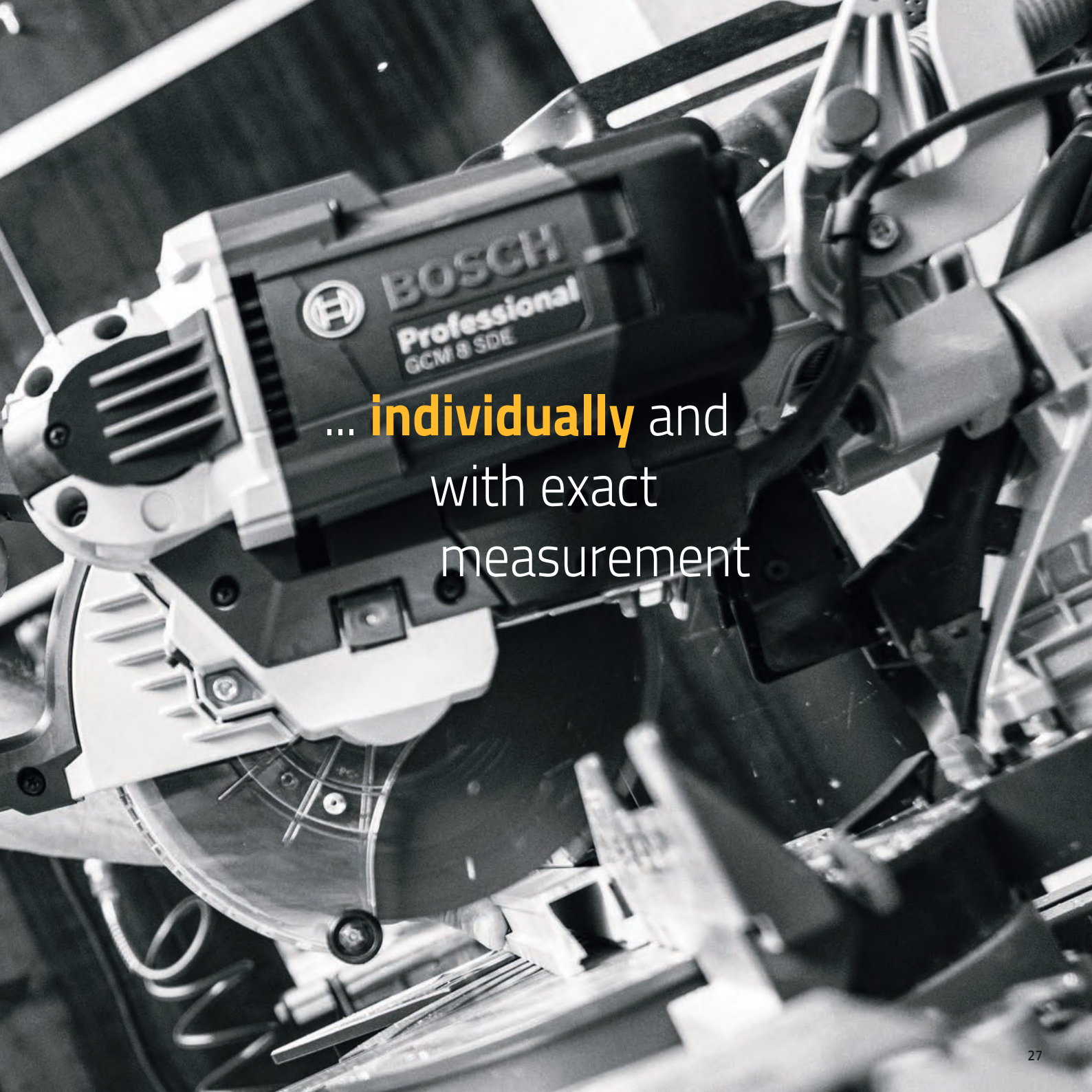






Your ordered goods
we **assemble** with
highest attention and care ...





... **individually** and
with exact
measurement



... and because of our huge stock,
we are able to **deliver quick, on-time.**





A black and white photograph of a person's silhouette in the foreground, looking out a window with horizontal blinds. The person is holding a folder or book. The text is overlaid on the left side of the image.

Only **one** question
is left:



What can we
do for you?





A grayscale photograph of a modern interior space, likely a lounge or bar. In the foreground, there is a white, slatted wooden bench with a white cushion. To the right, a wall features a decorative, wavy, textured pattern. In the background, a bar area is visible with several pendant lights hanging from the ceiling. The ceiling itself has recessed lighting and a circular light fixture. The overall atmosphere is contemporary and minimalist.

Decorative lighting fixtures

Ring pendent fixtures

Ceiling and pendent lighting fixtures

Ceiling and wall lighting fixtures

Ceiling spot lights

LED panels

Floor lighting fixtures





Ring pendent fixtures

IP20

230 V

Light colour:
3000 K

CRI 80

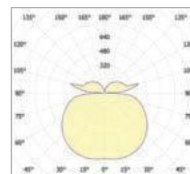
Ø x H
515 x 53 mm
770 x 53 mm
1055 x 53 mm

CORMA

Ring pendent fixtures, steel and aluminum, frosted polycarbonate cover. Two lighting directions. DALI and CASAMBI types available.

- aluminum and steel profile powder coated, individual RAL colour possible
- frosted polycarbonate
- suspension steel wire 3000 mm, length adjustable
- three diameters with and without power supply box
- other types available on special request

For fixtures without power supply box, the power supplies must be put in the ceiling.



Type	Dimension mm	Light flux lm	Power W	Colour RAL	Article no.
CORMA-515 ring light DALI canopy	Ø 515 x 53	4608	46.1	9010	PBE001-9010
CORMA-515 ring light DALI canopy	Ø 515 x 53	4608	46.1	9006	PBE001-9006
CORMA-515 ring light CASAMBI canopy	Ø 515 x 53	4608	46.1	9010	PBE002-9010
CORMA-515 ring light CASAMBI canopy	Ø 515 x 53	4608	46.1	9006	PBE002-9006
CORMA-515 ring light DALI	Ø 515 x 53	4608	46.1	9010	PBE021-9010
CORMA-515 ring light DALI	Ø 515 x 53	4608	46.1	9006	PBE021-9006
CORMA-515 ring light CASAMBI	Ø 515 x 53	4608	46.1	9010	PBE022-9010
CORMA-515 ring light CASAMBI	Ø 515 x 53	4608	46.1	9006	PBE022-9006
CORMA-770 ring light DALI canopy	Ø 770 x 53	6909	69.2	9010	PBE003-9010
CORMA-770 ring light DALI canopy	Ø 770 x 53	6909	69.2	9006	PBE003-9006
CORMA-770 ring light CASAMBI canopy	Ø 770 x 53	6909	69.2	9010	PBE004-9010
CORMA-770 ring light CASAMBI canopy	Ø 770 x 53	6909	69.2	9006	PBE004-9006
CORMA-770 ring light DALI	Ø 770 x 53	6909	69.2	9010	PBE023-9010
CORMA-770 ring light DALI	Ø 770 x 53	6909	69.2	9006	PBE023-9006
CORMA-770 ring light CASAMBI	Ø 770 x 53	6909	69.2	9010	PBE024-9010
CORMA-770 ring light CASAMBI	Ø 770 x 53	6909	69.2	9006	PBE024-9006
CORMA-1055 ring light DALI canopy	Ø 1055 x 53	9504	95.1	9010	PBE005-9010
CORMA-1055 ring light DALI canopy	Ø 1055 x 53	9504	95.1	9006	PBE005-9006
CORMA-1055 ring light CASAMBI canopy	Ø 1055 x 53	9504	95.1	9010	PBE006-9010
CORMA-1055 ring light CASAMBI canopy	Ø 1055 x 53	9504	95.1	9006	PBE006-9006
CORMA-1055 ring light DALI	Ø 1055 x 53	9504	95.1	9010	PBE025-9010
CORMA-1055 ring light DALI	Ø 1055 x 53	9504	95.1	9006	PBE025-9006
CORMA-1055 ring light CASAMBI	Ø 1055 x 53	9504	95.1	9010	PBE026-9010
CORMA-1055 ring light CASAMBI	Ø 1055 x 53	9504	95.1	9006	PBE026-9006





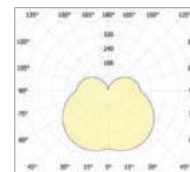


AULE

Ring pendant fixtures, steel and aluminum, frosted polycarbonate cover.
Two lighting directions. DALI and CASAMBI types available.

- aluminum and steel profile powder coated, individual RAL colour possible
- frosted polycarbonate
- suspension steel wire 3000 mm, length adjustable
- three diameters with and without power supply box
- other types available on special request

For fixtures without power supply box,
the power supplies must be put in the ceiling.



Type	Dimension mm	Light flux lm	Power W	Colour RAL	Article no.
AULE-515 ring light DALI canopy	Ø 515 x 53	2617	37.5	9010	PBE007-9010
AULE-515 ring light DALI canopy	Ø 515 x 53	2617	37.5	9006	PBE007-9006
AULE-515 ring light CASAMBI canopy	Ø 515 x 53	2617	37.5	9010	PBE008-9010
AULE-515 ring light CASAMBI canopy	Ø 515 x 53	2617	37.5	9006	PBE008-9006
AULE-515 ring light DALI	Ø 515 x 53	2617	37.5	9010	PBE027-9010
AULE-515 ring light DALI	Ø 515 x 53	2617	37.5	9006	PBE027-9006
AULE-515 ring light CASAMBI	Ø 515 x 53	2617	37.5	9010	PBE028-9010
AULE-515 ring light CASAMBI	Ø 515 x 53	2617	57.6	9006	PBE028-9006
AULE-740 ring light DALI canopy	Ø 740 x 53	4026	57.6	9010	PBE009-9010
AULE-740 ring light DALI canopy	Ø 740 x 53	4026	57.6	9006	PBE009-9006
AULE-740 ring light CASAMBI canopy	Ø 740 x 53	4026	57.6	9010	PBE010-9010
AULE-740 ring light CASAMBI canopy	Ø 740 x 53	4026	57.6	9006	PBE010-9006
AULE-740 ring light DALI	Ø 740 x 53	4026	57.6	9010	PBE029-9010
AULE-740 ring light DALI	Ø 740 x 53	4026	57.6	9006	PBE029-9006
AULE-740 ring light CASAMBI	Ø 740 x 53	4026	57.6	9010	PBE030-9010
AULE-740 ring light CASAMBI	Ø 740 x 53	4026	83.6	9006	PBE030-9006
AULE-1025 ring light DALI canopy	Ø 1025 x 53	5838	83.6	9010	PBE011-9010
AULE-1025 ring light DALI canopy	Ø 1025 x 53	5838	83.6	9006	PBE011-9006
AULE-1025 ring light CASAMBI canopy	Ø 1025 x 53	5838	83.6	9010	PBE012-9010
AULE-1025 ring light CASAMBI canopy	Ø 1025 x 53	5838	83.6	9006	PBE012-9006
AULE-1025 ring light DALI	Ø 1025 x 53	5838	83.6	9010	PBE031-9010
AULE-1025 ring light DALI	Ø 1025 x 53	5838	83.6	9006	PBE031-9006
AULE-1025 ring light CASAMBI	Ø 1025 x 53	5838	83.6	9010	PBE032-9010
AULE-1025 ring light CASAMBI	Ø 1025 x 53	5838	83.6	9006	PBE032-9006

IP20

230 V

Light colour:
3000 K

CRI 80

Ø x H
515 x 53 mm
740 x 53 mm
1025 x 53 mm





Ceiling and pendant lighting fixtures

IP20

56 W
230 V

Light colour:
3000 and 4000 K

CRI 90

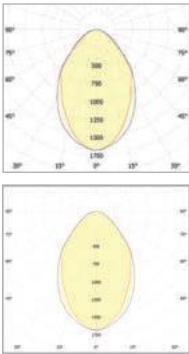
L x B x H
1185 x 50 x 35 mm

TEIGLIN

Ceiling and pendent fixtures, anodized aluminum, frosted polycarbonate cover.
Direct light. also available with prismatic cover - UGR<19, according to EN 12464-1..

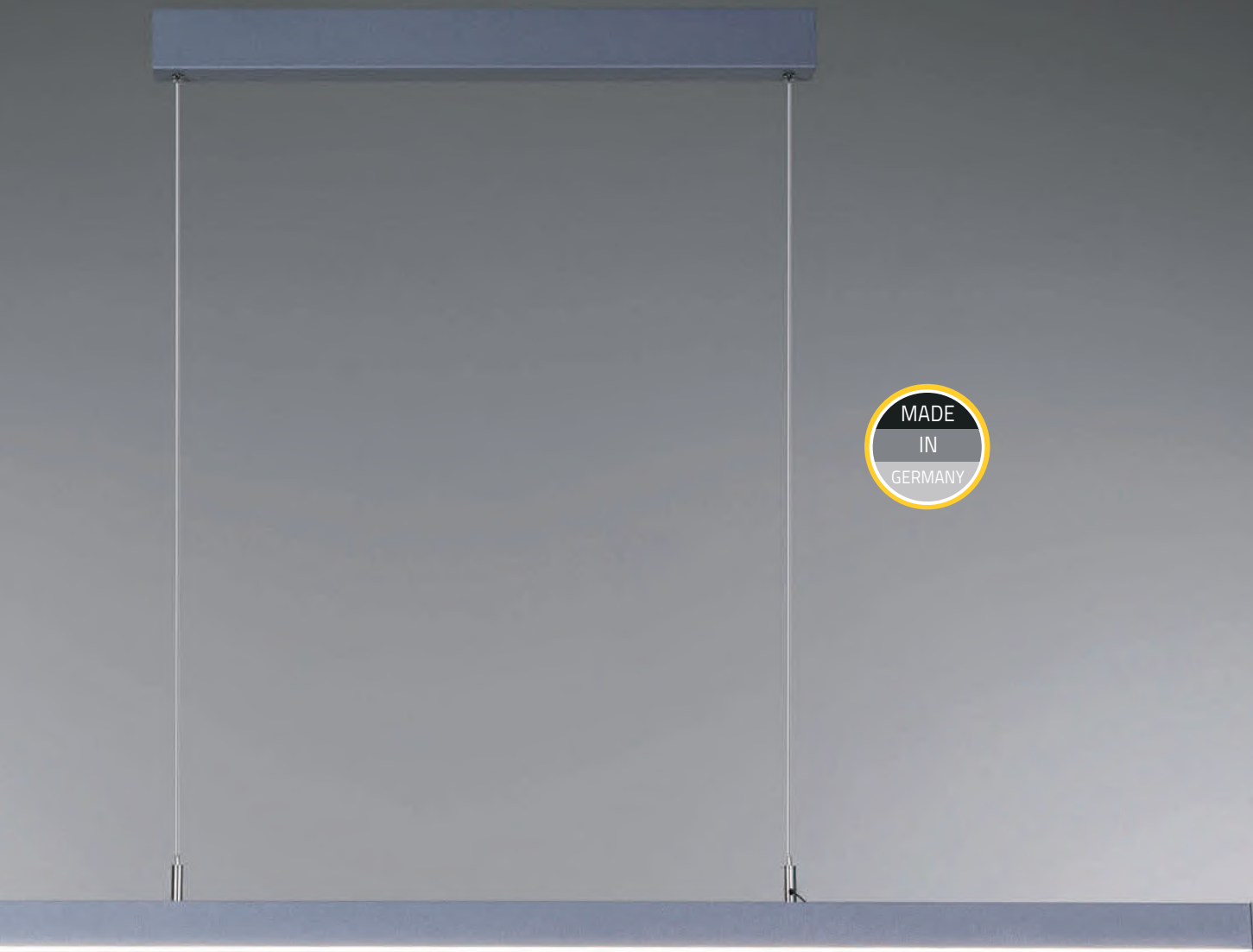
- housing: anodized aluminum
- RAL9006 powder coated, individual RAL colour possible
- frosted polycarbonate cover, also available with prismatic cover - UGR<19
- suspension steel wire 3000 mm, length adjustable
- including power supply on/off, AC and DC. Dimmable power supplies possible
- TEIGLIN P- including power supply box and suspension steel wire 2000 mm
- TEIGLIN A also available with collar profile for fixation inside the ceiling

For fixtures without power supply box, the power supplies must be put in the ceiling.



UGR<19

Type	Light colour K	Light flux lm	Colour RAL	Article no.
TEIGLIN A ceiling and wall mounting lamp	3000	3478	9006	PBA003-9006FS-M
TEIGLIN A ceiling and wall mounting lamp	4000	3495	9006	PBA004-9006FS-M
TEIGLIN P pendant lamp including canopy	3000	3478	9006	PBA013-9006FS-M
TEIGLIN P pendant lamp including canopy	4000	3495	9006	PBA014-9006FS-M
UGR < 19 version	-	-	-	PBA209



IP20

33 W
230 V

Light colour:
3000 and 4000 K

CRI 80

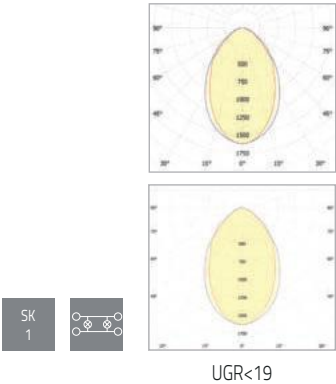
L x B x H
1170 x 50 x 75 mm

IRIMA

Ceiling and pendent fixtures, anodized aluminum, frosted polycarbonate cover.
Direct light. also available with prismatic cover - UGR<19, according to
EN 12464-1..

- housing: anodised aluminum
- RAL 9006, powder coated, individual RAL colour possible
- frosted polycarbonate cover, also available with prismatic cover - UGR<19
- including power supply on/off, suitable for emergency power, dimmable power supply possible
- IRIMA P - including power supply box and suspension steel wire 2000 mm

For fixtures without power supply box, the power supplies must be put in the ceiling.



Type	Light colour K	Light flux lm	Colour RAL	Article no.
IRIMA A surface-mounted luminaire including ceiling junction box	3000	3354	9006	PBA103-9006FS-M
IRIMA A surface-mounted luminaire including ceiling junction box	4000	3498	9006	PBA104-9006FS-M
IRIMA P pendant lamp including canopy	3000	3354	9006	PBA113-9006FS-M
IRIMA P pendant lamp including canopy	4000	3498	9006	PBA114-9006FS-M
UGR < 19 version	-	-	-	PBA209



IP20

27,4 W
230 V

Light colour:
3000 and 4000 K

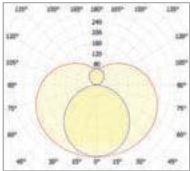
CRI 80

L x Ø
1200 x 60 mm

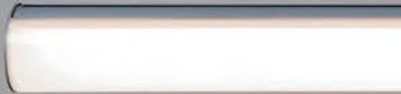
RINDA

Ceiling and pendent fixtures, anodized aluminum, frosted polycarbonate cover.
Direct light.

- housing: anodized aluminum
- RAL9006 powder coated, individual RAL colour possible
- frosted polycarbonate cover
- including power supply on/off. Dimmable power supplies possible
- including power supply box and suspension steel wire 2000 mm



Type	Light colour K	Light flux lm	Article no.
RINDA pendant lamp including canopy	3000	1806	PFE225
RINDA pendant lamp including canopy	4000	1734	PFE226









Ceiling and wall lighting fixtures



ASCAR wall and ceiling fixture



IP20

230 V

Light colour:
3000 and 4000 K

CRI 80

On/Off or
DALI

IP20
230 V
Light colour: 3000 and 4000 K
CRI 80
On/Off or DALI variant

ASCAR Ceiling- and Wall-Fixture
Ø 335 mm, 435 mm, 620 mm, 845 mm



Round Ceiling- and Wall-Fixture. Frosted polycarbonate cover with colour ring outside.
Also slightly indirect light at the back. Housing: steel, powder coated.

With separate mounting accessories, it is also possible as a pendent fixture.

- special polycarbonate cover with outside colour ring
- homogeneous lighting
- easy installation, no tools needed
- safety class I
- on/off or DALI
- in 8 different colours



Type	Connection	Light colour K	Watt	Light flux lm	Article no. black	Article no. white
Ø 335 x 70 mm	on/off	3000	16	1700	PBE101	PBE117
Ø 335 x 70 mm	on/off	4000	16	1850	PBE102	PBE118
Ø 335 x 70 mm	DALI	3000	16	1700	PBE103	PBE119
Ø 335 x 70 mm	DALI	4000	16	1850	PBE104	PBE120
Ø 435 x 70 mm	on/off	3000	27	2900	PBE105	PBE121
Ø 435 x 70 mm	on/off	4000	27	2950	PBE106	PBE122
Ø 435 x 70 mm	DALI	3000	27	2900	PBE107	PBE123
Ø 435 x 70 mm	DALI	4000	27	2950	PBE108	PBE124
Ø 620 x 70 mm	on/off	3000	55	6500	PBE109	PBE125
Ø 620 x 70 mm	on/off	4000	55	6800	PBE110	PBE126
Ø 620 x 70 mm	DALI	3000	55	6500	PBE111	PBE127
Ø 620 x 70 mm	DALI	4000	55	6800	PBE112	PBE128
Ø 845 x 70 mm	on/off	3000	97	10750	PBE113	PBE129
Ø 845 x 70 mm	on/off	4000	97	12000	PBE114	PBE130
Ø 845 x 70 mm	DALI	3000	97	10750	PBE115	PBE131
Ø 845 x 70 mm	DALI	4000	97	12000	PBE116	PBE132



IP20

230 V

Light colour:
3000 and 4000 K

CRI 80

On/Off or
DALI variant



Article no.
grey



Article no.
red



Article no.
blue



Article no.
yellow



Article no.
green



Article no.
orange

PBE133	PBE149	PBE165	PBE181	PBE197	PBE213
PBE134	PBE150	PBE166	PBE182	PBE198	PBE214
PBE135	PBE151	PBE167	PBE183	PBE199	PBE215
PBE136	PBE152	PBE168	PBE184	PBE200	PBE216
PBE137	PBE153	PBE169	PBE185	PBE201	PBE217
PBE138	PBE154	PBE170	PBE186	PBE202	PBE218
PBE139	PBE155	PBE171	PBE187	PBE203	PBE219
PBE140	PBE156	PBE172	PBE188	PBE204	PBE220
PBE141	PBE157	PBE173	PBE189	PBE205	PBE221
PBE142	PBE158	PBE174	PBE190	PBE206	PBE222
PBE143	PBE159	PBE175	PBE191	PBE207	PBE223
PBE144	PBE160	PBE176	PBE192	PBE208	PBE224
PBE145	PBE161	PBE177	PBE193	PBE209	PBE225
PBE146	PBE162	PBE178	PBE194	PBE210	PBE226
PBE147	PBE163	PBE179	PBE195	PBE211	PBE227
PBE148	PBE164	PBE180	PBE196	PBE212	PBE228

IP20

6 W
230 V

Light colour:
3000 K

CRI 80



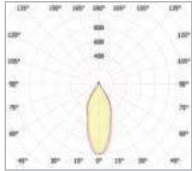
MELIMAR

Diecast aluminum housing
for installation at ceiling, indoor.

- front ring adjustable
- beam angle 36°
- housing powder coated
- including power supply CC on/off



Type	Light flux lm	Dimension mm	Article no.
MELIMAR COB LED surface mounted downlight, circular	629	ø 90 x 95	PEG510WW
MELIMAR COB LED surface mounted downlight, square	550	90 x 90 x 95	PEG520WW





IP20

6 W
230 V

Light colour:
3000 K

CRI 85

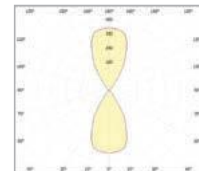
LEGOLIN

Up- and downlight, real glass

- symmetric illumination
- integrated power supplies
- wall fixation housing, brushed stainless steel
- cylinder, opal or black glass with golden inside



Type	Light flux lm	Colour	Dimension mm	Article no.
LEGOLIN wall fixture, square, glass, on/off	600	frosted white	120 x 80 x 130	PBE301
LEGOLIN wall fixture, circular, glass, on/off	600	frosted white	L 140 x Ø 120	PBE302
LEGOLIN wall fixture, circular, glass, on/off	600	black/gold	L 140 x Ø 120	PBE303





Ceiling spot lights



CORU & VANYA
just what you need
for your application





IP20

7 / 9 Watt
350 / 500 mA

Light colour:
2700, 3000,
4000, 5000 K

CRI 90
CRI 95

CORU-50K Series
Individual complete ceiling light

One, two or three fold diecast aluminum frame, powder coated in white colour. Inner part for module fixation black powder coated, cardanic tilting system with direct light. Various accessories for individual customized spot light. Will be delivered from our factory according to your choice.

- one, two or three fold types
- 350° turnable and 15° tiltable
- LED modules with high CRI in different powers, light colours and beam angles
- optical accessories available
- CC converters 350/500 mA not included.
Please choose on page 269
- any combination as complete fixture available



CORU-50K recessed downlight

PEG501



PEG502



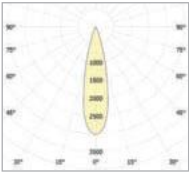
PEG503



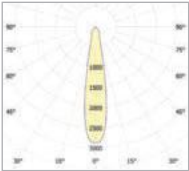
Type	Dimension mm (L x W x H)	Shape	Coulor Housing	Article no.
CORU-50K LED spot light, 1-fold, cardanic	84 x 84 x 38	square	white	PEG501
CORU-50K LED spot light, 2-fold, cardanic	164 x 84 x 38	rectangular	white	PEG502
CORU-50K LED spot light, 3-fold, cardanic	244 x 84 x 38	rectangular	white	PEG503

LED power modules CORU-50

PEG101
7 Watt



PEG106
9 Watt



Light colour K	Light flux lm	Power W /mA	CRI	Beam angle °	Article no.
2700	560	7/350	90	17	PEG101
3000	577	7/350	95	17	PEG102
2700	560	7/350	90	36	PEG103
3000	577	7/350	95	36	PEG104
4000	605	7/350	95	36	PEG105
3000	800	9/500	95	17	PEG106
4000	840	9/500	95	17	PEG107
5000	864	9/500	90	17	PEG108
3000	800	9/500	95	36	PEG109
4000	840	9/500	95	36	PEG110
5000	864	9/500	90	36	PEG111

Optical accessories CORU-50

PEG201



PEG203



PEG204



PEG206



Accessories	Article no.
CORU-50 ring for glass or honey comb	PEG201
CORU-50 frosted glass	PEG203
CORU-50 honey comb	PEG204
CORU-50 antiglare cylinder	PEG206

IP20

31 Watt
900 mA

Light colour:
3000,
4000, 5000 K

CRI 90

CORU-80 Series

Individual complete ceiling light

One, two or three fold diecast aluminum frame, powder coated in white colour. Inner part for module fixation black powder coated. cardanic tilting system with direct light. Various accessories for individual customized spot light. Will be delivered from our factory according to your choice.

- one, two or three fold types
- 350° turnable and 15° tiltable
- LED modules with high CRI in different powers, light colours and beam angles
- optical accessories available
- CC converters not included. Please choose on page 269
- any combination as complete fixture available

CORU-80 recessed downlight

PEG504



PEG505



PEG506



Type	Dimension mm (L x W x H)	Shape	Housing colour	Article no.
CORU-80 K LED spot light, 1-fold, cardanic	140 x 140 x 77	square	white	PEG504
CORU-80 K LED spot light, 2-fold, cardanic	257 x 140 x 77	rectangular	white	PEG505
CORU-80 K LED spot light, 3-fold, cardanic	374 x 140 x 77	rectangular	white	PEG506
CORU-80 KLED spot light, 1-fold, cardanic	ø 130 x 37	circular	white	PEG507
CORU-80 K LED spot light, 1-fold, cardanic	ø 130 x 37	circular	black	PEG508
CORU-80 LED spot light, 1-fold, cardanic, movable	ø 163 x 46	circular	white	PEG509
CORU-80 LED spot light, 1-fold, cardanic, movable	ø 163 x 46	circular	black	PEG510

CORU-80 LED spot lights

PEG507



PEG508



PEG509



PEG510

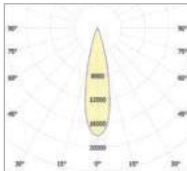


LED power modules CORU-80

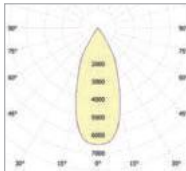
PEG120



Beam angle 17°



Beam angle 40°



Type	Light flux lm	Light colour K	Beam angle °	Article no.
CORU-80 Power LED module	3347	3000	40	PEG120
CORU-80 Power LED module	3498	4000	40	PEG121
CORU-80 Power LED module	3655	5000	40	PEG122
CORU-80 Power LED module	3347	3000	17	PEG123
CORU-80 Power LED module	3498	4000	17	PEG124
CORU-80 Power LED module	3655	5000	17	PEG125

IP20

31 Watt
900 mA

Light colour:
3000,
4000, 5000 K

CRI 90

IP20

7 / 9 Watt
350 / 500 mA

Light colour:
2700, 3000,
4000, 5000 K

CRI 90
CRI 95

Installation only in
false ceilings

VANYA

Individual ceiling spot light

One, two or three fold diecast aluminum frame, powder coated in white or black colour. cardanic tilting system with direct light. Various accessories for individual customized spot light. Will be delivered from our factory according to your choice.

- one, two or three fold types
- tiltable in all directions
- LED modules with high CRI in different powers, light colours and beam angles
- CC converters not included.
Please choose on page 269
- any combination as complete fixture available



VANYA

PEE711



PEE712



PEE721



PEE722



PEE731



PEE732



Type	Dimension mm (L x W x H)	Shape	Housing colour	Article no.
VANYA diecast aluminum spot light, 1-fold	150 x 91 x 45	square	white	PEE711
VANYA diecast aluminum spot light, 1-fold	150 x 91 x 45	square	black	PEE712
VANYA diecast aluminum spot light, 2-fold	236 x 91 x 45	rectangular	white	PEE721
VANYA diecast aluminum spot light, 2-fold	236 x 91 x 45	rectangular	black	PEE722
VANYA diecast aluminum spot light, 3-fold	319 x 91 x 45	rectangular	white	PEE731
VANYA diecast aluminum spot light, 3-fold	319 x 91 x 45	rectangular	black	PEE732

IP20

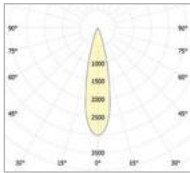
7 / 9 Watt
350 / 500 mA

Light colour:
2700, 3000,
4000, 5000 K

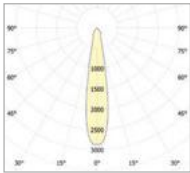
CRI 90
CRI 95

LED power modules

PEG101
7 Watt



PEG106
9 Watt



Light colour K	Light flux lm	Power W /mA	CRI	Beam angle °	Article no.
2700	560	7/350	90	17	PEG101
3000	577	7/350	95	17	PEG102
2700	560	7/350	90	36	PEG103
3000	577	7/350	95	36	PEG104
4000	605	7/350	95	36	PEG105
3000	800	9/500	95	17	PEG106
4000	840	9/500	95	17	PEG107
5000	864	9/500	90	17	PEG108
3000	800	9/500	95	36	PEG109
4000	840	9/500	95	36	PEG110
5000	864	9/500	90	36	PEG111

IP40

7 Watt
350 mA

Light colour:
2700, 3000,
4000 K

CRI 90

Outer Ø
82 mm


68 mm

Depth:
60 mm

Temperature range
-20° to +50°C



BÂN, round

Aluminum diecast ceiling spot light , very flat with integrated LED, front glass and glass reflector. Movable. Various light- and housing colors available.

- application: emphasizing light
- reflector 25° movable with front glass
- drivers 350 mA on page269

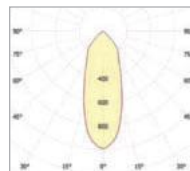
	Light colour K	Light flux lm	Housing colour	Article no.
BÂN COB LED recessed downlight	2700	620	white	PEG351UWWOK
BÂN COB LED recessed downlight	3000	640	white	PEG351WWOK
BÂN COB LED recessed downlight	4000	672	white	PEG351NWOK
BÂN COB LED recessed downlight	2700	620	black	PEG352UWWOK
BÂN COB LED recessed downlight	2700	620	chrome	PEG354UWWOK
BÂN COB LED recessed downlight	2700	620	brushed iron	PEG355UWWOK
BÂN COB LED recessed downlight	3000	640	brushed iron	PEG355WWOK
BÂN COB LED recessed downlight	4000	672	brushed iron	PEG355NWOK
BÂN COB LED recessed downlight	2700	620	chrome matt	PEG359UWWOK
BÂN COB LED recessed downlight	2700	620	V4A	PEG350WWOK



PEG359



PEG355





Hotel & Restaurant Zum Mühlensteich Neubruchhausen, Photo: Stefanie Bornhoff

IP40

7 Watt
350 mA

Light colour:
2700, 3000,
4000 K

CRI 90

Outer dimension:
82 x 82 mm

68 mm

Depth:
60 mm

Temperature range
-20° to +50°C

BÂN, square

Aluminum diecast Ceiling Spot Light , very flat with integrated LED, front glass and Glass reflector. Movable. Various light- and housing colors available.

- application: emphasizing light
- reflector 25° movable with front glass
- drivers 350 mA on page269

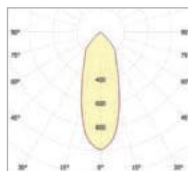
	Light colour K	Light flux lm	Housing colour	Article no.
BÂN COB LED recessed downlight	2700	620	white	PEC351UWWOK
BÂN COB LED recessed downlight	3000	640	white	PEC351WWOK
BÂN COB LED recessed downlight	4000	672	white	PEC351NWOK
BÂN COB LED recessed downlight	2700	620	black	PEC352UWWOK
BÂN COB LED recessed downlight	2700	620	chrome	PEC354UWWOK
BÂN COB LED recessed downlight	2700	620	brushed iron	PEC355UWWOK
BÂN COB LED recessed downlight	3000	640	brushed iron	PEC355WWOK
BÂN COB LED recessed downlight	4000	672	brushed iron	PEC355NWOK
BÂN COB LED recessed downlight	2700	620	chrome matt	PEC359UWWOK



PEC359



PEC355



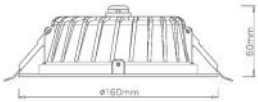
IP44
Light colour: 3000 K
CRI 80
Outer Ø see table
 see table
Depth: 70 mm
Temperature range -20° to +50°C



SILMA

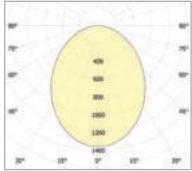
Aluminum diecast celing downlight , very flat with integrated LED, opal white front glass. Fixed. Four sizes and powers.

- application: room light
- fixed, with opal white front glass
- front ring white
- drivers on page 269



PDH310

Type	Dimension mm (Ø x H)	Cut hole mm	Light flux lm	Operating current mA	Article no.
SILMA SMD LED recessed downlight 10 W	ø 160 x 60	135	999	300	PDH310
SILMA SMD LED recessed downlight 20 W	ø 205 x 60	180	2014	500	PDH320
SILMA SMD LED recessed downlight 25 W	ø 220 x 60	200	2654	600	PDH325
SILMA SMD LED recessed downlight 30 W	ø 255 x 60	235	3125	700	PDH330





IP40

Light colour:
3000 + 4000 K

CRI 80

Outer Ø
see table


see table

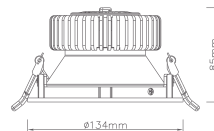
Depth:
95/110/120/
145 mm

Temperature range
-20° to +50°C

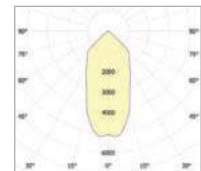
NINQITA

Aluminum diecast ceiling spot light , very flat with integrated LED, front glass and glass reflector. Four sizes and powers.

- application: room light
- fixed, with clear front glass
- front ring white
- drivers on page 269



Type	Light colour K	Dimension mm (Ø x H)	Cut hole mm	Light flux lm	Operating current mA	Article no.
NINQITA COB LED recessed downlight 15 W	3000	Ø 134 x 85	125	1504	400	PDZ151
NINQITA COB LED recessed downlight 25 W	3000	Ø 160 x 98	125	3030	700	PDZ251
NINQITA COB LED recessed downlight 35 W	3000	Ø 180 x 110	140	3594	900	PDZ351
NINQITA COB LED recessed downlight 50 W	3000	Ø 205 x 135	140	5069	1200	PDZ501
NINQITA COB LED recessed downlight 15 W	4000	Ø 134 x 85	160	1610	400	PDA151
NINQITA COB LED recessed downlight 25 W	4000	Ø 160 x 98	160	3150	700	PDA251
NINQITA COB LED recessed downlight 35 W	4000	Ø 180 x 110	185	3700	900	PDA351
NINQITA COB LED recessed downlight 50 W	4000	Ø 205 x 135	185	5180	1200	PDA501



IP40
20 Watt 500 mA
Light colour: 3000 K
CRI 80
Outer dimension: Ø 116 mm 116 x 116 mm
 105 mm
Depth: 110 mm
Temperature range -20° to +50°C



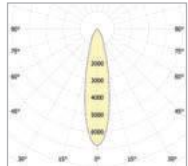
GLIN

Aluminum diecast ceiling downlight with integrated LED, front glass and aluminum reflector. Movable. Round and square in colours white and silver.

- movable downlight
- powerful, emphasizing light
- 15° movable with front glass
- drivers 500 mA on page 269



Type	Dimension mm (L x W x H)	Housing colour	Light flux lm	Article no.
GLIN COB LED recessed downlight, circular	Ø 116 x 95	white	1968	PEH801WWOK
GLIN COB LED recessed downlight, circular	Ø 116 x 95	silver	1968	PEH809WWOK
GLIN COB LED recessed downlight, square	116 x 116 x 95	white	1968	PEH811WWOK
GLIN COB LED recessed downlight, square	116 x 116 x 95	silver	1968	PEH819WWOK





Hotel & Restaurant Zum Mühlenreich, Neubruchhausen, Photo: Stefanie Bornhoff

IP20

8 Watt
350 mA

Light colour:
2700, 3000 +
4000K

CRI 80

Outer Ø
82 mm


68 mm

Depth:
60 mm

Temperature range
0° to +50°C

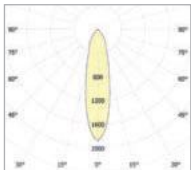
HYELLE

Glass ceiling spot light with integrated LED, front glass and glass reflector. Fixed. Various light-colors available. Glass housing in frosted white or marmorized

- application: emphasizing and basic light
- fixed with front glass
- drivers 350 mA on page 269



Type	Light colour K	Housing colour	Light flux lm	Article no.
HYELLE 8 W COB LED glass recessed downlight	2700	matted white	600	PEG850UWWOK
HYELLE 8 W COB LED glass recessed downlight	3000	matted white	638	PEG850WWOK
HYELLE 8 W COB LED glass recessed downlight	4000	matted white	682	PEG850NWOK
HYELLE 8 W COB LED glass recessed downlight	2700	marble	600	PEG851UWWOK
HYELLE 8 W COB LED glass recessed downlight	3000	marble	638	PEG851WWOK
HYELLE 8 W COB LED glass recessed downlight	4000	marble	682	PEG851NWOK



IP20
8 Watt 350 mA
Light colour: 2700 K
CRI 90
Outer dimension: Ø 110 mm 100 x100 mm
 92 mm
Depth: 55 mm
Temperature range 0° to +40° C



Ramada Hotel, Mülheim, Photo: Stefanie Bombloff

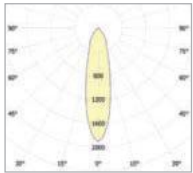
RINCA

Aluminum diecast ceiling downlight with integrated LED, front glass and glass reflector. Movable - cardanic. Round and square in colors white and iron brush.

- application: emphasizing and basic light
- cardanic system on back side, 40° movable and 360° turnable.
- drivers 350 mA on page 269



Type	Light colour K	Dimension mm (L x W x H)	Housing colour	Light flux lm	Article no.
RINCA COB LED recessed downlight, square	2700	100 x100 x 55	white	694	PEG671UWWOK
RINCA COB LED recessed downlight, square	2700	100 x100 x 55	brushed iron	694	PEG675UWWOK
RINCA COB LED recessed downlight, circular	2700	Ø 100 x 55	white	694	PEG681UWWOK
RINCA COB LED recessed downlight, circular	2700	Ø 100 x 55	brushed iron	694	PEG685UWWOK





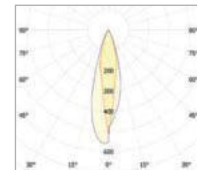
MENTE

Aluminum diecast ceiling light point with integrated LED and optical lense. Movable. Light color 3000 K. Round and square. Housing color - white.

- application: emphasizing light
- 3000 K
- COB LED light point
- drivers 350 mA on page 269



Type	Light colour K	Dimension mm (L x W x H)	Housing colour	Light flux lm	Article no.
MENTE COB LED light points, circular	3000	Ø 52 x 18	white	126	PEG861WW
MENTE COB LED light points, square	3000	52 x 52 x 18	white	126	PEG871WW



IP20

1 Watt
350 mA

Light colour:
3000 K

CRI 80

Outer dimension:
Ø 52 mm
52 x 52 mm

44 mm

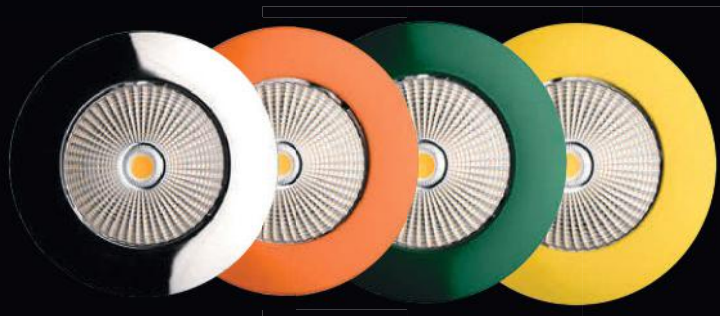
Depth:
28 mm

Temperature range
0° to +40°C



CALINA COB LED spot light

Adapts itself!



IP54
13 Watt 350 mA
Light colour: DTW, 3000 K
CRI 90
Outer dimension: Ø 110 x 67 mm
 81 mm
Depth: 70 mm
Temperature range -20° to +40°C



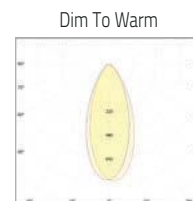
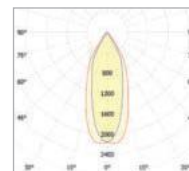
CALINA

Aluminum diecast ceiling spot light with integrated LED, front glass and aluminum reflector. Light color 3000 K and Dim To Warm (3000-2000 K). Front ring in 15 different colors, including copper and real gold.

- application: wet environment and outdoor
- front ring easily changeable in various colors
- 3000 K
- drivers on page 269



Type	Light colour K	Housing colour	Light flux lm	Article no.
CALINA COB LED recessed downlight, DTW	3000 - 2000	white	546	PEG891DTWOK
CALINA COB LED recessed downlight	3000	white	1000	PEG891WWOK
CALINA COB LED recessed downlight DTW	3000 - 2000	brushed iron	546	PEG895DTWOK
CALINA COB LED recessed downlight	3000	brushed iron	1000	PEG895WWOK



Options of front rings, order separately

ring	colour code RAL	material	Article no.
	red 3000	diecast	PEG050
	yellow 1018	diecast	PEG051
	blue 5010	diecast	PEG052
	green 6029	diecast	PEG053
	gold	diecast	PEG054
	V4A high polished	V4 A	PEG055
	copper	copper	PEG056
	chrome	diecast	PEG057

ring	colour code RAL	material	Article no.
	brown 8011	diecast	PEG058
	matted chrome	diecast	PEG059
	real gold 24K	gold	PEG060
	violet 4006	diecast	PEG061
	orange 2003	diecast	PEG062
	white RAL9010	diecast	PEG063
	brushed iron	diecast	PEG064

IP55
8 Watt 350 mA
Light colour: 3000 K
CRI 90
Outer dimension: Ø 82 x 44 mm
 68 mm
Depth: 55 mm
Temperature range -20° to +40°C



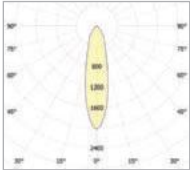
CIRDAN

SUS316 stainless steel ceiling downlight with integrated LED, front glass and glass reflector. Fixed. Light color 3000 K. Housing in white and stainless steel.

- application: wet environments and outdoor, IP55
- fixed
- 3000 K
- drivers 350 mA on page 269



Type	Housing colour	Light flux lm	Article no.
CIRDAN COB LED recessed downlight, circular	white	738	PEG691WWOK
CIRDAN COB LED recessed downlight, circular	V4A	738	PEG69V4AWWOK





IP55

8 Watt
350 mA

Light colour:
3000 K

CRI 80

Outer dimension:
82 x 82 x 44 mm


68 mm

Depth:
55 mm

Temperature range
-20° to +40° C

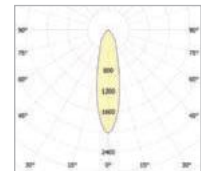
CIRDAN

SUS316 stainless steel ceiling downlight with integrated LED, front glass and glass reflector. Fixed. Light color 3000 K. Housing in white and stainless steel.

- application: wet environments and outdoor, IP55
- fixed
- 3000 K
- drivers 350 mA on page 269



Type	Housing colour	Light flux lm	Article no.
CIRDAN COB LED recessed downlight, square	white	738	PEG661WWOK
CIRDAN COB LED recessed downlight, square	V4A	738	PEG66V4AWWOK



LED panels





IP40

38 / 40 Watt
200-240 V

Light colour:
3000, 4000 K
3000-6000 K

CRI 80 / 90

External dimension:
620 x 620 x 10 mm

Temperature range
-20° to +40°C

LED panel

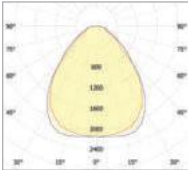
Aluminium frame with micro-prismatic cover. Available with 3000 K, 4000 K and tunable white (3000-6000 K). Optional mounting pendulum set or mounting bracket for plasterboard ceiling. On/off, DALI or Casambi.

- 120 lm/W
- AC 200-240 V / 50-60 Hz
- lifetime L70: 50,000 hours
- mounting frame or mounting bracket for plasterboard ceiling available
- micro-prismatic cover
- UGR<19 (comply with EN1264-1)



Type	Light colour K	Power W	Light flux lm	CRI	Article no.
LED panel 620 x 620 mm on/off UGR<19	3000	40	4500	80	PBZ001
LED panel 620 x 620 mm on/off UGR<19	4000	40	4800	80	PBZ002
LED panel 620 x 620 mm on/off UGR<19	4000	40	4340	90	PBZ003
LED panel 620 x 620 mm TW DALI DT8 UGR<19	3000-6000	38	4200	80	PBZ004
LED panel 620 x 620 mm TW Casambi UGR<19	3000-6000	38	4100	80	PBZ005

Type	Dimension mm	Article no.
assembly frame, white	625 x 625 x 43	PBZ101
installation frame, white	637 x 637 x 25	PBZ102
LED dimmable ballast, DALI2, Dip-switch	103 x 68 x 30	PBZ103
Tridonic LED on/off ballast	160 x 82 x 34	PBZ104
Tridonic LED ballast, on/off DC compatible	215 x 70 x 31	PBZ105
Tridonic LED ballast, dimmable, DALI DT6, etc.	215 x 70 x 31	PBZ106
Tridonic LED ballast, dimmable, Casambi, etc	210 x 43 x 30	PBZ107





Floor lighting fixtures





IP20
11/2 Watt 230 V mA
Light colour: 3000 K
CRI 80
Outer dimension: 270 x 270 x 1885 mm
Temperature range -20° to +40°C



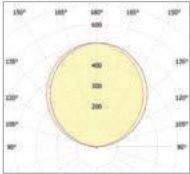
SORNA

LED floor lamp with ceiling washlight of 1480 lm (11 W), dimmable and optionally reading light 270 lm (total 13 W) in 3000 K/ Direct /indirect illumination, independent operation, meet photobiological safety class RGO according to DIN-EN-62471, 2200 mm connecting cable with plug transformer.

- 100 lm/W
- AC 100-240 V / 50-60 Hz
- lifetime L70: 50,000 hours
- in RAL 7021



Type	Power W	Light flux lm	Article no.
SORNA LED floor lamp, dimmable, direct/indirect, black	11/2	1480/270	PBA505-7021FS
SORNA LED floor lamp, dimmable, indirect, black	11	1480	PBA506-7021FS





IP20
80 Watt (30/50) 230 V
Light colour: 3000 + 4000 K
CRI 80
Outer dimension: 610 x 310 x 1950 mm
Weight: 14.5 kg



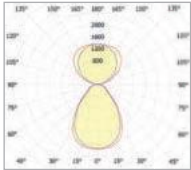
BRONWE

LED floor lamp On/Off - direct/indirect. Aluminum housing with microprismatic-cover friendly optics. Control gear: On/Off with touch-dim function. Surface powdered silver FS or of your choice for an extra cost. Including cable with length 2000 mm, Schuko connector

- 100 lm/W
- AC 100-240 V / 50-60 Hz
- lifespan L70: 50,000 hours
- cover micro-prismatic (screen-friendly according to EN 12464-1)

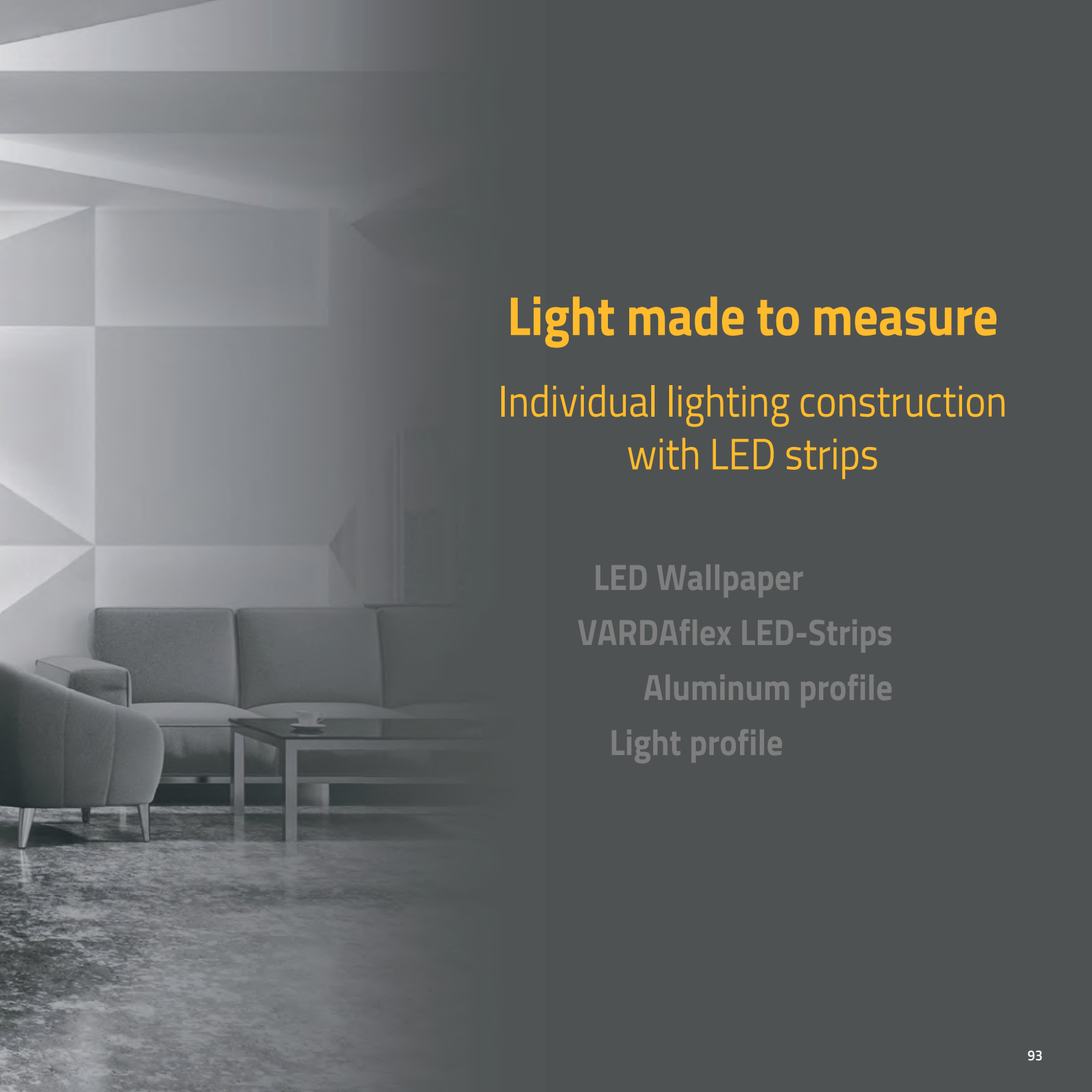


Type	Light colour K	Power W	Light flux lm	Article no.
BRONWE LED floor lamp, on/off, direct/indirect, ALU	3000	30 / 50	8000	PBZ200
BRONWE LED floor lamp, on/off, direct/indirect, ALU	4000	30 / 50	8000	PBZ201







A modern interior space featuring a wall with a complex, geometric, faceted design. The wall is composed of various shades of gray and white, creating a dynamic, three-dimensional effect. In the foreground, a dark gray, modular sofa is positioned against the wall. A low, dark coffee table sits in front of the sofa. The floor is a light, textured material, possibly concrete or stone. The overall atmosphere is minimalist and architectural.

Light made to measure

Individual lighting construction
with LED strips

LED Wallpaper

VARDAflex LED-Strips

Aluminum profile

Light profile

LED Wallpaper





IP20

36 W
24 V DC

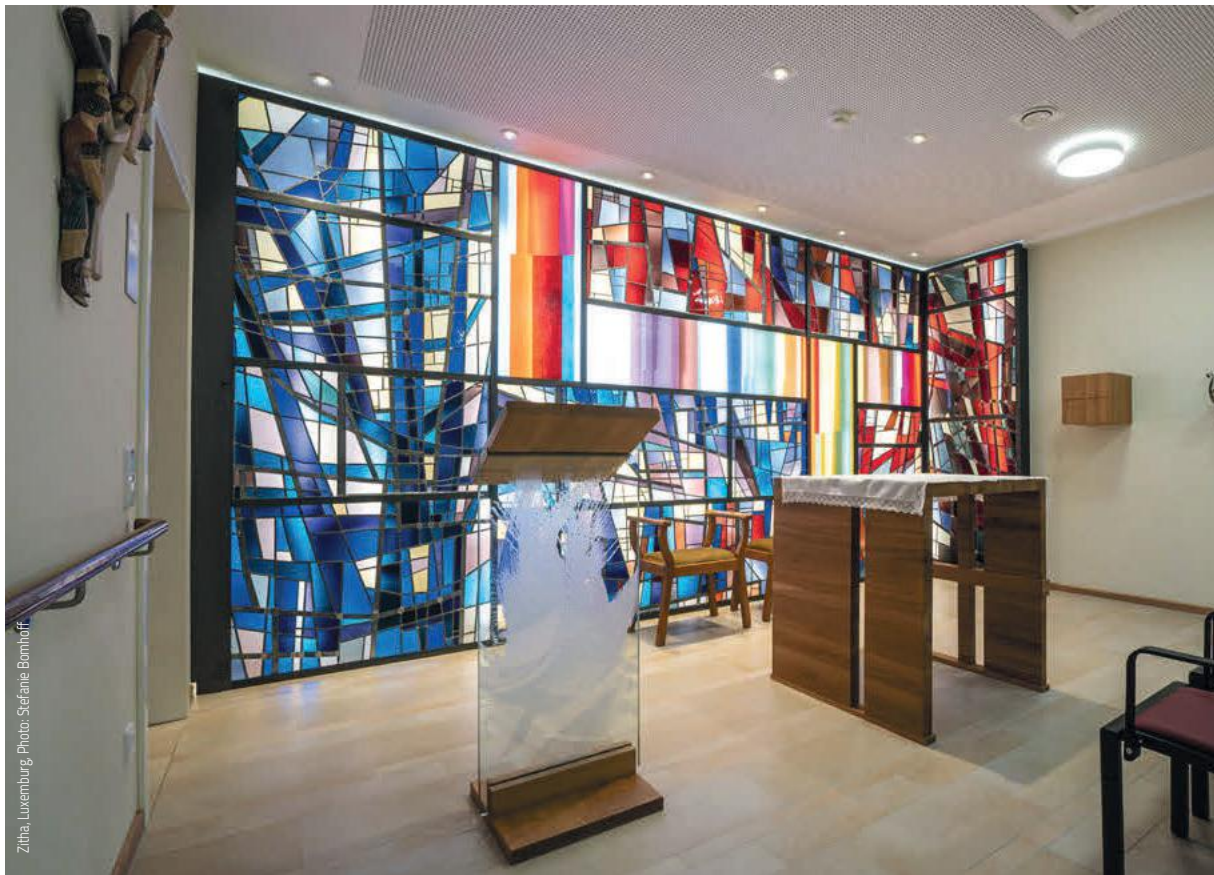
✕
48 mm
1 LED

CRI 90

L x W x H:
480 x
240 x 6.5 mm

self-adhesive
back

Temperature range
-20° to +60°C



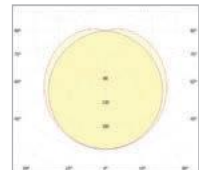
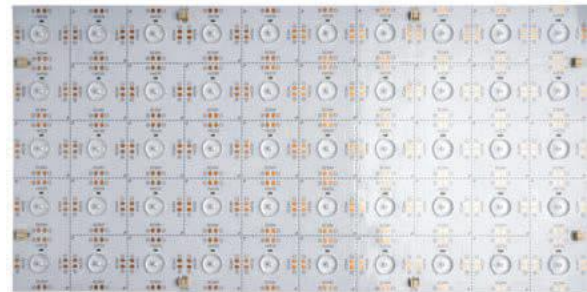
Zitha, Luxemburg, Photo: Stefanie Bomhoff

VARDAFLEX Wallpaper Backlite

- for full surface backlighting
- each LED is divisible (except in feeder segments)
- flexible shapes can be implemented

Light colour	Light flux lm	Article no.
2700 K	2634	PCF007
3000 K	2715	PCF005
4000 K	2858	PCF008
6000 K	3008	PCF004

operating devices see page 268 ff



SK
3





Hotel & Restaurant Zum Wühlentich, Neubrückhausen, Photo: Stefanie Bomhoff

IP20

120 W
24 V DC

≈
26.67 mm
2 LED

CRI 95

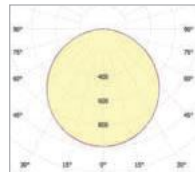
L x W x H:
480 x
240 x 3 mm

self-adhesive
back

Temperature range:
-20° to +45°C

VARDAFLEX Wallpaper Select (Tunable White)

- for full surface backlighting
- each LED is divisible (except in feeder segments)
- flexible shapes can be implemented



SK
3



Light colour

Light flux
lm

Article
no.

6000 - 2700 K (Tunable White)

4662

PCF408

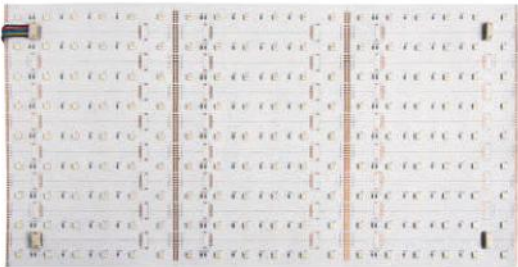
operating devices see page 268 ff

IP20
50 W 24 V DC
✕ 166.67 x 26.11 mm 6 LED
CRI 80
L x W x H: 500 x 235 x 6.1 mm
self-adhesive back
Temperature range: -20° to +45°C



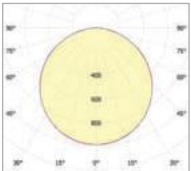
VARDAFLEX Wallpaper 4inOne

- for full surface backlighting
- every 6 LEDs is divisible (except in feeder segments)
- flexible shapes can be implemented



Light colour	Light flux lm	Article no.
RGBWW (3000 K)	2600	PCF306

operating devices see page 268 ff





IP20

115 W
24 V DC

✂
240 x 20 mm
12 LED

CRI 80

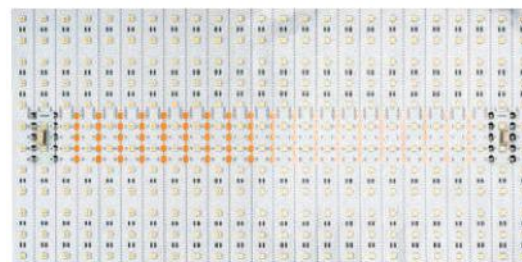
L x W x H:
480 x
240 x 6.5 mm

self-adhesive
back

Temperature range:
-20° to +60°C

VARDAFLEX Wallpaper 4inOne-Power (RGBW)

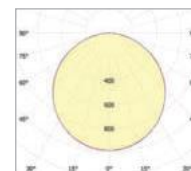
- for full surface backlighting
- every 12 LEDs is divisible (except in feeder segments)
- flexible shapes can be implemented



Light colour	Light flux lm	Article no.
RGBW (3000 K)	6370	PCF309

operating devices see page 268 ff

SK
3



**Natural stone design
for VARDAflex Wallpaper**





quartz, white with golden leaves



quartz, white



smoky quartz



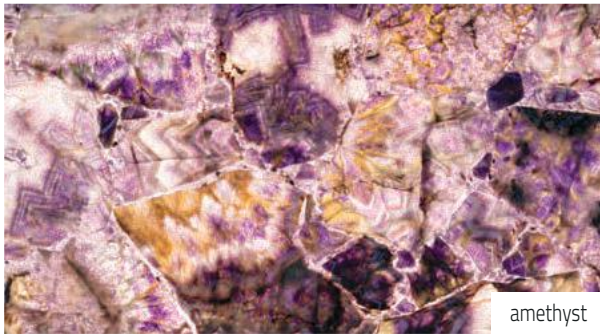
quartz, pink

Design element for VARDAflex Wallpaper

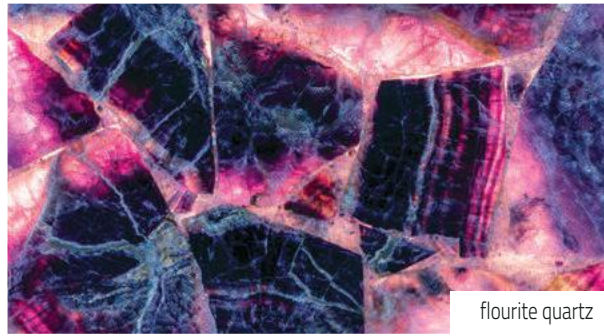
- for indoor and outdoor use
- polished
- standard size: 480 x 220 x 20 mm - other sizes available on request
- weight depending on the version 5-8 kg

Type	Article no.
design element, amethyst, purple/white	PCFAME
design element, coral, white/gray/brown/light blue	PCFCFO*
design element, fluorite quartz, purple/violet/green	PCFFLQ
design element, emerald, green/red	PCFGRE*
design element, labradorite, green/gray/brown	PCFLAB*
design element, agate, blue/pink/yellow/gray/brown/green/purple	PCFMOA*
design element, quartz, pink	PCFPIQ
design element, smoky quartz, gray/brown	PCFSMQ
design element, sodalite, white/blue/light blue	PCFSOD*
design element, quartz, white with golden veins	PCFWGL
design element, quartz, white	PCFWQU

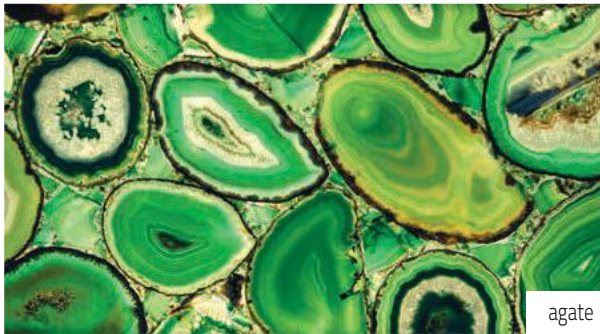
Natural stone is subject to fluctuations in colour. Thinly cut natural stone - adaptable to individual customer requirements.
Suitable for reception areas or counters. Please supplement the desired lighting with VARDAflex wallpaper.
5 mm Natural Stone + 15 mm Glass



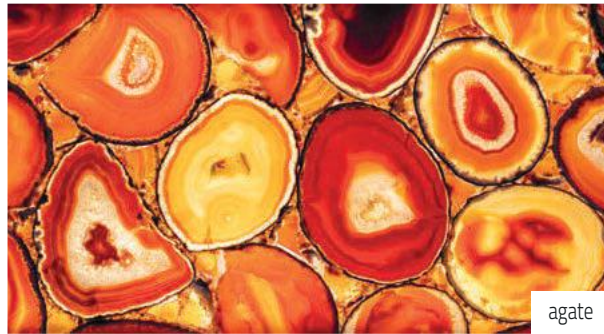
amethyst



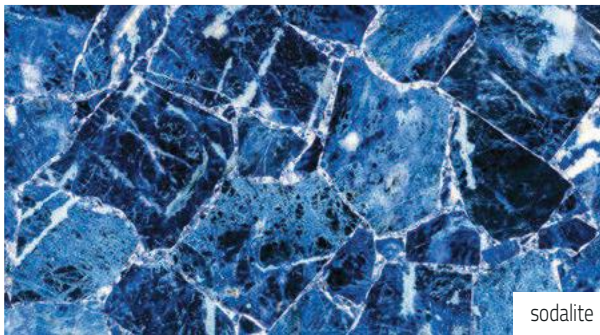
fluorite quartz



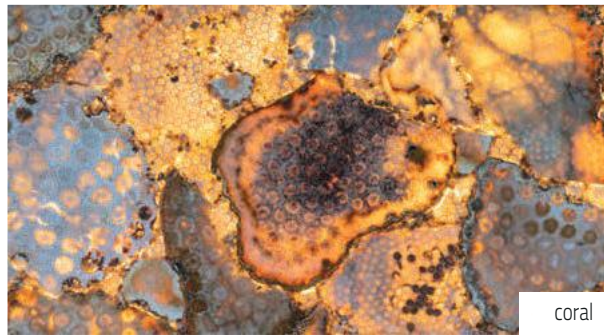
agate



agate



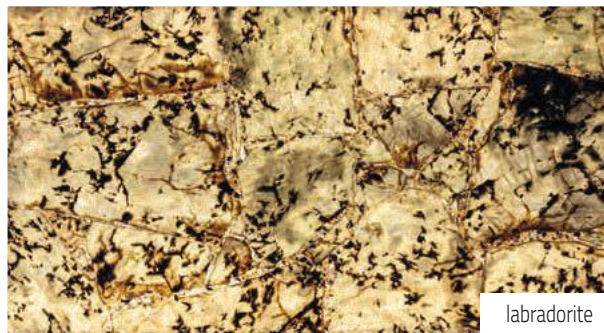
sodalite



coral



emerald



labradorite





VARDAflex LED strips

COB - continuous, homogeneous light line for direct lighting





Photo: Stefanie Bommhoff

IP20

7 W/m
24 V DC

✂
62.5 mm
32 LEDs

CRI 90

L x W x H:
5000 x
8 x 2 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX COB

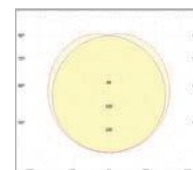
- accent and additional lighting
- no profile necessary
- unanimous light source without led spot



Light colour	Light flux lm/m	Article no.
2200 K	600	PHA332
2700 K	639	PHA337
3000 K	666	PHA335
4000 K	699	PHA338

accessories see page 162 ff, operating devices see 268 ff

SK
3



COB

Eco-7 series

excellent colour rendering - CRI 90

efficiency same as standard range



Schützenhof Jaderberg, Photo: Stefanie Bombhoff

IP20

4.8 W/m
24 V DC

≈
100 mm
7 LEDs

CRI 90

L x W x H:
5000 x
8 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C

VARDAFLEX Eco-7

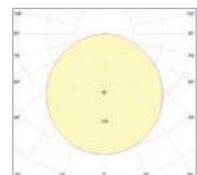
- accent lighting
- no profile necessary
- all rounder



Light colour	Light flux lm/m	Article no.
1800 K	315	PGI401
2200 K	358	PGI402
2700 K	441	PGI407
3000 K	481	PGI405
4000 K	497	PGI408
6000 K	527	PGI404

accessories see page 162 ff, operating devices see 268 ff

SK
3



Eco-7 series

IP20
9,6 W/m 24 V DC
⊗ 50 mm 7 LEDs
CRI 90
L x W x H: 5000 x 8 x 1,5 mm
self-adhesive back
Temperature range: -20° to +45°C



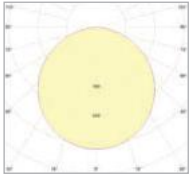
VARDAFLEX Eco-7 Plus

- accent and additional lighting
- no profile necessary
- all rounder



Light colour	Light flux lm/m	Article no.
1800 K	688	PGL431
2200 K	782	PGL432
2700 K	874	PGL437
3000 K	965	PGL435
4000 K	986	PGL438
6000 K	1070	PGL434

accessories see page 162 ff, operating devices see 268 ff





Vienna Wellness- und Fitnesscenter, Photo: Stefanie Bombhoff

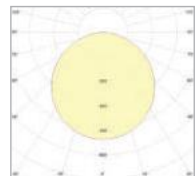
VARDAFLEX Eco-7 Plus Profi

- addition to basic lighting
- no profile necessary
- all rounder



Light colour	Light flux lm/m	Article no.
1800 K	980	PGI441
2200 K	1122	PGI442
2700 K	1233	PGI447
3000 K	1270	PGI445
4000 K	1334	PGI448
6000 K	1397	PGI444

accessories see page 162 ff, operating devices see 268 ff



IP20

14.4 W/m
24 V DC

≈
50 mm
7 LEDs

CRI 90

L x W x H:
5000 x
8 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45° C

IP20

19,2 W/m
24 V DC

✂
33.33 mm
7 LEDs

CRI 90

L x W x H:
5000 x
8 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C



Hotel Merklingsburg, Installateur Kai Schütze, Photo: Stefanie Bomhoff

VARDAFLEX Eco-7 Double

- basic lighting
- aluminum profile required
- powerful all rounder



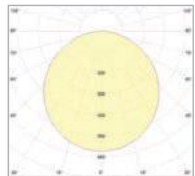
Light colour	Light flux lm/m	Article no.
1800 K	1290	PGI461
2200 K	1467	PGI462
2700 K	1615	PGI467
3000 K	1667	PGI465
4000 K	1790	PGI468
6000 K	1863	PGI464

accessories see page 162 ff, operating devices see 268 ff

SK
3



Aluprofil
nötig





Superior series

excellent colour rendering - CRI 98

for all applications where excellent colour rendering is demanded



Photo: Ingrid Fiebak Photography - ADA

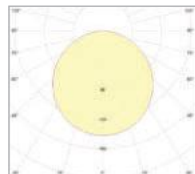
VARDAFLEX Superior

- accent lighting
- no profile necessary
- well suited for light favour
- excellent colour rendering



Light colour	Light flux lm/m	Article no.
2700 K	401	PGI417
3000 K	413	PGI415
4000 K	429	PGI418

accessories see page 162 ff, operating devices see 268 ff



IP20

4.8 W/m
24 V DC

✂
100 mm
6 LEDs

CRI 98

L x W x H:
5000 x
8 x 1.4 mm

self-adhesive
back

Temperature range:
-20° to +40° C

IP20
4.8 W/m 24 V DC
✕ 100 mm 6 LEDs
CRI 98
L x W x H: 25000 x 10 x 1.6 mm
self-adhesive back
Temperature range: -20° to +45°C



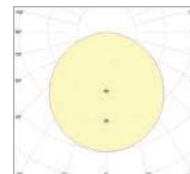
VARDAFLEX Superior Reach25

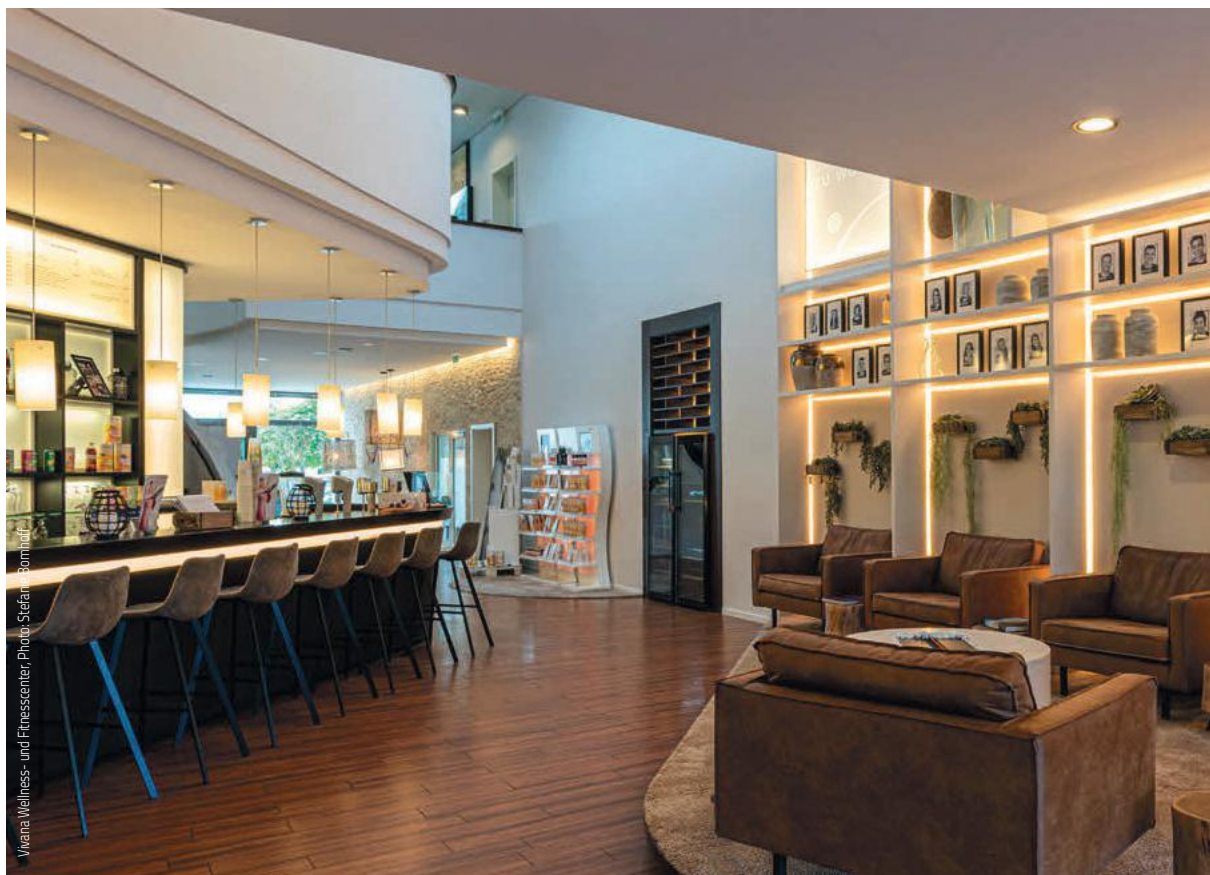
- accent Lighting
- 25 m with a feed-in
- constant current with IC module
- design for high quality shop lighting
- excellent colour rendering



Light colour	Light flux lm/m	Article no.
2400 K	336	PGI312
2700 K	350	PGI317
3000 K	354	PGI315
4000 K	367	PGI318

accessories see page 162 ff, operating devices see 268 ff





Vienna Wellness- und Fitnesscenter, Photo: Stefan Bommert

IP20

9,6 W/m
24 V DC

✕
50 mm
6 LEDs

CRI 98

L x W x H:
5000 x
8 x 1,4 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX Superior Plus

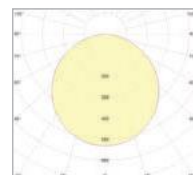
- additional lighting
- no profile necessary
- design for high quality shop lighting
- excellent colour rendering



Light colour	Light flux lm/m	Article no.
2400 K	755	PGI142
2700 K	795	PGI147
3000 K	819	PGI145
4000 K	843	PGI148

accessories see page 162 ff, operating devices see 268 ff

SK
3



Superior series

IP20
12.5 W/m 24 V DC
✕ 125 mm 8 LEDs
CRI 98
L x W x H: 5000 x 12 x 1.6 mm
self-adhesive back
Temperature range: -20° to +45°C



Ratskeller, Bremen, Photo: Stefanie Bornhoff

VARDAFLEX Superior Photon Plus Profi

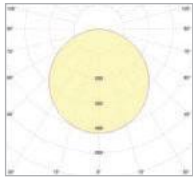
- additional lighting
- no profile necessary
- constant current with IC module
- design for high quality shop lighting
- excellent colour rendering



Superior series

Light colour	Light flux lm/m	Article no.
2700 K	1188	PGI157
3000 K	1225	PGI155
4000 K	1286	PGI158

accessories see page 162 ff, operating devices see 268 ff





Squashzentrum, Aclim Photo: Stefanie Bombhoff

IP20

14,4 W/m
24 V DC

≈
33.33 mm
6 LEDs

CRI 98

L x W x H:
5000 x
8 x 1.4 mm

self-adhesive
back

Temperature range:
-20° to +45°C

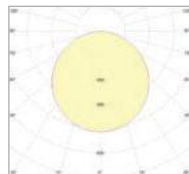
VARDAFLEX Superior Plus Profi

- additional lighting
- no profile necessary
- design for high quality shop lighting
- excellent colour rendering



Light colour	Light flux lm/m	Article no.
2400 K	1096	PGI132
2700 K	1150	PGI137
3000 K	1200	PGI135
4000 K	1219	PGI138

accessories see page 162 ff, operating devices see 268 ff



Superior series

IP20
14.4 W/m 24 V DC
✂ 83.33 mm 5 LEDs
CRI 98
L x W x H: 10000 x 10 x 1.6 mm
self-adhesive back
Temperature range: -20° to +45°C



Dr. Wolff, Bielefeld, Photo: Stefan Bönhoff

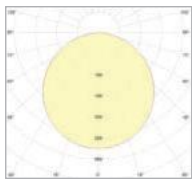
VARDALFLEX Superior Plus Profi Reach10

- additional lighting
- no profile necessary
- 10 m with one feed
- design for high quality shop lighting
- excellent colour rendering



Light colour	Light flux lm/m	Article no.
2400 K	773	PGI322
2700 K	790	PGI327
3000 K	800	PGI325
4000 K	823	PGI328

accessories see page 162 ff, operating devices see 268 ff



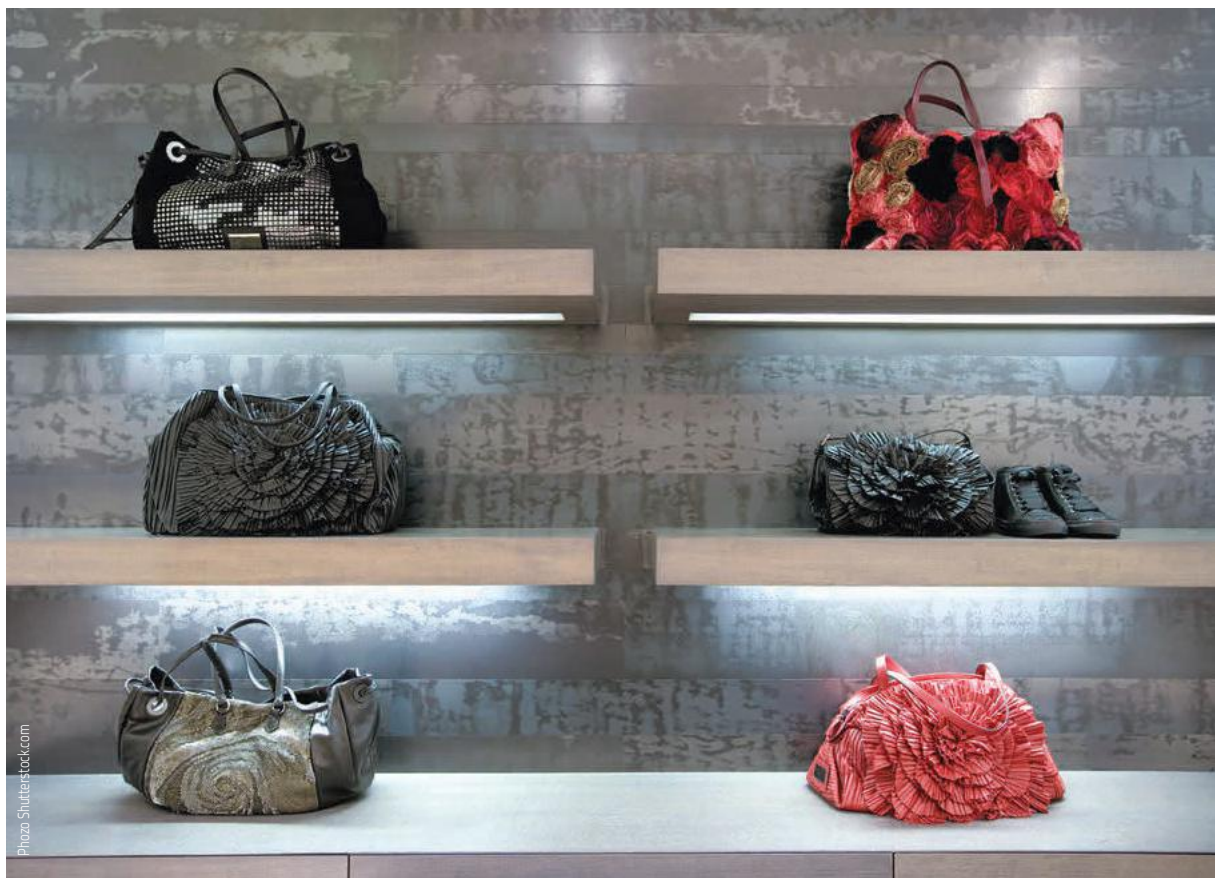


Photo Shutterstock.com

VARDAFLEX Superior Double Narrow

- basic lighting
- aluminum profile required
- design for high quality shop lighting
- excellent colour rendering



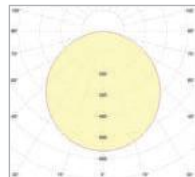
Light colour	Light flux lm/m	Article no.
2400 K	1541	PGI422
2700 K	1590	PGI427
3000 K	1640	PGI425
4000 K	1722	PGI428

accessories see page 162 ff, operating devices see 268 ff

SK
3



Aluprofil
notig



IP20

19.2 W/m
24 V DC

✂
14.28 mm
6 LEDs

CRI 98

L x W x H:
5000 x
10 x 1.3 mm

self-adhesive
back

Temperature range:
-20° to +45° C

IP20
23 W/m 24 V DC
✕ 62,5 mm 8 LEDs
CRI 98
L x W x H: 5000 x 12 x 1,6 mm
self-adhesive back
Temperature range: -20° to +45°C



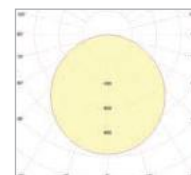
VARDAFLEX Superior Photon High Economic

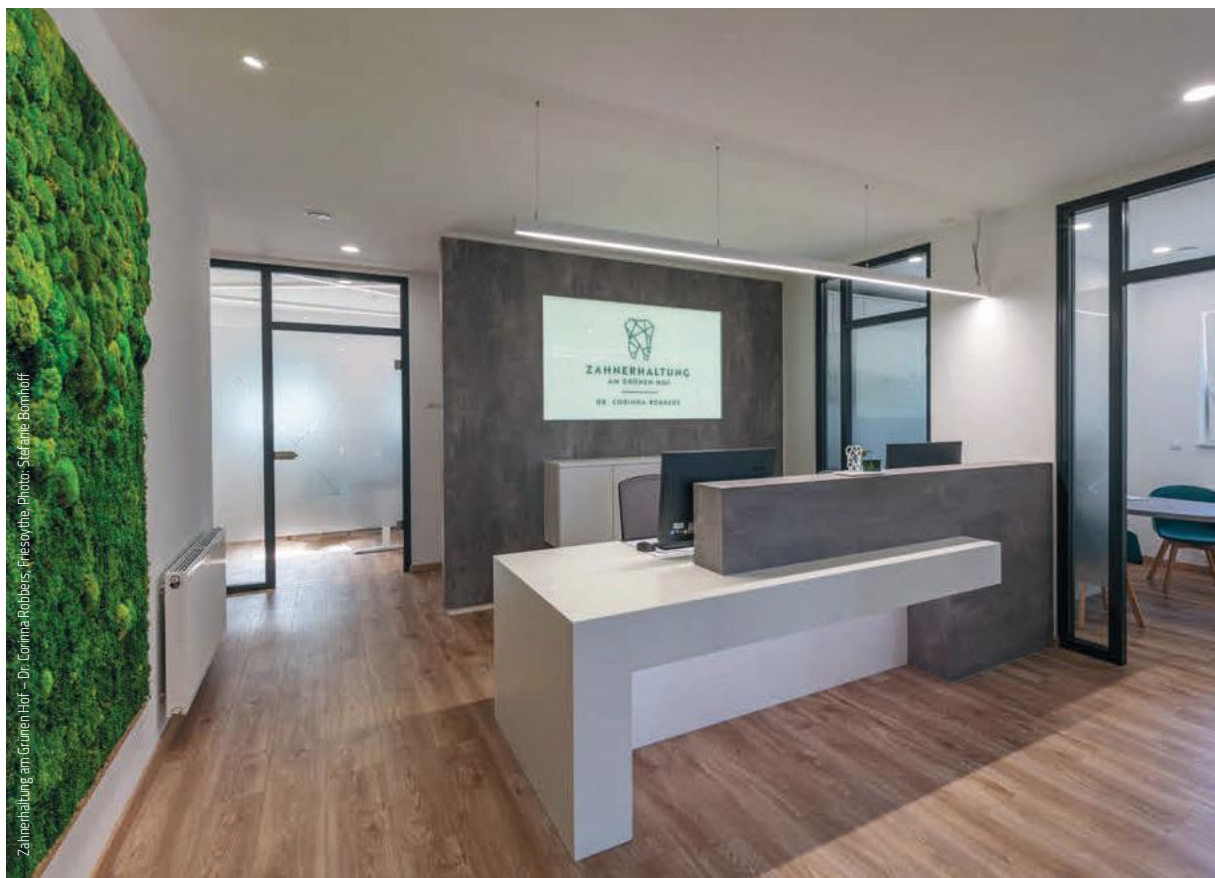
- basic lighting
- aluminum profile required
- constant current with IC module
- design for high quality shop lighting
- excellent colour rendering



Light colour	Light flux lm/m	Article no.
2700 K	2764	PGI297
3000 K	2849	PGI295
4000 K	3027	PGI298

accessories see page 162 ff, operating devices see 268 ff





Zahnerhaltung am Grünen Hof – Dr. Corinna Robbers, Friesoythe, Photo: Stefanie Bombhof

IP20

28.8 W/m
24 V DC

✂
50 mm
8 LEDs

CRI 98

L x W x H:
3000 x
12 x 1.6 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX Superior High Economic

- basic lighting
- aluminum profile required
- constant current with IC module
- design for high quality shop lighting
- excellent colour rendering



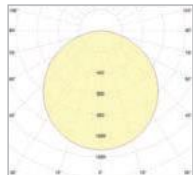
Light colour	Light flux lm/m	Article no.
2400 K	3037	PGI192
2700 K	3197	PGI197
3000 K	3296	PGI195
4000 K	3394	PGI198

accessories see page 162 ff, operating devices see 268 ff

SK
3



Aluprofil
notig



Superior series

IP20
50.4 W/m 24 V DC
✕ 33.33 mm 7 LEDs
CRI 98
L x W x H: 3000 x 12 x 1.7 mm
self-adhesive back
Temperature range: -20° to +45°C



VARDAFLEX Superior Supra

- basic lighting
- aluminum profile required
- excellent colour rendering

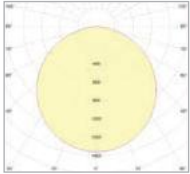


Light colour	Light flux lm/m	Article no.
2400 K	3757	PGI842
2700 K	3954	PGI847
3000 K	4074	PGI845
4000 K	4192	PGI848

accessories see page 162 ff, operating devices see 268 ff

SK
3

Aluprofil
nötig





Zahnklinik am Grünen Hof – Dr. Corinna Robbers, Friesoythe, Photo: Stefanie Bomhoff

IP20

52.8 W/m
24 V DC

✂
22.73 mm
6 LEDs

CRI 95

L x W x H:
3000 x
22 x 1.8 mm

self-adhesive
back

Temperature range:
-20° to +45°C

VARDAFLEX Superior Para3

- basic lighting
- aluminum profile required
- well suited for wide profiles
- excellent colour rendering



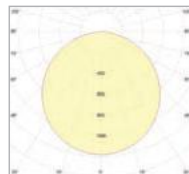
Light colour	Light flux lm/m	Article no.
2700 K	3408	PGI453
3000 K	3440	PGI455

accessories see page 162 ff, operating devices see 268 ff

SK
3



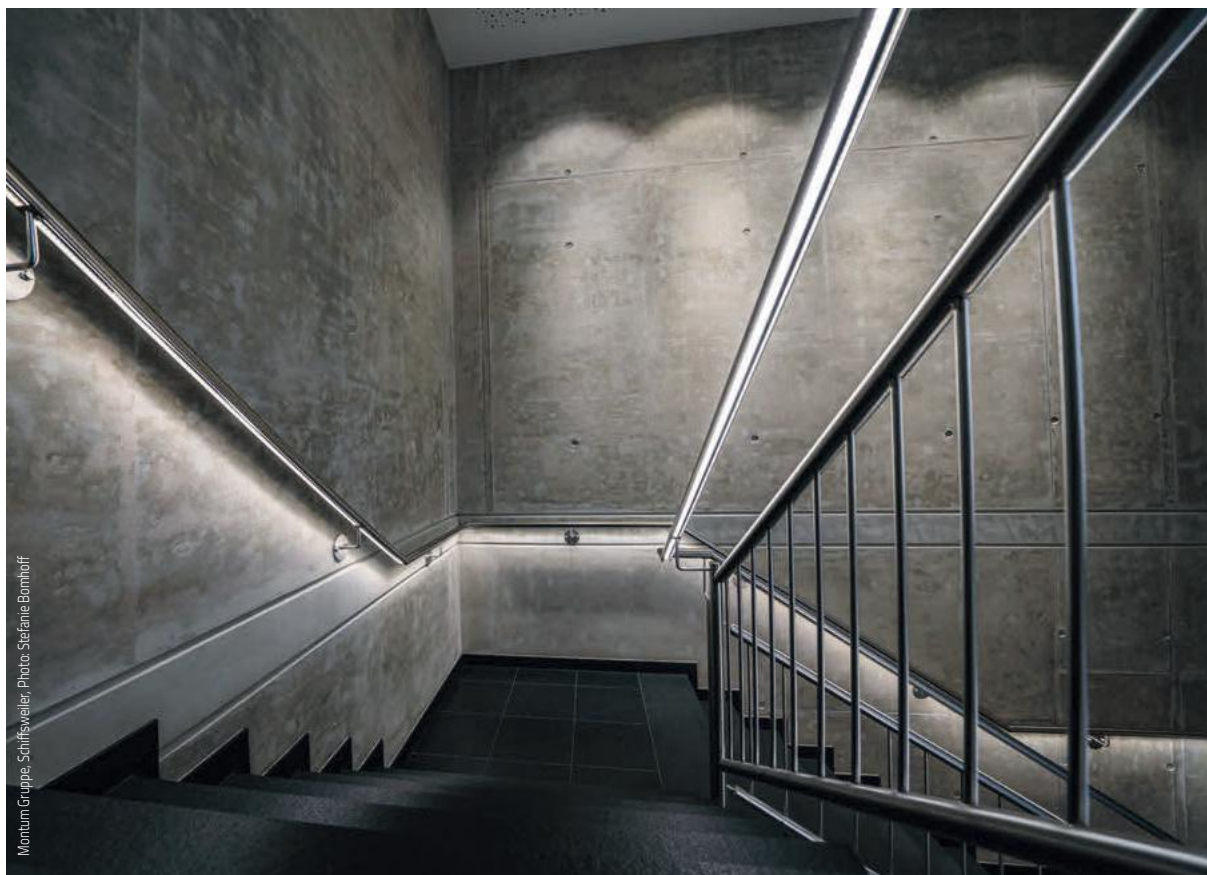
Aluprofil
notig



Superior series

Quantum series

very high efficiency - over 150 lumens per watt
for all applications where more light is needed



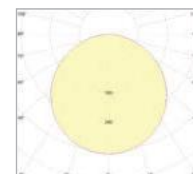
VARDAFLEX Quantum

- additional and basic lighting
- no profile necessary
- very efficient (over 140 lm/W)



Light colour	Light flux lm/m	Article no.
2700 K	969	PHD347
3000 K	955	PHD345
4000 K	1078	PHD348

accessories see page 162 ff, operating devices see 268 ff



IP20
6.5 W/m 24 V DC
✂ 125 mm 8 LEDs
CRI 80
L x W x H: 5000 x 10 x 1.3 mm
self-adhesive back
Temperature range: -20° to +45° C

IP20
21.5 W/m 24 V DC
✂ 66.67 mm 8 LEDs
CRI 80
L x W x H: 5000 x 10 x 2 mm
self-adhesive back
Temperature range: -20° to +45°C



Stiftungsresidenz Marcussallee, Bremen, Photo: Stefanie Bomhoff

VARDAFLEX Quantum Ultra

- basic lighting
- aluminum profile required
- very powerful (over 3000 lm/m)
- very efficient (over 150 lm/W)



Light colour	Light flux lm/m	Article no.
2700 K	3252	PHA127
3000 K	3326	PHA125
4000 K	3336	PHA128

accessories see page 162 ff, operating devices see 268 ff

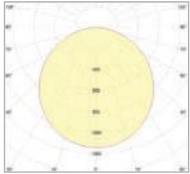




Photo: Stefanie Bominhoff

IP20

28.8 W/m
24 V DC

✂
50 mm
8 LEDs

CRI 80

L x W x H:
3000 x
12 x 1.3 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX Quantum Hypra

- basic lighting
- aluminum profile required
- constant current (IC-module)
- very powerful (over 4000 lm/m)
- very efficient (over 130 lm/W)



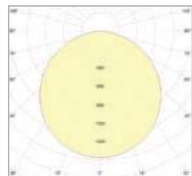
Light colour	Light flux lm/m	Article no.
2700 K	3784	PGI537
3000 K	4000	PGI535
4000 K	4171	PGI538

accessories see page 162 ff, operating devices see 268 ff

SK
3

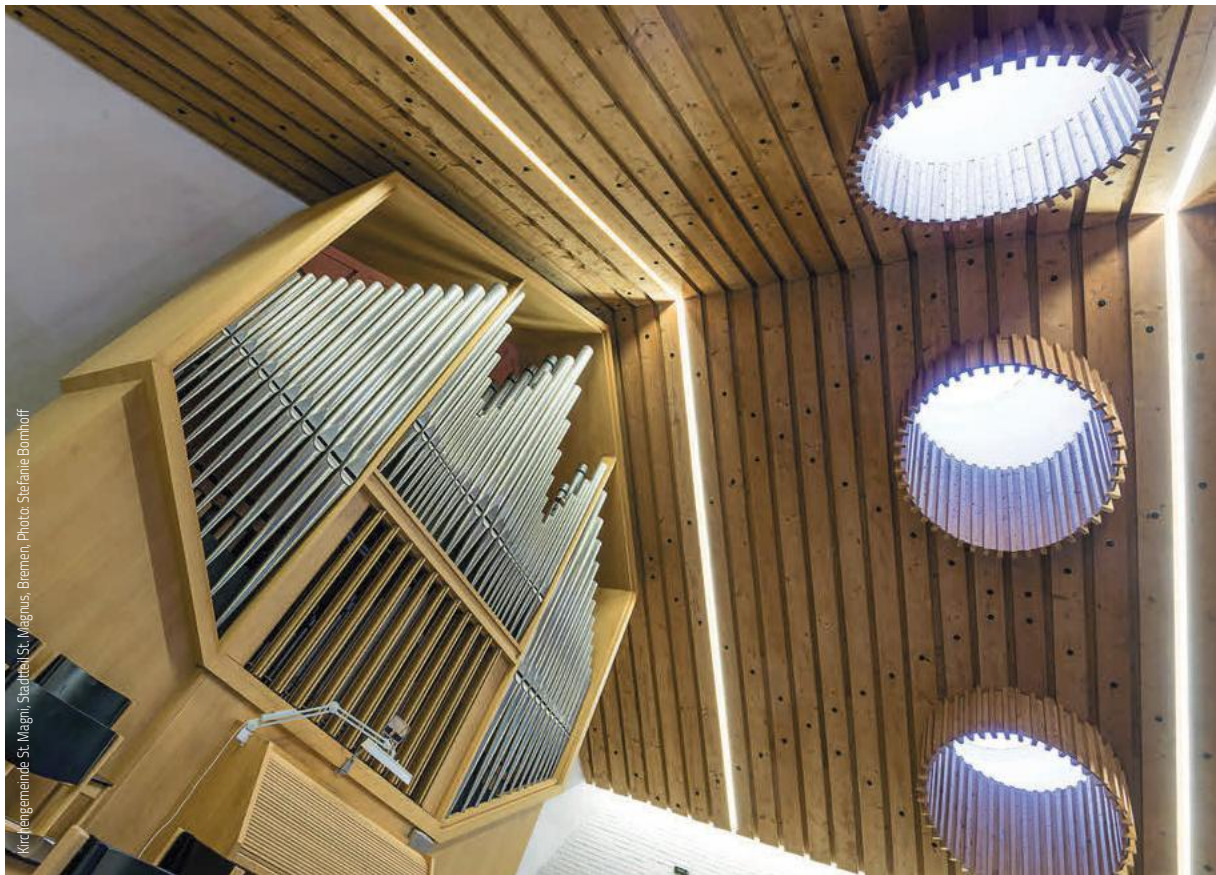


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Quantum series

IP20
51 W/m 24 V DC
✂ 33.3 mm 8 LEDs
CRI 80
L x W x H: 3000 x 14.5 x 1.9 mm
self-adhesive back
Temperature range: -20° to +45°C



VARDAFLEX Quantum Supra

- basic lighting
- aluminum profile required
- constant current (IC-module)
- very powerful (over 6500 lm/m)
- very efficient (over 130 lm/W)



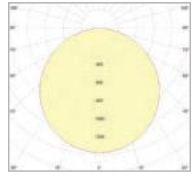
Light colour	Light flux lm/m	Article no.
2700 K	6737	PGI507
3000 K	7092	PGI505
4000 K	7447	PGI508

operating devices see 268 ff

SK
3



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LED strips colours for special applications



Schützenhof Kirchhatten · Photo: Stefanie Bernhoff

IP20

14,4 W/m
24 V DC

≈
50 mm
6 LEDs

CRI -

L x W x H:
5000 x
8 x 1.2 mm

self-adhesive
back

Temperature range:
-20° to +45°C

VARDAFLEX Plus Profi

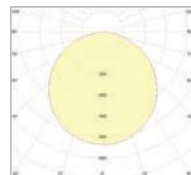
- accent lighting
- no profile necessary
- special light colour



Light colour	Light flux lm/m	Article no.
red	25	PGI130
amber	114	PGI131
blue-green	465	PGI133
florescent green	1560	PGI136
azure	909	PGI139

accessories see page 162 ff, operating devices see 268 ff

SK
3



Light colors for special applications

IP20

14.4 W/m
24 V DC

✕
100 mm
6 LEDs

CRI -

L x W x H:
5000 x
10 x 2 mm

self-adhesive
back

Temperature range:
-20° to +45°C



Sushi-Factory, Hamburg - Photo: Stefanie Bomhoff

VARDAFLEX Plus Profi

- accent lighting
- no profile necessary
- special light colour
- 25000 K ice blue - suitable for aquaristics

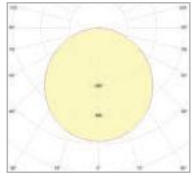


Light colour	Light flux lm/m	Article no.
1700 K	1136	PHF151
violett	196	PII547
pink	742	PII548
25000 K ice blue	770	PHF159

accessories see page 162 ff, operating devices see 268 ff

SK
3

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IP20

19,2 W/m
12 V DC

≈
25 mm
6 LEDs

CRI -

L x W x H:
5000 x
16 x 2,5 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX Para UV black

- accent lighting
- aluminum profile required
- for UV reflecting surfaces and materials such as in discotheques and for banknote verification



Light colour	Light flux lm/m	Article no.
UV black	-	PHH996

operating devices see 268 ff

SK
3



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IP20
4.8 W/m 12 V DC
∞ 50 mm 3 LEDs
CRI -
L x W x H: 5000 x 8 x 2.5 mm
self-adhesive back
Temperature range: -20° to +45°C



VARDAFLEX Infrared

- ideal for laboratory application
- no profile necessary
- for application in infrared camera surveillance



Light colour	Light flux lm/m	Article no.
infrared 940 nm	-	PHH997

accessories see page 162 ff, operating devices see 268 ff

SK
3





IP20

24 W/m
24 V DC

∞
50 mm
6 LEDs

CRI -

L x W x H:
5000 x
10 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45° C

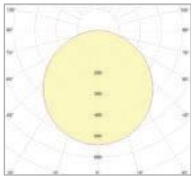
VARDAFLEX Grow

- color spectrum 460-660 nm for plant growth
- aluminum profile required



Light colour	Light flux lm/m	Article no.
460 - 660 nm	316	PHD000

accessories see page 162 ff, operating devices see 268 ff



LED strips with special dimensions and beam angle

special LED strips - very narrow very wide beam angle and a lot more



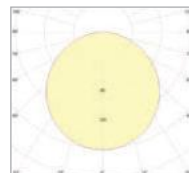
VARDAFLEX Slim

- accent lighting
- no profile necessary
- width: 3.5 mm, space saving



Light colour	Light flux lm/m	Article no.
2400 K	434	PHA602
2700 K	456	PHA607
3000 K	470	PHA605

accessories see page 162 ff, operating devices see 268 ff



IP20
5 W/m 24 V DC
∞ 50 mm 7 LEDs
CRI 90
L x W x H: 5000 x 3.5 x 1.2 mm
self-adhesive back
Temperature range: -20° to +45° C

IP20

19.2 W/m
24 V DC

∞
50 mm
12 LEDs

CRI 80

L x W x H:
5000 x
10 x 2.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C

Bremer Ratskeller, Bremen, Photo: Stefanie Blumhoff



VARDAFLEX Asymmetrical

- additional and basic lighting
- aluminum profile required
- with normal and lateral illumination
- design for window soffits



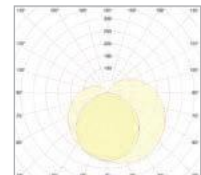
Light colour	Light flux lm/m	Article no.
3000 K	1399	PHF375
4000 K	1399	PHF378

operating devices see 268 ff

SK
3



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IP20

23.04 W/m
24 V DC

✂
62 mm
18 LEDs

CRI 80

L x W x H:
5000 x
10 x 2.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C

VARDAFLEX Surround

- basic lighting
- aluminum profile required
- with additional double lateral illumination
- particularly wide radiant



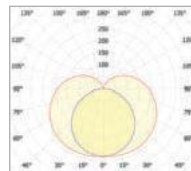
Light colour	Light flux lm/m	Article no.
3000 K	1647	PHF385
4000 K	1582	PHF388

operating devices see 268 ff

SK
3



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Special dimensions and beam angle

IP20

14 W/m
24 V DC

∞
100 mm
6 LEDs

CRI 80

L x W x H:
5000 x
10 x 2.2 mm

self-adhesive
back

Temperature range:
-20° to +45°C



VARDAFLEX Black Plus Profi

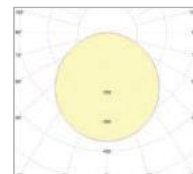
- additional lighting
- no profile necessary
- black circuit PCB



Light colour	Light flux lm/m	Article no.
2700 K	1064	PHD097
3000 K	1064	PHD095

accessories see page 162 ff, operating devices see 268 ff

SK
3





IP20

19.2 W/m
24 V DC

≈
25 mm
6 LEDs

CRI 90

L x W x H:
5000 x
14 x 2.2 mm

self-adhesive
back

Temperature range:
-20° to +45°C

VARDAFLEX Eco Para

- additional and basic lighting
- aluminum profile required
- double row
- ideal for use in wide profiles



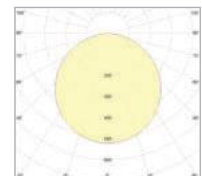
Light colour	Light flux lm/m	Article no.
2700 K	1469	PHB447
3000 K	1514	PHB445

operating devices see 268 ff

SK
3



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Special dimensions and beam angle

IP20

40 W/m
24 V DC

∞
50 mm
21 LEDs

CRI 80

L x W x H:
5000 x
30 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C



WARDIFLEX Para3

- basic lighting
- aluminum profile required
- three rows
- ideal for wide profiles
- very efficient (over 110 lm/W)



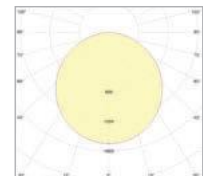
Light colour	Light flux lm/m	Article no.
2700 K	4354	PHD457
3000 K	4362	PHD455
4000 K	4366	PHD458
6500 K	4605	PHD454

operating devices see 268 ff

SK
3



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Bömers Spitze, Bremen, Photo: Stefanie Bomhoff

IP20

47 W/m
24 V DC

✂
35.64 mm
8 LEDs

CRI 95

L x W x H:
3000 x
12 x 1.8 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX Para Supra Eco

- basic lighting
- aluminum profile required
- constant current (IC module)
- ideal for use in wide profiles
- extremely powerful (over 5000 lm/metre)
- very efficient (over 110 lm/W)



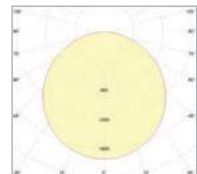
Light colour	Light flux lm/m	Article no.
2400 K	4872	PGI852
2700 K	5064	PGI857
3000 K	5070	PGI855
4000 K	5095	PGI858

operating devices see 268 ff

SK
3



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Special dimensions and beam angle

LED strips - multicoloured

Dim To Warm

Select (Tunable White)

3-colour (RGB)

4-colour (RGBW)

5-colour (RGB + Tunable White)



Dom Hotel Limburg, Lichtplanung: Sarah Texter Lichtdesign, Architektur: Anrié und Erich Kramm, Photo: Stefanie Bornhoff

IP20

7.5 W/m
24 V DC

≈
100 mm
12 LEDs

CRI 80

L x W x H:
5000 x
10 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C

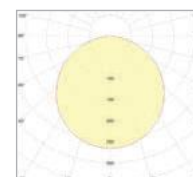
VARDAFLEX Plus DTW

- accent lighting
- no profile necessary
- constant Current (IC Module)
- 3300 - 1900 K, Dim To Warm



Light colour	Light flux lm/m	Article no.
3300 - 1900 K	772	PGI141

accessories see page 162 ff, operating devices see 268 ff



IP20

19.2 W/m
24 V DC

≈
100 mm
12 LEDs

CRI 80

L x W x H:
5000 x
10 x 1.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C



VARDAFLEX Double DTW

- accent and basic lighting
- aluminum profile required
- constant current (IC-module)
- 3200 - 1900 K, Dim To Warm

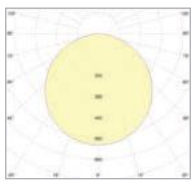


Light colour	Light flux lm/m	Article no.
3200 - 1900 K	1543	PGI140

accessories see page 162 ff, operating devices see 268 ff

SK
3

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IP20

16.8 W/m
24 V DC

✕
83.33 mm
6 LEDs

CRI 80-90

L x W x H:
5000 x
10 x 2.2 mm

self-adhesive
back

Temperature range:
-20° to +45°C



VARDAFLEX Select-CRI

- accent lighting
- aluminum profile required
- 6200 K + red+ 2500 K
- R9 to 40 (R-value controllable)
- tailor made for unique pastel colour



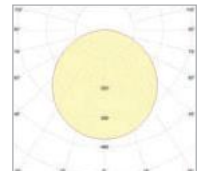
Light colour	Light flux lm/m	Article no.
6200 K + rot + 2500 K	1087	PGE530

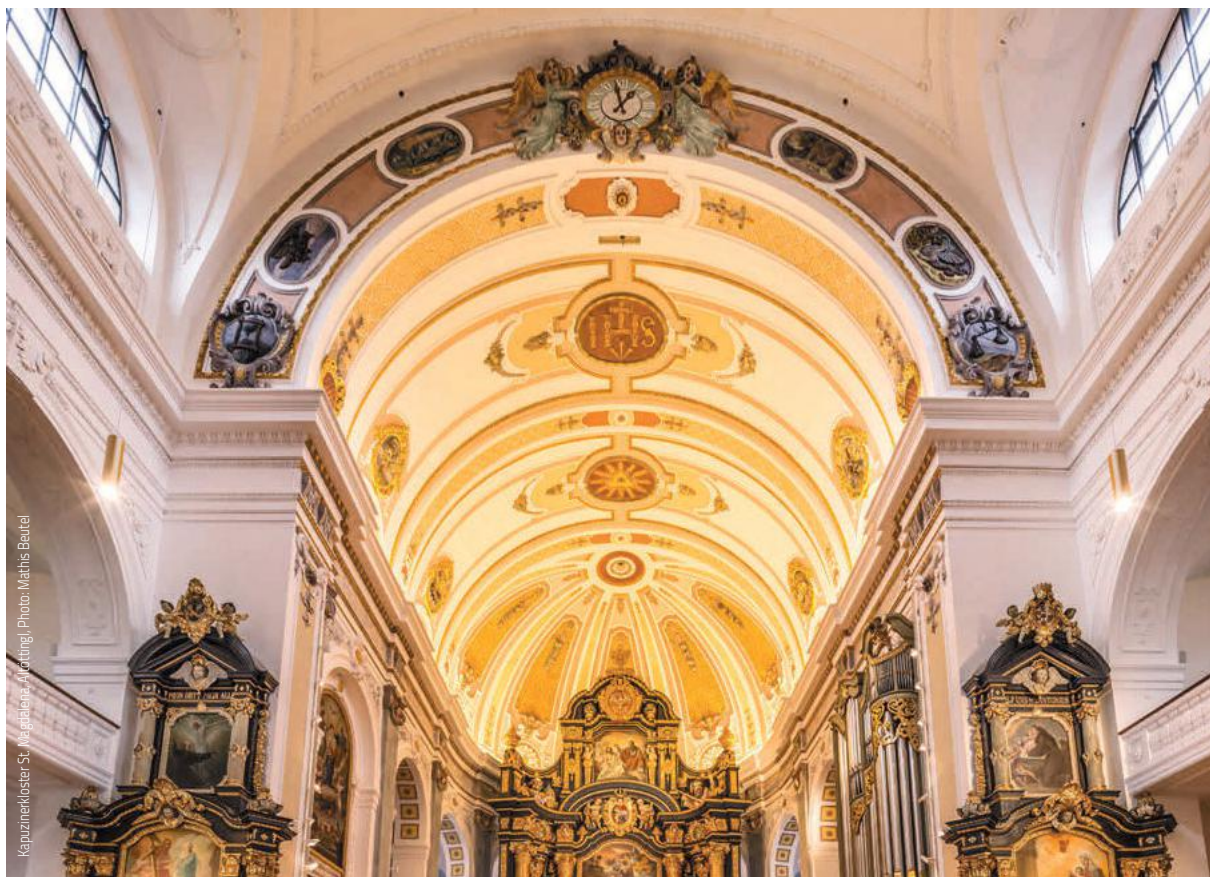
accessories see page 162 ff, operating devices see 268 ff

SK
3



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Kapuzinerkloster St. Magdalena, Jortting | Photo: Mathis Beutel

IP20
28.8 W/m 24 V DC
∞ 100 mm 6 LEDs
CRI 80
L x W x H: 5000 x 10 x 1.6 mm
self-adhesive back
Temperature range: -20° to +45° C

VARDAFLEX Ultra Select (Tunable White)

- basic lighting
- aluminum profile required
- constant current (IC-module)
- 3200 - 5700 K (Tunable White)
- high performance



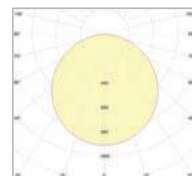
Light colour	Light flux lm/m	Article no.
3200 - 5700 K (Tunable White)	2647	PHF829

accessories see page 162 ff, operating devices see 268 ff

SK
3



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Plessen Gasthof, Photo: Stefanie Bornhoff

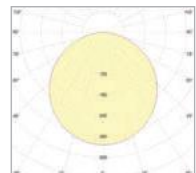
VARDAFLEX RGB Ultra

- accent lighting
- aluminum profile required
- tightly equipped
- powerful
- high efficiency



Light colour	Light flux lm/m	Article no.
RGB	786	PHD577

operating devices see 268 ff



IP20

23 W/m
24 V DC

✂
62.5 mm
6 LEDs

CRI -

L x W x H:
5000 x
12 x 2.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C

IP20

28 W/m
24 V DC

∞
50 mm
6 LEDs

CRI -

L x W x H:
5000 x
20 x 2.5 mm

self-adhesive
back

Temperature range:
-20° to +45°C

Photo: Stefanie Bornhoff



VARDAFLEX RGB Para

- accent lighting
- aluminum profile required
- double row
- ideal for use in wide profiles



Light colour	Light flux lm/m	Article no.
RGB	932	PHD578

operating devices see 268 ff

SK
3



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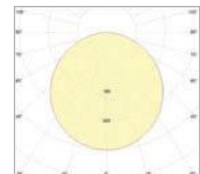
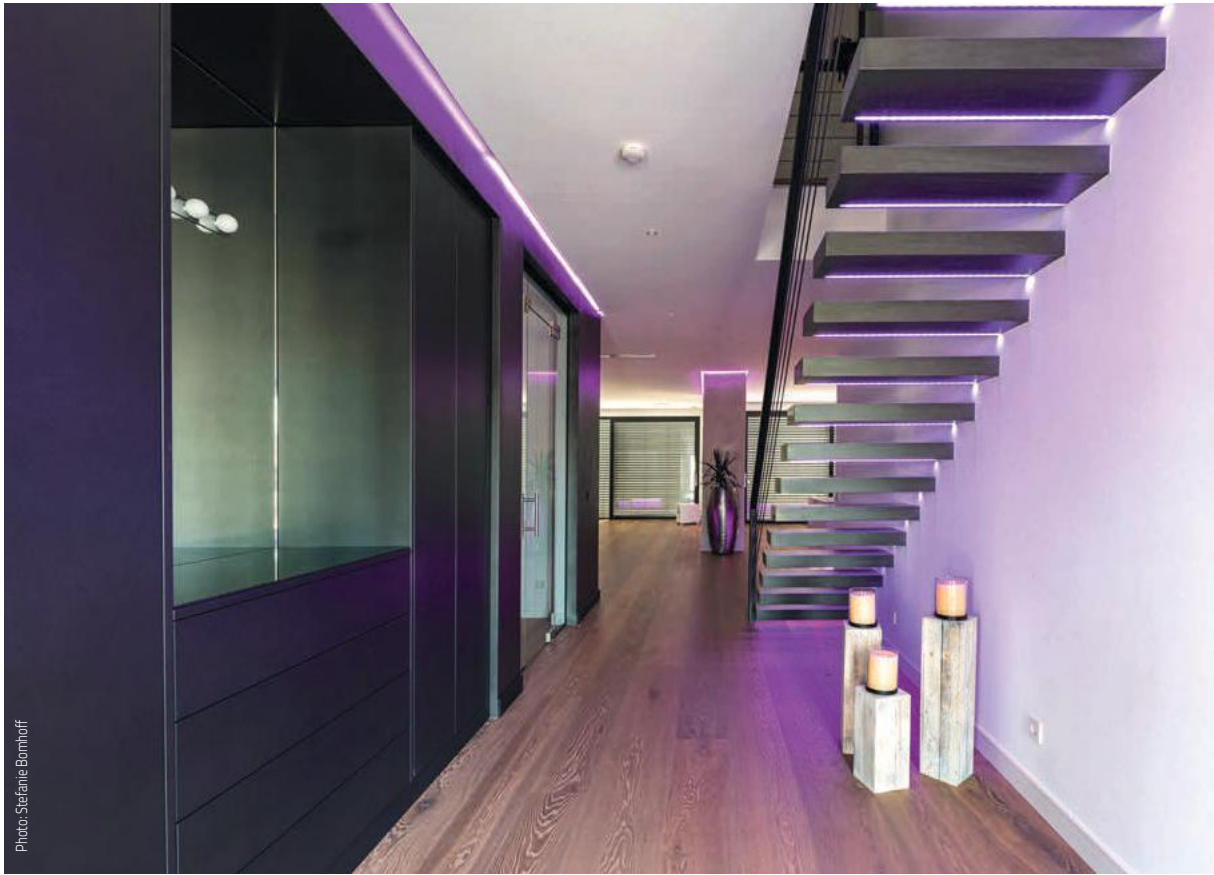


Photo: Stefanie Bornhoff



IP20

32 W/m
24 V DC

✂
50 mm
6 LEDs

CRI -

L x W x H:
5000 x
10 x 2 mm

self-adhesive
back

Temperature range:
-20° to +45°C

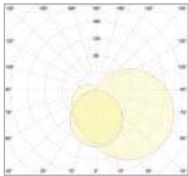
VARDAFLEX RGB Side Ultra

- accent lighting
- aluminum profile required
- Side-RGB-Chip
- lateral illumination



Light colour	Light flux lm/m	Article no.
RGB	817	PGD856

operating devices see 268 ff



LED strips - multicoloured

IP20
8.64 W/m 24 V DC
∞ 166.7 mm 6 LEDs
CRI -
L x W x H: 5000 x 10 x 1.8 mm
self-adhesive back
Temperature range: -20° to +45°C



AIDA Nova, Photo: Ingrid Fiebak

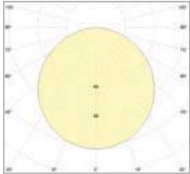
VARDALFLEX 3inONE-36 (RGB)

- accent lighting
- no profile necessary
- one chip - three colours



Light colour	Light flux lm/m	Article no.
RGB	360	PGI575

operating devices see 268 ff





Mark-Apotheke Dr. Philipp Hoffmann e.K. Dez. Photo Stefanie Bomhoff

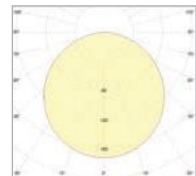
VARDAFLEX 3inONE-60 (RGB)

- accent lighting
- no profile necessary
- one chip - three colours
- more power - higher uniformity



Light colour	Light flux lm/m	Article no.
RGB	500	PGI577

operating devices see 268 ff



LED strips - multicoloured

IP20

22 W/m
24 V DC

∞
62,5 mm
6 LEDs

CRI 80

L x W x H:
5000 x
14 x 2,2 mm

self-adhesive
back

Temperature range:
-20° to +45°C

Photo: Stefanie Bornhoff



VARDAFLEX 4inONE-96 (RGBW)

- accent and basic lighting
- aluminum profile required
- RGBW integrated in one chip



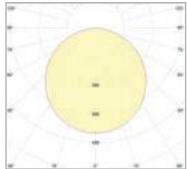
Light colour	Light flux lm/m	Article no.
RGB + 2400 K	985	PGI571
RGB + 2700 K	1037	PGI572
RGB + 3000 K	1068	PGI573

operating devices see 268 ff

SK
3



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Tanzschule Benz & Partner, Bremen, Photo: Stefanie Bonhoff

IP20

25 W/m
24 V DC

✂
62.5 mm
6 LEDs

CRI 80

L x W x H:
5000 x
12 x 2.3 mm

self-adhesive
back

Temperature range:
-20° to +45° C

VARDAFLEX SinONE-96 (RGB+TW)

- accent and basic lighting
- aluminum profile required
- RGB + Tunable White integrated in one chip



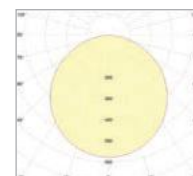
Light colour	Light flux lm/m	Article no.
RGB + 2400 K + 6500 K	1681	PGD518

operating devices see 268 ff

SK
3



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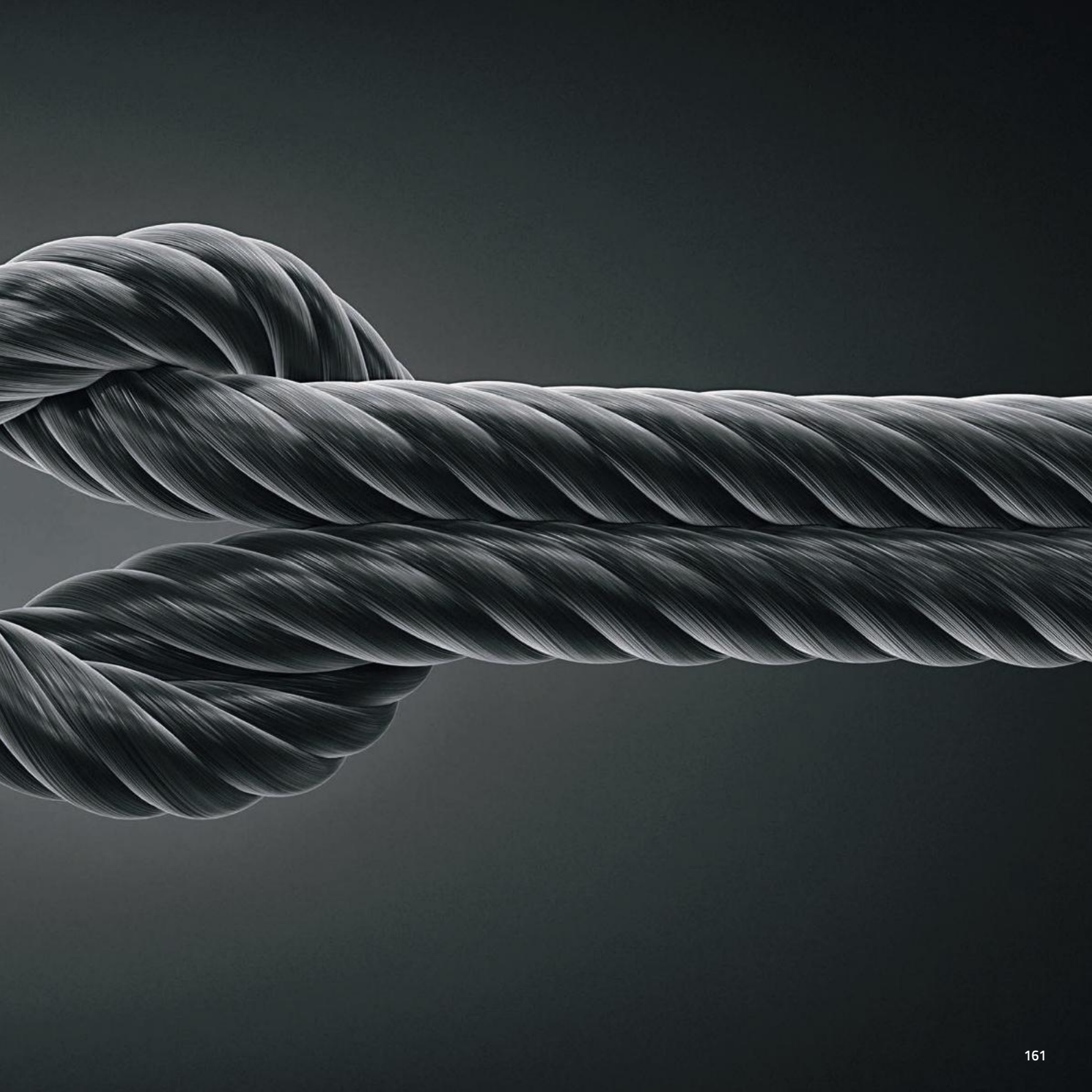


LED strips - multicoloured

Fast, secure and easy

LED-strips connect to the
VARDAflex push system - completely without soldering





Accessories for LED strips

strip \ in-feeder	PGZ321	PGZ322	PGZ324	PGZ328	PGZ421	PGZ422	PGZ424	PGZ428	PGZ510*	PGZ511**	PGZ512***	PGZ520	PGZ522	PGZ524	PGZ528	PGZ531	PGZ532	PGZ533	PGZ539	PGZ534	PGZ538	PGZ535	PGZ536	PGZ540	PGZ541
VARDAflex COB			•	•																					
VARDAflex Eco-7			•	•			•	•	•																
VARDAflex Eco-7 Plus			•	•																•	•				
VARDAflex Eco-7 Plus Profi			•	•																					
VARDAflex Eco-7 Double			•	•																					
VARDAflex Superior			•	•			•	•	•											•	•				
VARDAflex Superior Reach25	•	•			•	•				•						•	•								
VARDAflex Superior Plus			•	•			•	•	•											•	•				
VARDAflex Superior Photon Plus Profi																								•	•
VARDAflex Superior Plus Profi	•	•	•	•	•	•																			
VARDAflex Superior Plus Profi Reach10	•	•			•	•				•						•	•								
VARDAflex Superior Double Narrow																						•	•		
VARDAflex Superior Photon High Economic																								•	•
VARDAflex Superior High Economic																								•	•
VARDAflex Superior Supra																								•	•
VARDAflex Superior Para3																									
VARDAflex Quantum	•	•			•	•				•						•	•								
VARDAflex Quantum Ultra																					•	•			
VARDAflex Quantum Hypra																								•	•
VARDAflex Quantum Supra																									
VARDAflex Plus Profi	•	•	•	•	•	•	•	•		•						•	•			•	•				
VARDAflex Para UV-black light																									
VARDAflex Infra red			•	•			•	•	•											•	•				
VARDAflex Grow	•	•			•	•				•						•	•								
VARDAflex Slim														•	•										
VARDAflex Side Asymmetrical																									
VARDAflex Surround																									
VARDAflex Black Plus Profi	•	•			•	•				•						•	•								
VARDAflex Eco Para																									
VARDAflex Para3																									
VARDAflex Para Supra Eco																									
VARDAflex Double DTW	•	•			•	•				•						•	•								
VARDAflex Plus DTW	•	•			•	•				•						•	•								
VARDAflex Select-CRI																			•	•					
VARDAflex Ultra Select												•	•												
VARDAflex RGB Ultra																									
VARDAflex RGB Para																									
VARDAflex RGB Side Ultra																									
VARDAflex 3inOne-36										•									•	•					
VARDAflex 3inOne-60										•									•	•					
VARDAflex 4inOne-96																									
VARDAflex 5inOne-96																									

* T/corner board PGZ510 is compatible with the following connectors: PGZ534, PGZ538, PGZ424, PGZ428
** T/corner board PGZ511 is compatible with the following connectors: PGZ421, PGZ422, PGZ531, PGZ532, PGZ535, PGZ536, PGZ511
*** T/corner board PGZ512 is compatible with the following connectors: PGZ533, PGZ539

Accessories for VARDAflex LED strips

- solderless
- tool-free

Description	Dimension mm (L x W x H)	For strip width mm	IP	Article no.
feed-in connector, seamless, one colour	15.8 x 11.8 x 3.5	10	20	PGZ321
direct connector, seamless, one colour	15.8 x 11.8 x 3.5	10	20	PGZ322
feed-in connector, seamless, one colour	15.8 x 9.7 x 3.5	8	20	PGZ324
direct connector, seamless, one colour	15.8 x 9.7 x 3.5	8	20	PGZ328
push lock-w feed connector, one colour	15.5 x 11.5 x 4.5	10	20	PGZ421
direct connector push lock-w, one colour	21.6 x 11.5 x 4.5	10	20	PGZ422
push lock-w feed connector, one colour	15.5 x 9.5 x 4.5	8	20	PGZ424
direct connector push lock-w, one colour	21.6 x 9.5 x 4.5	8	20	PGZ428

Description	Dimension mm (L x B x H)	For strip width mm	IP	Article no.
t/corner circuit board, single colour	30 x 19 x 0.3	8	20	PGZ510
t/corner circuit board, single colour	32 x 21 x 0.3	10	20	PGZ511
t/corner circuit board, RGB	32 x 21 x 0.3	10	20	PGZ512

Description	Dimension mm (L x W x H)	For strip width mm	IP	Article no.
in-feeder connector push select	24.3 x 14.6 x 7.7	10	20	PGZ520
direct connector push select	19.5 x 14.6 x 7.7	10	20	PGZ522
in-feeder connector push, single-colour	24.3 x 9.6 x 7.7	5	20	PGZ524
direct connector push, single-colour	19.6 x 9.6 x 7.7	5	20	PGZ528
in-feeder connector push, single-colour	24.3 x 14.6 x 7.7	10	20	PGZ531
direct connector push, single-colour	19.5 x 14.6 x 7.7	10	20	PGZ532
in-feeder connector push, RGB	24.3 x 14.6 x 7.7	10	20	PGZ533
in-feeder connector push, single-colour	24.3 x 12.6 x 7.7	8	20	PGZ534
in-feeder connector push-space, single-colour	24.3 x 14.6 x 7.7	10	20	PGZ535
direct connector push-space, single-colour	19.5 x 14.6 x 7.7	10	20	PGZ536
direct connector push, single-colour	19.5 x 12.6 x 7.7	8	20	PGZ538
direct connector push, RGB	19.5 x 14.6 x 7.7	10	20	PGZ539
in-feeder connector push, single-colour	24.5 x 17.2 x 7.9	12	20	PGZ540
direct connector push, single-colour	19.6 x 17.2 x 7.9	12	20	PGZ541



Profiles for LED strips for indoor use

U-/ collar profiles

corner profiles

clothes rail profiles

flush-mounted profiles

round profiles

wall mounted profiles

step profiles

drywall profiles





U-/ collar profiles



Hotel & Restaurant Zum Mühentech, Neubruchhausen, Photo: Stefanie Bonhoff

indoor use

internal dimension
for strips up to a
width to 4 mm

material:
aluminum anodised

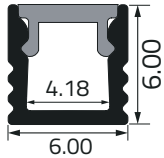
flush cover

material of cover:
polycarbonate

Aluminum profile MUP6/6



Type	length m	Article no.
mini U profile MUP6/6	2	PFE050
cover frosted MUP6/6	2	PFE051
end cap in-feeder MUP6/6		PFE052
end cap MUP6/6		PFE053
mounting clamp - metal MUP6/6		PFE054



Delivery without accessories - please order separately

indoor use
internal dimension for strips up to a width to 5 mm
material: aluminum anodised
overlapping cover
material cover: polycarbonate

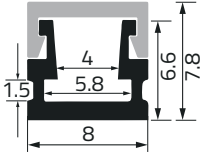


Hotel & Restaurant Zum Mühlensteich, Neubrückhausen, Photo: Stefanie Bomhoff

Aluminum profile MUP8/8



Type	length m	Article no.
mini U profile MUP8/8	2	PFI415
cover frosted MUP8/8	2	PFI478
end cap in-feeder MUP8/8		PFI468
mounting clamp - metal MUP8/8		PFI460



Delivery without accessories - please order separately

180° precisely adjustable



Mounting joint for aluminum profiles

- indoor use, IP20
- aluminum
- for attachment to mounting clamps or directly to aluminum profiles
- up to 2 x 90° bendable
- suitable for all common aluminum profiles with retaining clips

Type

Article
no.

mounting joint

PFH441



indoor use

internal dimension
for strips up to a
width to 12/15 mm

material:
aluminum anodised

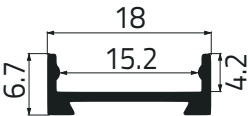
flush
cover

material cover:
polycarbonate

internal connectors
available
see page 163

Aluminum profile FUP18/7

- flat U profile
- RAL version of your choice
possible on request

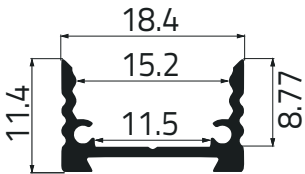


Type	length m	Article no.
flat U profile FUP 18/7	2	PFD002
flat U profile FUP 18/7	3	PFD003
flat U profile FUP 18/7	5	PFD005
flat U profile FUP 18/7	6	PFD006
flat U profile FUP18/7 RAL by choice (on request)	2	PFD012
flat U profile FUP18/7 RAL by choice (on request)	3	PFD013
flat U profile FUP18/7 RAL by choice (on request)	5	PFD015
flat U profile FUP18/7 RAL by choice (on request)	6	PFD016
cover FUP18/7, flush, opal white	2	PFD022
cover FUP18/7, flush, opal white	3	PFD023
cover FUP18/7, flush, opal white	5	PFD025
cover FUP18/7, flush, opal white	6	PFD026
end cap FUP18/7, 2 pcs..		PFD027
mounting clamp, metal		PFE540
mounting joint		PFH441

delivery without accessories - please order separately

Aluminum profile UP18/12

- U profile
- RAL version of your choice
possible on request

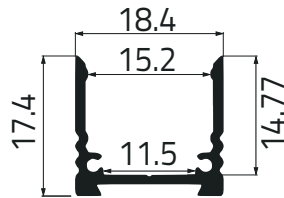


Type	length m	Article no.
U profile UP18/12	2	PFD032
U profile UP18/12	3	PFD033
U profile UP18/12	5	PFD035
U profile UP18/12	6	PFD036
U profile UP18/12 RAL by choice (on request)	2	PFD042
U profile UP18/12 RAL by choice (on request)	3	PFD043
U profile UP18/12 RAL by choice (on request)	5	PFD045
U profile UP18/12 RAL by choice (on request)	6	PFD046
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	2	PFD052
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	3	PFD053
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	5	PFD055
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	6	PFD056
end cap UP18/12, 2 pcs.		PFD050
mounting clamp UP18/12, TUP18/18, TKP18/18, metal, 2 pcs.		PFD090
mounting clamp UP18/12, TUP18/18, metal, 2 pcs.		PFD091
mounting joint		PFH441

delivery without accessories - please order separately

Aluminum profile TUP18/18

- deep U profile
- RAL version of your choice possible on request

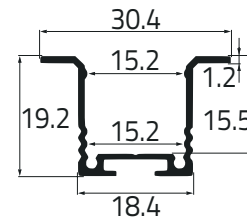


Type	length m	Article no.
U profile TUP18/18	2	PFD062
U profile TUP18/18	3	PFD063
U profile TUP18/18	5	PFD065
U profile TUP18/18	6	PFD066
U profile TUP18/18 RAL by choice (on request)	2	PFD072
U profile TUP18/18 RAL by choice (on request)	3	PFD073
U profile TUP18/18 RAL by choice (on request)	5	PFD075
U profile TUP18/18 RAL by choice (on request)	6	PFD076
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	2	PFD052
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	3	PFD053
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	5	PFD055
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	6	PFD056
end cap TUP18/18, 2 pcs.		PFD087
mounting clamp UP18/12, TUP18/18, TKP18/18, metal, 2 pcs.		PFD090
mounting clamp UP18/12, TUP18/18, metal, 2 pcs.		PFD091
mounting joint		PFH441

delivery without accessories - please order separately

Aluminum profile TKP18/18

- deep U collar profile
- RAL version of your choice possible on request



Type	length m	Article no.
deep collar profile TKP18/18	2	PFD102
deep collar profile TKP18/18	3	PFD103
deep collar profile TKP18/18	5	PFD105
deep collar profile TKP18/18	6	PFD106
deep collar profile TKP18/18, RAL by choice (on request)	2	PFD112
deep collar profile TKP18/18, RAL by choice (on request)	3	PFD113
deep collar profile TKP18/18, RAL by choice (on request)	5	PFD115
deep collar profile TKP18/18, RAL by choice (on request)	6	PFD116
end cap TKP18/18		PFD120
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	2	PFD052
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	3	PFD053
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	5	PFD055
cover UP18/12, TUP18/18, TKP18/18, flush, opal white	6	PFD056
end cap TKP18/18, 2 pcs.		PFD050
mounting clamp UP18/12, TUP18/18, TKP18/18, metal, 2 pcs.		PFD090
mounting joint		PFH441

delivery without accessories - please order separately

indoor use

internal dimension
for strips up to a
width to 12/15 mm

material:
aluminum anodised

flush
cover

material cover:
polycarbonate

internal connectors
available
see page 163

indoor use
internal dimension for strips up to a width of 16 mm
material: aluminum anodised
semicircular and rectangular cover
material cover: polycarbonate
internal connectors available see page 163
high cover, suitable as pendant luminaire

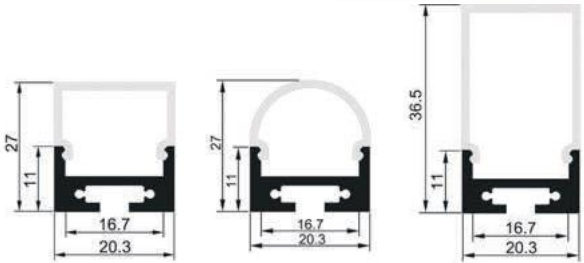
Aluminum profile UP20/11

- U profile



Type	length m	Article no.
U profile UP20/11	2	PFE105
end cap in-feeder UP20/11, H37 mm		PFE168
end cap UP20/11, H37 mm		PFE169
end cap in-feeder UP20/11, H27 mm		PFE198
end cap UP20/11, H27 mm		PFE199
end cap in-feeder UP20/11, semicircular		PFE178
end cap UP20/11, semicircular		PFE179
cover UP20/11 H37 mm high, flush, opal white	2	PFE181
cover UP20/11 H27 mm high, flush, opal white	2	PFE188
cover UP20/11, semicircular, flush, opal white	2	PFE189
mounting clamp UP20/11		PFE190
suspended wire UP20/11		PFE973
profile connector 90° UP20/11, TUP35/35, TKP35/35		PFE974
profile connector 180° UP20/11, TUP35/35, TKP35/35		PFE975

delivery without accessories - please order separately





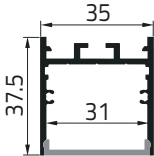
indoor use
internal dimension for strips up to a width to 30 mm
material: aluminum anodised
flush cover
material cover: PMMA
internal connectors available see page 163
suitable as pendant and recessed luminaire

Aluminum profile TUP35/35

- deep U profile



Type	length m	Article no.
deep U profile TUP35/35	2	PFE935
deep U profile TUP35/35	3	PFE938
deep U profile TUP35/35, white	2	PFE936
deep U profile TUP35/35, white	3	PFE939
deep U profile TUP35/35, black	3	PFE932
cover TUP35/35, TKP35/35, opal white	2	PFE992
cover TUP35/35, TKP35/35, semi-frosted	2	PFE994
cover TUP35/35, TKP35/35, clear	2	PFE997
cover TUP35/35, TKP35/35, flush, backlight	2	PFB980
cover TUP35/35, TKP35/35, flush, opal white	3	PFE982
cover TUP35/35, TKP35/35, flush, semi-frosted	3	PFE984
cover TUP35/35, TKP35/35, flush, clear	3	PFE987
end cap TUP35/35		PFE978
end cap TUP35/35, white		PFE976
end cap TUP35/35, black		PFE977
end cap TKP35/35		PFE968
end cap TKP35/35, white		PFE966
end cap TKP35/35, black		PFE967
mounting clamp TUP35/35		PFE970
suspended wire TUP35/35		PFE973
mounting clamp with springs TKP35/35		PFE960



delivery without accessories - please order separately



Zählerhaltung am Grünen Hof – Dr. Corina Robbers, Friesoythe, Photo: Stefanie Bornhoff









EPH Elektrotechnik, Photo: Stefanie Bornhoff

aluminum collar profile TKP35/35K



indoor use

internal dimension
for strips up to a
width to 30 mm

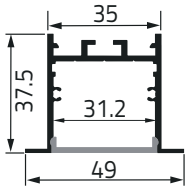
material:
aluminum anodised

flush
cover

material cover:
PMMA

internal connectors
available
see page 163

Type	length m	Article no.
deep collar profile TKP35/35	2	PFE925
deep collar profile TKP35/35	3	PFE928
deep collar profile TKP35/35, white	2	PFE926
deep collar profile TKP35/35, black	3	PFE922
cover TUP35/35, TKP35/35, opal white	2	PFE992
cover TUP35/35, TKP35/35, semi-frosted	2	PFE994
cover TUP35/35, TKP35/35, clear	2	PFE997
cover TUP35/35, TKP35/35, flush, blacklight	2	PFB980
cover TUP35/35, TKP35/35, flush, opal white	3	PFE982
cover TUP35/35, TKP35/35, flush, semi-frosted	3	PFE984
cover TUP35/35, TKP35/35, flush, clear	3	PFE987
end cap TUP35/35		PFE978
end cap TUP35/35, white		PFE976
end cap TUP35/35, black		PFE977
end cap TKP35/35		PFE968
end cap TKP35/35, white		PFE966
end cap TKP35/35, black		PFE967
mounting clamp TUP35/35		PFE970
mounting clamp with springs TKP35/35		PFE960



delivery without accessories - please order separately

collar profile

Round and corner profiles





indoor use

internal dimension
for strips up to a
width to 12 mm

material:
aluminum anodised

semicircular
cover

material cover:
PMMA

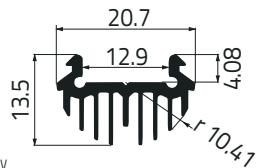
ceiling and pendant
profile

internal connectors
available
see page 163

Aluminium round profile RPD021

- round profile
- RAL version of your choice, possible on request

Type	length m	Article no.
round profile RPD21	2	PFD242
round profile RPD21	3	PFD243
round profile RPD21	5	PFD245
round profile RPD21	6	PFD246
round profile RPD21 RAL by choice (on request)	2	PFD252
round profile RPD21 RAL by choice (on request)	3	PFD253
round profile RPD21 RAL by choice (on request)	5	PFD255
round profile RPD21 RAL by choice (on request)	6	PFD256
cover RPD21, semicircular, opal white	2	PFD262
cover RPD21, semicircular, opal white	3	PFD263
cover RPD21, semicircular, opal white	5	PFD265
cover RPD21, semicircular, opal white	6	PFD266
end cap RPD21, plastic, 2 pcs.		PFD270
mounting clamp, RPD21, metal, 2 pcs.		PFD271



delivery without accessories - please order separately

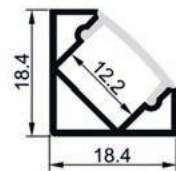
indoor use
internal dimension for strips up to a width to 12 mm
material: aluminum anodised
flush cover
material cover: PMMA
internal connectors available see page 163



Aluminum corner profile EP18/18

- corner profile

Type	length m	Article no.
corner profile EP18/18	2	PFE635
corner profile EP18/18	3	PFE638
corner profile EP18/18, white	2	PFE636
corner profile EP18/18, white	3	PFE639
corner profile EP18/18, black	2	PFE632
corner profile EP18/18, black	3	PFE633
cover EP18/18, WEP26/70, flush, opal white	2	PFE592
cover EP18/18, WEP26/70, flush, semi-frosted	2	PFE594
cover EP18/18, WEP26/70, flush, clear	2	PFE597
cover EP18/18, WEP26/70, flush, opal white	3	PFE572
cover EP18/18, WEP26/70, flush, semi-frosted	3	PFE574
cover EP18/18, WEP26/70, flush, clear	3	PFE577
end cap in-feeder EP18/18		PFE668
end cap EP18/18		PFE669
end cap in-feeder EP18/18, white		PFE666
end cap EP18/18, white		PFE667
end cap in-feeder EP18/18, black		PFE664
end cap EP18/18, black		PFE665
mounting clamp EP18/18, metal		PFE480
mounting clamp EP18/18, PC		PFE481



delivery without accessories - please order separately



Seniorenheim Marcusallee, Bremen, Photo: Stefanie Bomhoff

indoor use

internal dimension
for strips up to a
width to 20 mm

material:
aluminum anodised

circular and
corner 90° cover

material cover:
polycarbonate

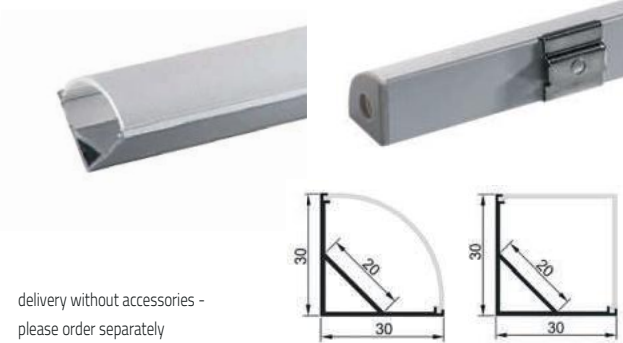
internal connectors
available
see page 163

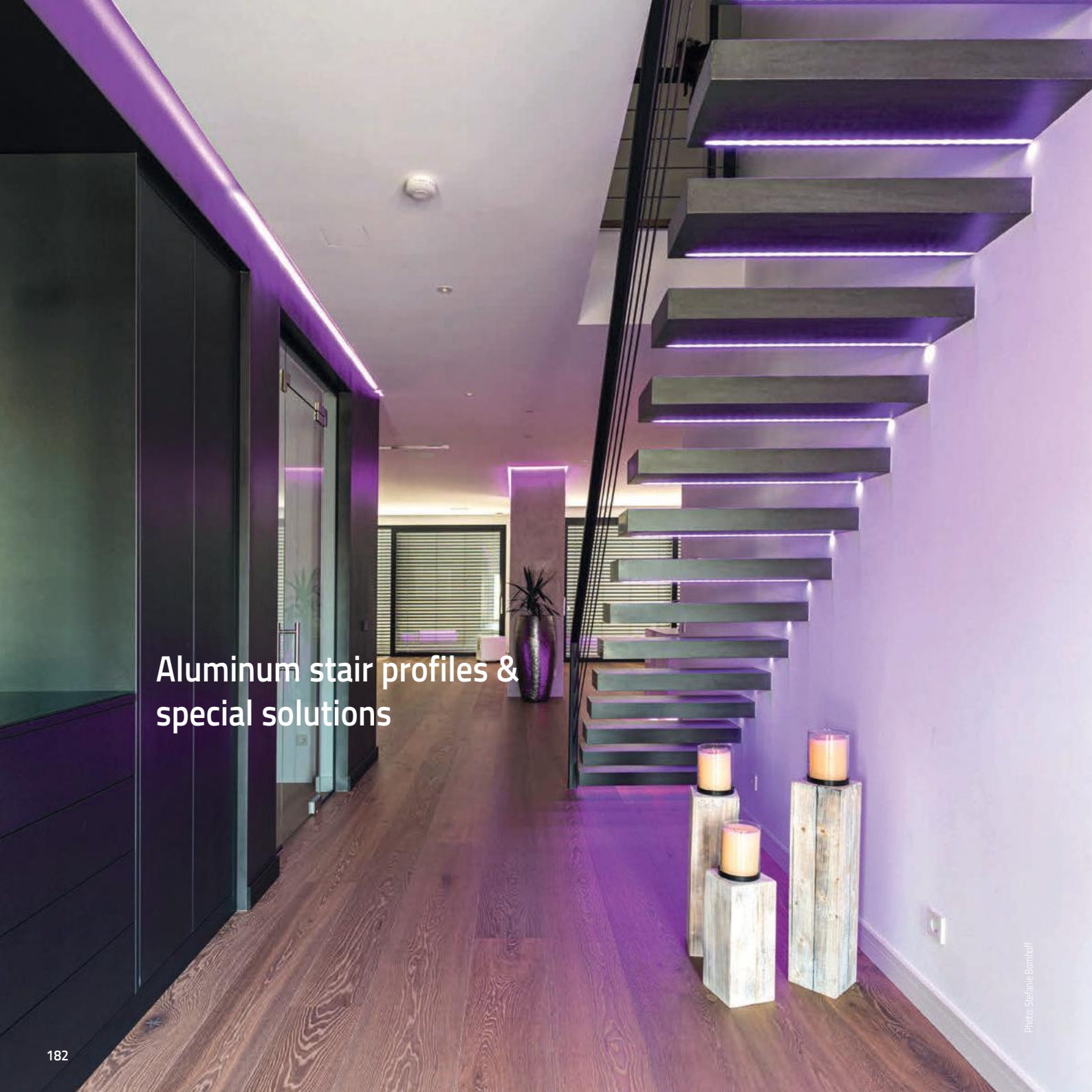
Aluminum corner profile EP30/30

- corner profile



Type	length m	Article no.
corner profile EP30/30	2	PFE655
cover EP30/30, round, opal white	2	PFE312
cover EP30/30, square, opal white	2	PFE322
end cap feed EP30/30, round		PFE818
end cap EP30/30, round		PFE819
end cap in feed EP30/30, square		PFE828
end cap EP30/30, square		PFE829
mounting clamp EP30/30		PFE810



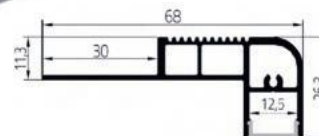
A modern interior space featuring a staircase with dark, solid treads and a black metal railing. The staircase is illuminated with warm white LED lights under each step. The floor is made of light-colored wood. On the left, there is a hallway with glass doors and a dark wooden cabinet. A large potted plant is visible in the background. In the foreground, three small wooden blocks with candles are placed on the floor. The overall atmosphere is warm and contemporary.

Aluminum stair profiles & special solutions

Aluminum stair profile indirect SP68/26

- stair profile
- internal dimension for strips up to a width to 12,2 mm

Type	length m	Article no.
stair profile indirect SP68/26	2	PFI245
cover stair profile indirect SP68/26, frosted	2	PFI558
end cap stair profile indirect SP68/26, left		PFI258
end cap stair profile indirect SP68/26, right		PFI259
end cap right		PFE259



delivery without accessories -
please order separately

indoor use

material:
aluminum anodised

flush
cover

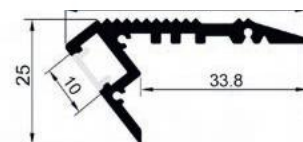
material cover:
polycarbonate

internal connectors
available
see page 163

Aluminum stair profile direct SP49/25

- stair profile
- internal dimension for strips up to a width to 10 mm

Type	length m	Article no.
stair profile direct SP49/25	2	PFE235
cover stair profile direct SP49/25, frosted	2	PFE702
end cap stair profile direct SP49/25, left		PFE268
end cap stair profile direct SP49/25, right		PFE269

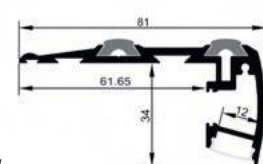


delivery without accessories -
please order separately

Aluminum stair profile indirect SP81/36

- stair profile
- internal dimension for strips up to a width to 11 mm

Type	length m	Article no.
stair profile indirect SP81/36	2	PFE245
cover stair profile indirect SP81/36, frosted	2	PFE582
antislip rubber stair profile indirect SP81/36	2	PFE581
end cap stair profile indirect SP81/36, left		PFE258
end cap stair profile indirect SP81/36, right		PFE259



delivery without accessories -
please order separately

Attention: 2 antislip rubber are necessary.

indoor use

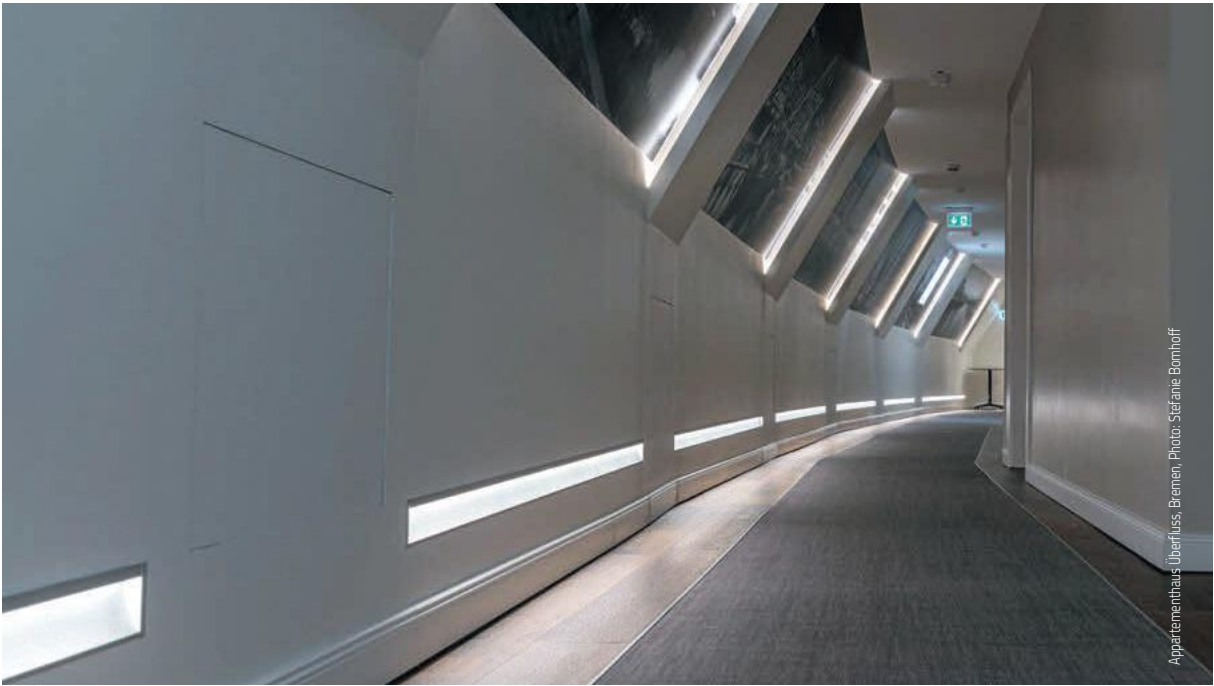
internal dimension
for strips up to a
width to 12 mm

material:
aluminum anodised

semicircular
cover

material cover:
PMMA

internal connectors
available
see page 163



Appartementhaus Überfluss, Bremen, Photo: Stefanie Bomhoff

Aluminum wall profiles WEP26/70

- wall profile
- including waved reflector for indirect lighting



delivery without accessories - please order separately

Type	length m	Article no.
wall profile WEP26/70	2	PFE095
cover WEP26/70, semicircular, clear	2	PFE157
end cap WEP26/70, right		PFE118
end cap WEP26/70, left		PFE119
mounting clamp with springs WEP26/70, metal		PFE110



indoor use

internal dimension
for strips up to a
width to 15 mm

material:
aluminum anodised

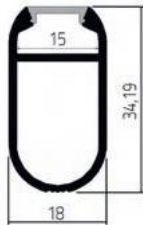
flush
cover

material cover:
polycarbonate

internal connectors
available
see page 163

Aluminum clothes rail profiles 18/34

- clothes rail profiles



Type	length m	Article no.
clothes rail profiles KSP18/34	2	PFI525
cover KSP18/34, flush, opal white	2	PFI598
Accessories		Article no.
fastening wall KSP18/34, metal		PFI589

delivery without accessories - please order separately

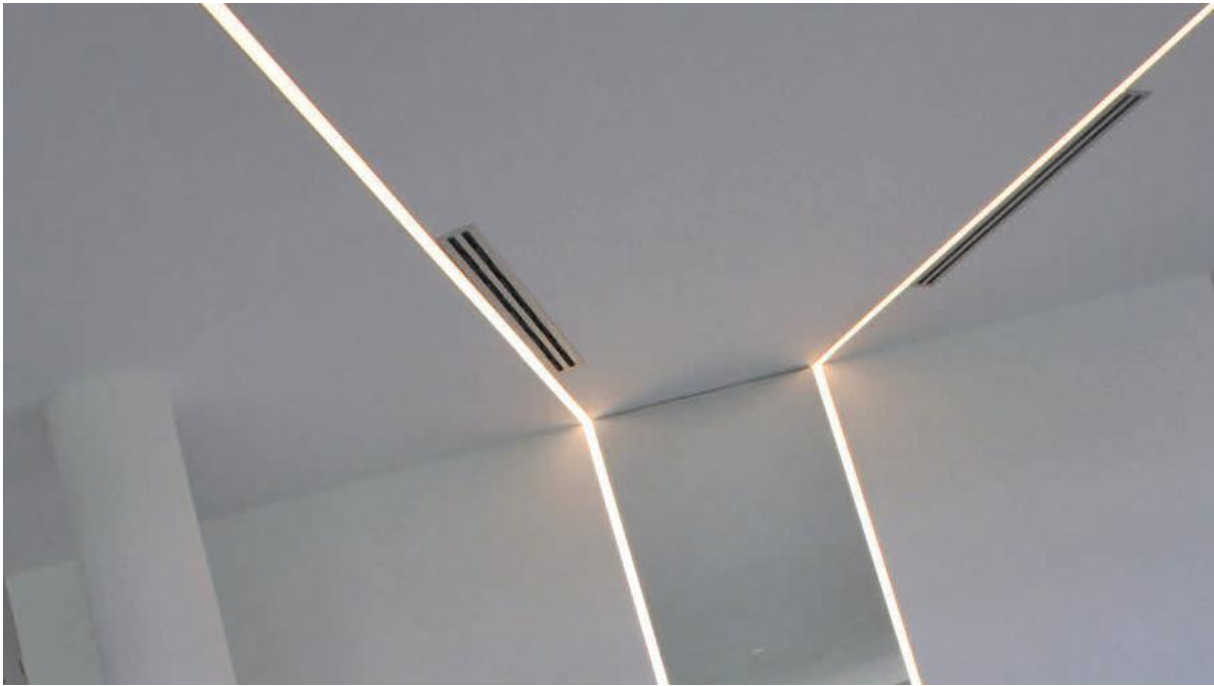
indoor use

internal dimension
for strips up to a
width to 12,2 mm

material:
aluminum anodised

flush
cover

material cover:
polycarbonate

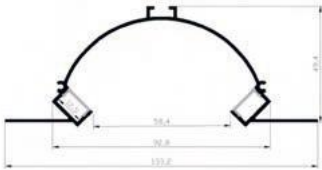


Aluminum flush-mounted profile indirect UPP93/49

- flush-mounted profile



Type	length m	Article no.
flush-mounted profile indirect UPP93/49	2	PFI225
cover flush-mounted profile indirect UPP93/49, clear	2	PFI277
end cap flush-mounted profile indirect UPP93/49		PFI289



delivery without accessories - please order separately
Attention: 2 profile cover are necessary.



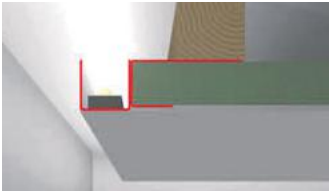
LED drywall profiles
made of primed zinc sheet

indoor use
internal dimension for strips up to a width to 13 mm
material: primed zinc sheet
frosted and clear cover
material cover: PMMA
internal connectors available see page 163



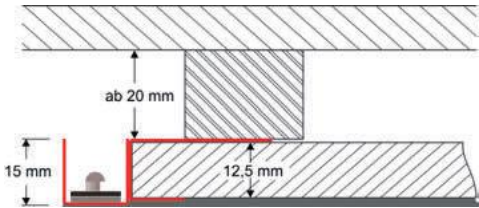
Drywall profile TP47/15

- for free (floating) surfaces with substructure for indirect lighting
- L x W x H in mm: 2.000 x 47,5 x 15



Type	length m	Article no.
drywall profile TP47/15	2	PFG305
cover clear	2	PFG397
cover frosted	2	PFG398

delivery without accessories - please order separately





indoor use

internal dimension
for strips up to a
width to 14 mm

material:
primed zinc sheet

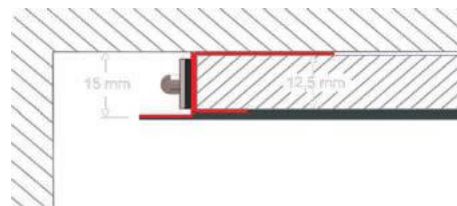
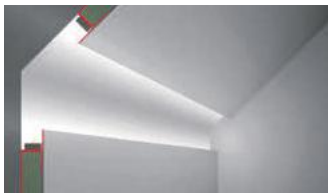
without
cover

material cover:
-

internal connectors
available
see page 163

Drywall profile TP48/15

- without visible wing for free surface / stripes lighting design with or without substructure
- L x W x H in mm: 2.000 x 48 x 15



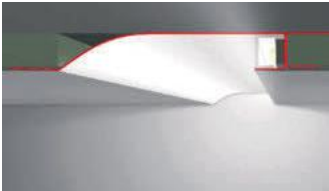
Type	length m	Article no.
drywall profile TP48/15	2	PFG315

indoor use
internal dimension for strips up to a width to 13 mm
material: primed zinc sheet
frosted and clear cover
material cover: PMMA
internal connectors available see page 163

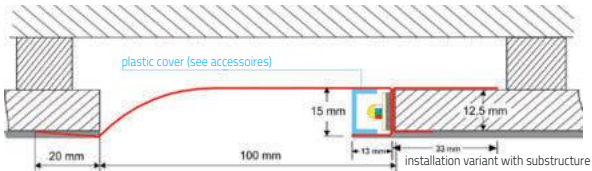


Drywall profile TP147/15

- with reflector wing for installation in the surface with or without substructure, for indirect lighting
- L x W x H in mm: 2.000 x 147 x 15



Type	length m	Article no.
drywall profile TP147/15	2	PFG325
cover clear	2	PFG397
cover frosted	2	PFG398





indoor use

internal dimension
for strips up to a
width to 14 mm

material:
primed zinc sheet

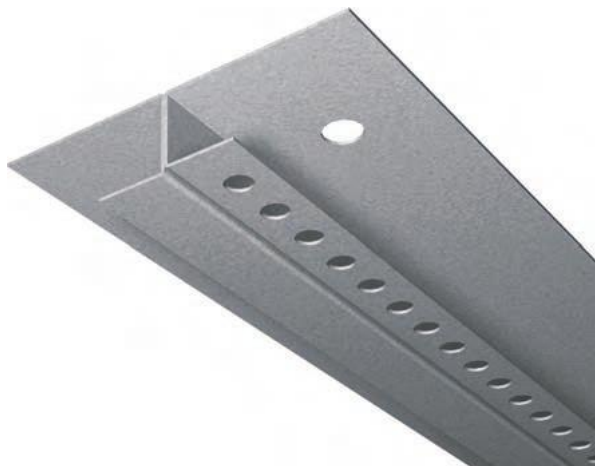
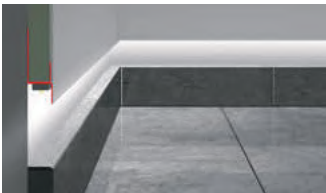
frosted and clear
cover

material cover:
PMMA

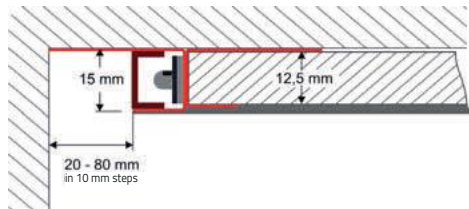
internal connectors
available
see page 163

Drywall profile TP65/15

- with visible wing, for direct connection to components with or without substructure
- L x W x H in mm: 2.000 x 65 x 15



Type	length m	Article no.
drywall profile TP65/15	2	PFG335
cover clear	2	PFG397
cover frosted	2	PFG398



indoor use
internal dimension for strips up to a width to 13 mm
material: primed zinc sheet
frosted and clear cover
material cover: PMMA
internal connectors available see page 163

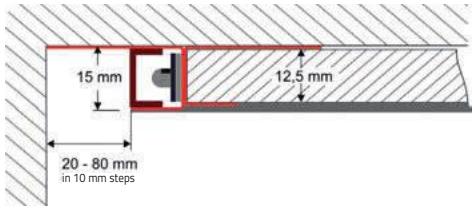


Drywall profile TP126/15

- with visible wing, for direct connection to components with or without substructure
- L x W x H in mm: 2.000 x 126 x 15



Type	length m	Article no.
drywall profile TP126/15	2	PFG345
cover clear	2	PFG397
cover frosted	2	PFG398





Vivana Wellness- und Fitnesscenter Photo: Steinhilber

indoor use

internal dimension
for strips up to a
width to 14 mm

material:
primed zinc sheet

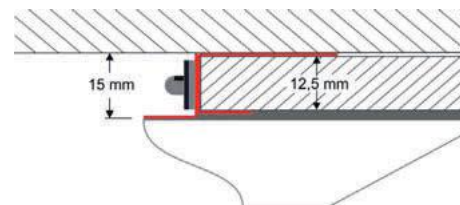
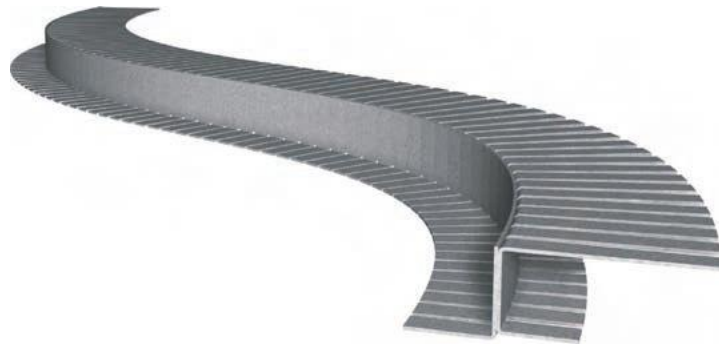
without
cover

material cover:
-

internal connectors
available
see page 163

Drywall profile TPF48/15

- for curves, without visible wing for free surface / stripe lighting design with or without substructure, for indirect lighting
- L x W x H in mm: 2.000 x 48 x 15



Type	length m	Article no.
drywall flexible profile TPF48/15	2	PFG355

Light profiles

for indoor and outdoor use

cold and heat resistant

UV resistant

light

strong

shock and water resistant

easily paintable

no special tools necessary

PU-foam





Light profile 5 x 5 rectangular

- inside dimension not suitable for power supplies and controllers



2000 x 50 x 50 mm
rectangular

Light profile 5 x 5 round

- inside dimension not suitable for power supplies and controllers



2000 x 50 x 50 mm
round

Light profile 5.5 x 4.2

- inside dimension not suitable for power supplies and controllers



2000 x 42 x 55 mm
round

Type	Art	Lenght m	Article no.
5 x 5 rectangular	fixed	2	PFG005
5 x 5 round	fixed	2	PFG015
5 x 5 round - endpiece	fixed - smooth ends	1.3	PFG018
5.5 x 4.2	fixed	2	PFG025

2000 x
34 x 83 mm
round



Light profile 8.3 x 3.4

- inside dimension not suitable for power supplies and controllers

2000 x
29 x 97 mm
diagonal



Light profile 9.7 x 2.9 diagonal

- inside dimension not suitable for power supplies and controllers

2000 x
80 x 140 mm
round



Light profile 14 x 8 waved

- inside dimension not suitable for power supplies and controllers

Type	Art	Lenght m	Article no.
8.3 x 3.4 round	fixed	2	PFG035
9.7 x 2.9 diagonal	fixed	2	PFG055
14 x 8 waved	fixed	2	PFG045





Light profile 10.3 x 10.3 round

- inside dimension suitable for power supplies and controllers



2000 x
103 x 103 mm
round

Light profile 7.4 x 17.3 round

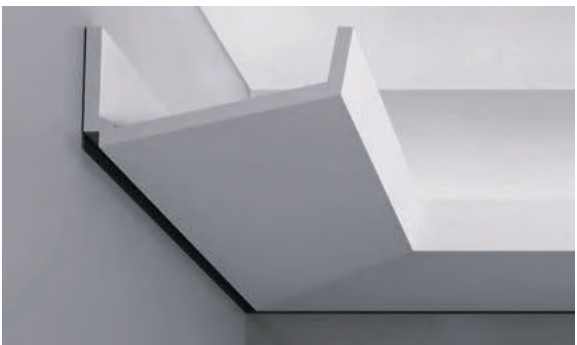
- inside dimension suitable for power supplies and controllers



2000 x
173 x 74 mm
round

Light profile 7.6 x 17.1 rectangular

- inside dimension suitable for power supplies and controllers



2000 x
171 x 76 mm
rectangular

it is necessary to
screw the profile on
the wall

Type	Art	Lenght m	Article no.
10.3 x 10.3 round	fixed	2	PFG065
10.3 x 10.3 round	flexible	2	PFG066
7.4 x 17.3 round	fixed	2	PFG075
7.6 x 17.1 rectangular	fixed	2	PFG085



Accessories for light profiles



Type	Art	Article no.
mounting aluminum profile	for VARDaflex LED strips, width 30 mm, height 20 mm, length 2 metres	PFG900
Decofix super strong, white, 310 ml	outdoor wall and ceiling for 8 metres	PFG950
Decofix Hydro, white, 290 ml	outdoor wall and ceiling for 8 metres	PFG951
Decofix Extra, transparent, 310 ml	to connect two profiles, for 80 metres - CAUTION: beware of the safety instructions	PFG952
Decofix Extra, transparent, 80 ml	to connect two profiles, for 20 metres - CAUTION: beware of the safety instructions	PFG953
protractor		PFG989
cutting bracket PVC		PFG997
cutting bracket wood		PFG998
cutting device	incl. saw	PFG999







Outdoor lights



Holds!

KEMENTARI LINEAR LED recessed floor lamp, IP67

Extremely resilient, retractable, linear LED recessed floor luminaire made of PU full cast iron with homogeneous light output. Made in Germany





KEMENTARI LINEAR LED recessed floor lamp, IP67

- Accent lighting
- 520 or 2020 mm
- monochrome, tunable white and RGB
- IP67 connectors including water stop and 270 mm cable for continuity wiring
- PU full potting
- can be driven up to 3 tons

Light colour	Power W	Lenght mm	EEK	Article no.
3500 K	3	520	A	PFC330
3500 K	12	2020	A	PFC335
3000-5000 K (Tunable White)	4.8	520	A	PFC340
3000-5000 K (Tunable White)	19.2	2020	A	PFC345
RGB	7.2	520	B	PFC320
RGB	28.8	2020	B	PFC325

Accessories	Article no.
aluminum carrier profile KEMENTARI LINEAR incl. 2 connection rails, 2 locking clamps	520 PFC310
aluminum carrier profile KEMENTARI LINEAR incl. 2 connecting rails, 4 locking clamps	2020 PFC315
dummy for assembly, aluminum	520 PFC318
end caps KEMENTARI LINEAR, aluminum, 2 pieces	PFC319

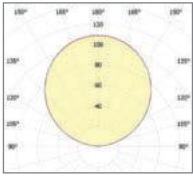


IP67

24 V DC

L x W x H:
520 resp.. 2020 x
37 x 39 mm

Temperature
range:
-20° to +45°C



Linear recessed floor lights

**LED strips in silicone hose
with a high degree of protection**



Bohmer Spitze, Bremen, Photo Stefanie Bumpff

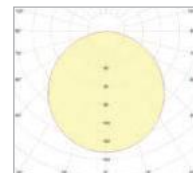
VARDAFLEX Superior IP67

- accent lighting
- CRI 98
- in silicone sleeve
- with self-adhesive back



Light colour	Light flux lm/m	Article no.
2700 K	370	PGI527
3000 K	384	PGI525
4000 K	414	PGI528

accessories see page 244, operating devices see page 268



IP67

4,8 W/m
24 V DC

100 mm
6 LEDs

CRI 98

L x W x H:
5000 x
10 x 4,6 mm

in silicone sleeve
with self-adhesive
back

Temperature
range:
-20° to +45° C

LED strips with a high degree of protection

IP67

3500 K: 4,8 W/m
coloured: 9,6 W/m

25 mm
3 LEDs

CRI 80

L x W x H:
5000 x
9 x 3,5 mm

in
silicone sleeve

Temperature
range:
20° to +45°C

Dom Hotel Limburg, Lichtplanung: Sarah Textor Dipl.-Ing. (FH) Architektur Photo: Stefanie Bommhoff



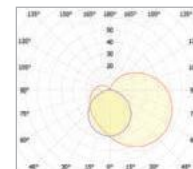
VARDAFLEX Side Mini IP67

- accent lighting
- small
- with side light exit
- in silicone sleeve



Light colour	Light flux lm/m	Article no.
3500 K	236	PHH915
red	31	PHH980
yellow	35	PHH981
blue	58	PHH982
green	257	PHH983

accessories see page 245, operating devices see page 268 ff





VIVANA Fitness & Wellness Park, Oestrich-Winkel | Photo: Stefanie Lohoff

IP67
12 W/m 24 V DC
✂ 50 mm 6 LEDs
CRI 90
L x W x H: 5000 x 5.4 x 3.5 mm
in silicone sleeve with self-adhesive back
Temperature range: 20° to +45°C

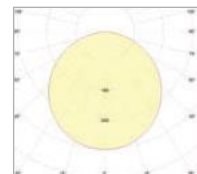
VARDAFLEX Mini IP67

- accent lighting
- very narrow
- in silicone sleeve
- with self-adhesive back



Light colour	Light flux lm/m	Article no.
2700 K	900	PGI677
3000 K	934	PGI675

accessories see page 244, operating devices see page 268 ff



LED strips with a high degree of protection

Outdoor series IP67

UV resistant

chlorine and solvent-resistant

salt water resistant

white and multicoloured



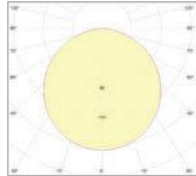
Rakelbusch GmbH - Hagenburg - Photo: Stefanie Bornhoff

VARDAFLEX Outdoor

- accent lighting
- sealed in UV-, chlorine-, salt water and solvent-resistant PVC

Light colour	Light flux lm/m	Scope of delivery	Article no.
2700 K	424	10 metre roll	PHF707
3000 K	479	10 metre roll	PHF705
4000 K	500	10 metre roll	PHF708
3000 K	479	20 metre roll	PHF715
3000 K	479	30 metre roll	PHF725

accessories see page 244, operating devices see page 268 ff



Accessories

aluminum profile VARDAfex Outdoor
plastic profile VARDAfex Outdoor

Articel no.

PFH322
PFH328

IP67

6 W/m
24 V DC

✂
167 mm
6 LEDs

CRI 80

L x W x H:
10-30000 x
15.5 x 6 mm

sealed in
PVC

Temperature
range:
-20° to +45° C

IP67

12 W/m
24 V DC

✂
83.33 mm
6 LEDs

CRI 80

L x W x H:
10-20000 x
15,5 x 6 mm

sealed in
PVC

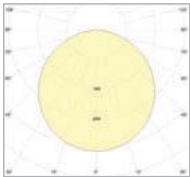
Temperature
range:
-20° to +45°C

Kirsch Pharma, Wedemark, Photo: Stefanie Bommhoff



VARDAFLEX Outdoor Plus

- accent and additional lighting
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Scope of delivery	Article no.
3000 K	958	10 metre roll	PHF735
3000 K	958	20 metre roll	PHF745
5700 K	1035	10 metre roll	PHF734

accessories see page 244, operating devices see page 268 ff

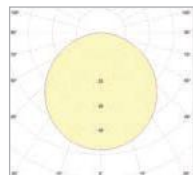
Accessories	Article no.
aluminum profile VARDaflex Outdoor	PFH322
plastic profile VARDaflex Outdoor	PFH328



Wahlen + Schabbach, Photo: Stefanie Bommhoff

VARDaflex Outdoor RGB

- accent lighting
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Scope of delivery	Article no.
RGB	140	10 metre roll	PHF706
RGB	140	20 metre roll	PHF716
RGB	140	30 metre roll	PHF726

accessories see page 244, operating devices see page 268 ff

Accessories

aluminum profile VARDaflex Outdoor
plastic profile VARDaflex Outdoor

Article no.

PFH322
PFH328

IP67

6 W/m
24 V DC

200 mm
6 LEDs

CRI -

L x W x H:
10-30000 x
15.5 x 6 mm

sealed in
PVC

Temperature
range:
-20° to +45° C

IP67

12 W/m
24 V DC

✕
100 mm
6 LEDs

CRI -

L x W x H:
10-20000 x
15.5 x 6 mm

sealed in
PVC

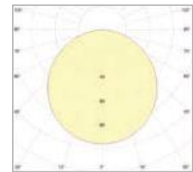
Temperature
range:
-20° to +45°C



Wasserwelt, Langenhagen, Photo: Stefanie Bornthoff

VARDAFLEX Outdoor RGB Double

- accent lighting
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Scope of delivery	Article no.
RGB	280	10 metre roll	PHF736
RGB	280	20 metre roll	PHF746

accessories see page 244, operating devices see page 268 ff

Accessories

	Article no.
aluminum profile VARDaflex Outdoor	PFH322
plastic profile VARDaflex Outdoor	PFH328



Pastorale Kultursalon & Sommergarten, Limburg, Photo: Stefanie Bombhoff

IP65

5 W/m
5 V DC

33.33 mm
1 LED

CRI -

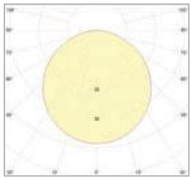
L x W x H:
2000 x
15.5 x 6 mm

sealed in
transparent
PVC

Temperature
range:
-20° to +45°C

VARDAFLEX Outdoor RGB Intelligence Thirty

- running light function, programmable based on DMX
- 30 programmable segments per metre with 1 LED each
- sealed in transparent UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Scope of delivery	Article no.
RGB Intelligence Thirty	112	2 metre roll	PHF756

operating devices see page 268 ff

Accessories	Article no.
aluminum profile VARDaflex Outdoor	PFH322
plastic profile VARDaflex Outdoor	PFH328

IP67

15 W/m
24 V DC

✕
100 mm
6 LEDs

CRI 70

L x W x H:
5000 x
15.5 x 6 mm

sealed in
transparent
PVC

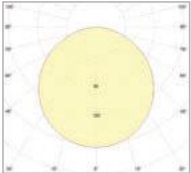
Temperature
range:
-20° to +45°C



H+ Hotel & SPA Friedrichroda - Photo: Stefanie Bomhoff

VARDAFLEX Outdoor RGBW

- accent lighting
- sealed in transparent UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Scope of delivery	Article no.
RGBW	477	5 metre roll	PHF737
operating devices see page 268			

Accessories	Article no.
aluminum profile VARDaflex Outdoor	PFH322
plastic profile VARDaflex Outdoor	PFH328

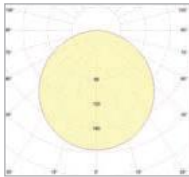


Wellness & Wellness Park, Oestrich-Winkel / Photo: Stefanie Bornhoff

IP67
15 W/m 24 V DC
✂ 125 mm 7 LEDs
CRI 70
L x W x H: 5000 x 15.5 x 6 mm
sealed in transparent PVC
Temperature range: -20° to +45° C

VARDAFLEX Outdoor RGBW Intelligence Eight

- running light function, programmable based on DMX
- RGBUWW in one chip
- 8 programmable segments per metre with 7 LEDs each
- sealed in transparent UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Scope of delivery	Article no.
RGBW Intelligence Eight	569	5 metre roll	PHF758
operating devices see page 268			

Accessories	Article no.
aluminum profile VARDaflex Outdoor	PFH322
plastic profile VARDaflex Outdoor	PFH328



VARDAflex Platin

VARDAflex Platin is our noble high-end series in the LED strip range when extraordinary linear lighting solutions are in demand.

- flexible and completely sealed LED strip in silicone sleeve
- for indoor and outdoor use
- temperature range: -45° to $+70^{\circ}\text{C}$
- saltwater, UV, chlorine and heat, solvent resistant, dirt-repellent and waterproof
- homogeneous light line
- Light colors: 2700 K and 3000 K



IP68
12 W/m 24 V DC
✂ 55.56 mm 6 LEDs
CRI 80
L x W x H: 222.4 - 20001.6 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -45° to zu + 70° C



H+ Hotel & SPA Friedrichroda, Friedrichroda, Photo: Stefanie Bomhoff

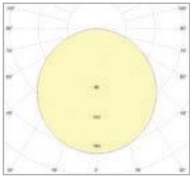
VARDAFLEX Platin SVQ

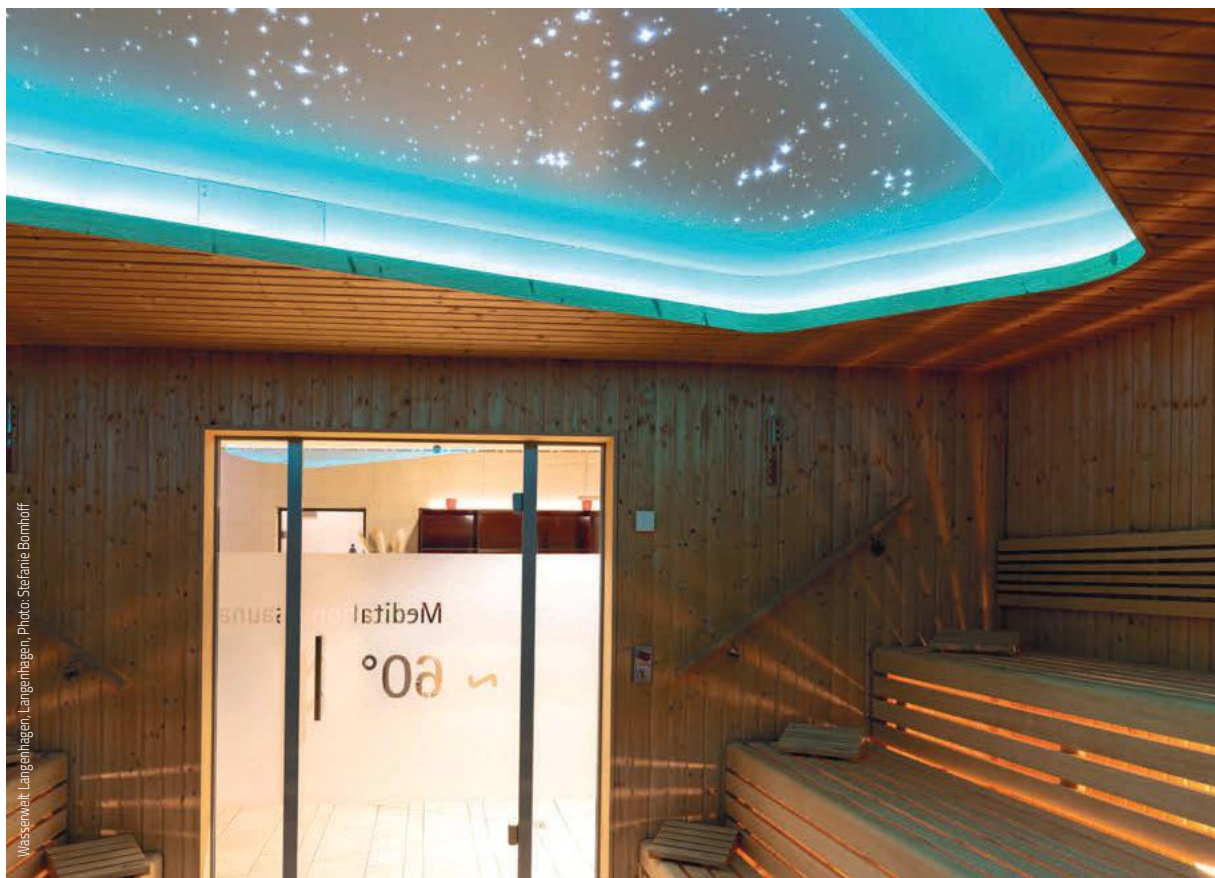
- accent lighting
- bendable sideways
- sealed in UV-, chlorine-, salt water-, solvent- and heat-resistant special silicone



Light colour	Light flux lm/m	Article no.
2700 K	495	SPGF163
3000 K	495	SPGF165

Accessories see page 245, operating devices see page 268



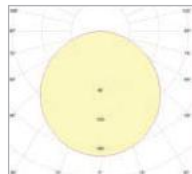


VARDAFLEX Platin TVQ

- accent lighting
- bendable underside
- sealed in UV-, chlorine-, salt water-, solvent- and heat-resistant special silicone

Light colour	Light flux lm/m	Article no.
2700 K	495	SPGF053
3000 K	495	SPGF055

Accessories see page 245, operating devices see page 268



IP68
12 W/m 24 V DC
✂ 55.56 mm 6 LEDs
CRI 80
L x W x H: 222.4 - 15.001.2 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -45° to zu + 70°C

IP68
15 W/m 24 V DC
✕ 55.56 mm 6 LEDs
CRI 80
L x W x H: 222.4 - 2000.6 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -45° to zu + 70° C



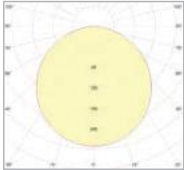
VARDAFLEX Platin Ultra SVQ

- accent and additional lighting
- bendable sideways
- sealed in UV-, chlorine-, salt water-, solvent- and heat-resistant special silicone



Light colour	Light flux lm/m	Article no.
2700 K	660	SPGF583
3000 K	680	SPGF585
4000 K	710	SPGF588

accessories see page 245, operating devices see page 268





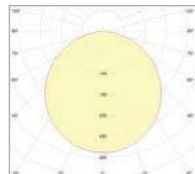
VARDAFLEX Platin Ultra TVQ

- accent and additional lighting
- bendable underside
- sealed in UV-, chlorine-, salt water-, solvent- and heat-resistant special silicone



Light colour	Light flux lm/m	Article no.
2700 K	815	SPGF593
3000 K	840	SPGF595
4000 K	880	SPGF598

accessories see page 245, operating devices see page 268



IP68

15 W/m
24 V DC

✂
55.56 mm
6 LEDs

CRI 80

L x W x H:
222.4 - 15.001.2
16 x 17 mm

Feed-in:
single + two-sided
from page 241

Temperature
range:
-45° to zu + 70°C

VARDAflex Neon

The completely sealed LED strip for indoor and outdoor use

- for indoor and outdoor use
- temperature range: -20° to 45°C
- resistant to chlorine and solvents
- easy and quick to fit
- bendable
- various light colours
- can be lengthened (practically) endlessly

Seebrücke Niendorf, Photo: Stefanie Bomhoff



IP20/66
4,5 W/m 24 V DC
✕ 83.33 mm 12 LEDs
CRI 80 (2700+3000 K)
L x W x H: 249.99 - 19999.2 x 10 x 10 mm
Feed-in: single + two-sided from page 241
Temperature range: -20 to +45°C

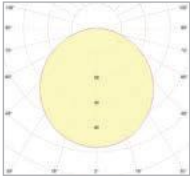


VARDAFLEX Neon Piko SVQ

- accent lighting
- bendable sideways
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC

Light colour	Light flux lm/m	Article no.
2700 K	140	SPHF613
3000 K	140	SPHF615
red	65	SPHF610
amber	55	SPHF611
blue	35	SPHF612

accessories see page 245, operating devices see page 268





AIDA Photo: Ingrid Fiebak Photography

IP20/66

4.5 W/m
24 V DC

✂
83.33 mm
12 LEDs

CRI 80
(2700+3000 K)

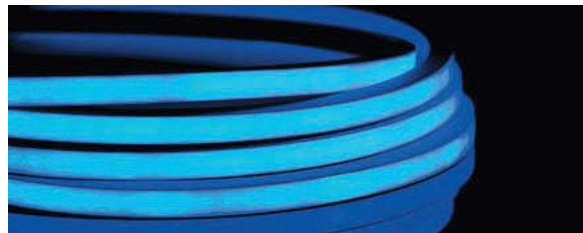
L x W x H:
249.99 - 19999.2 x
10 x 10 mm

Feed-in:
single + two-sided
from page 241

Temperature
range:
-20 to +45 °C

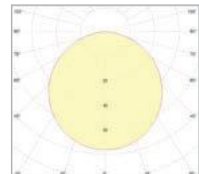
VARDAFLEX Neon Piko TVQ

- accent lighting
- bendable underside
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
2700 K	140	SPHF633
3000 K	140	SPHF635
red	65	SPHF630
amber	55	SPHF631
blue	35	SPHF632

accessories see page 245, operating devices see page 268



Neon

IP20/66

9 W/m
24 V DC

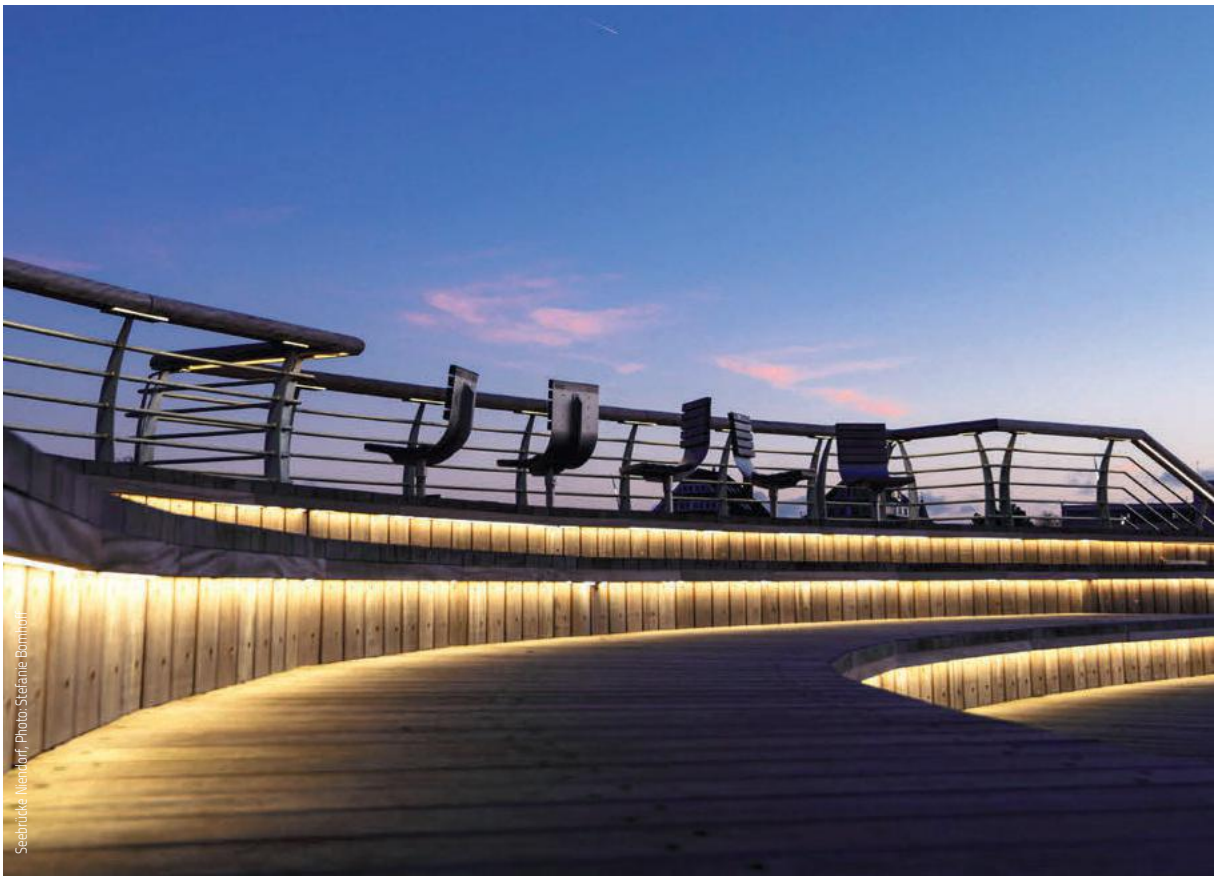
✂
83.33 mm
12 LEDs

CRI 80

L x W x H:
249.99 - 9999.2 x
10 x 10 mm

Feed-in:
single + two-sided
from page 241

Temperature
range:
-20 to +45°C



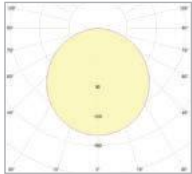
VARDAFLEX Neon Piko Ultra SVQ

- accent lighting
- bendable sideways
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
2700 K	403	SPHF653
3000 K	424	SPHF655

accessories see page 245, operating devices see page 268





Seehäcke, Mendorf, Photo: Stefanie Bernhoff

IP20/66

9 W/m
24 V DC

✂
83.33 mm
12 LEDs

CRI 80

L x W x H:
249.99 - 11999.2 x
10 x 10 mm

Feed-in:
single + two-sided
from page 241

Temperature
range:
-20 to +45°C

VARDAFLEX Neon Piko Ultra TVQ

- accent lighting
- bendable underside
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour

Light flux
lm/m

Article
no.

2700 K

403

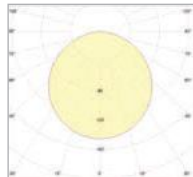
SPHF663

3000 K

424

SPHF665

accessories see page 245, operating devices see page 268



Neon

IP68
12 W/m 24 V DC
✂ 55.56 mm 6 LEDs
CRI 80
L x W x H: 222.24 - 15001.2 x 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -20 to +45°C



Hotel & Restaurant Zum Mühlenbach, Neunbrunnhausen, Photo: Stefanie Bommhoff

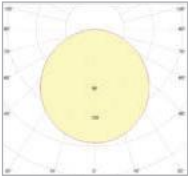
VARDAFLEX Neon SVQ

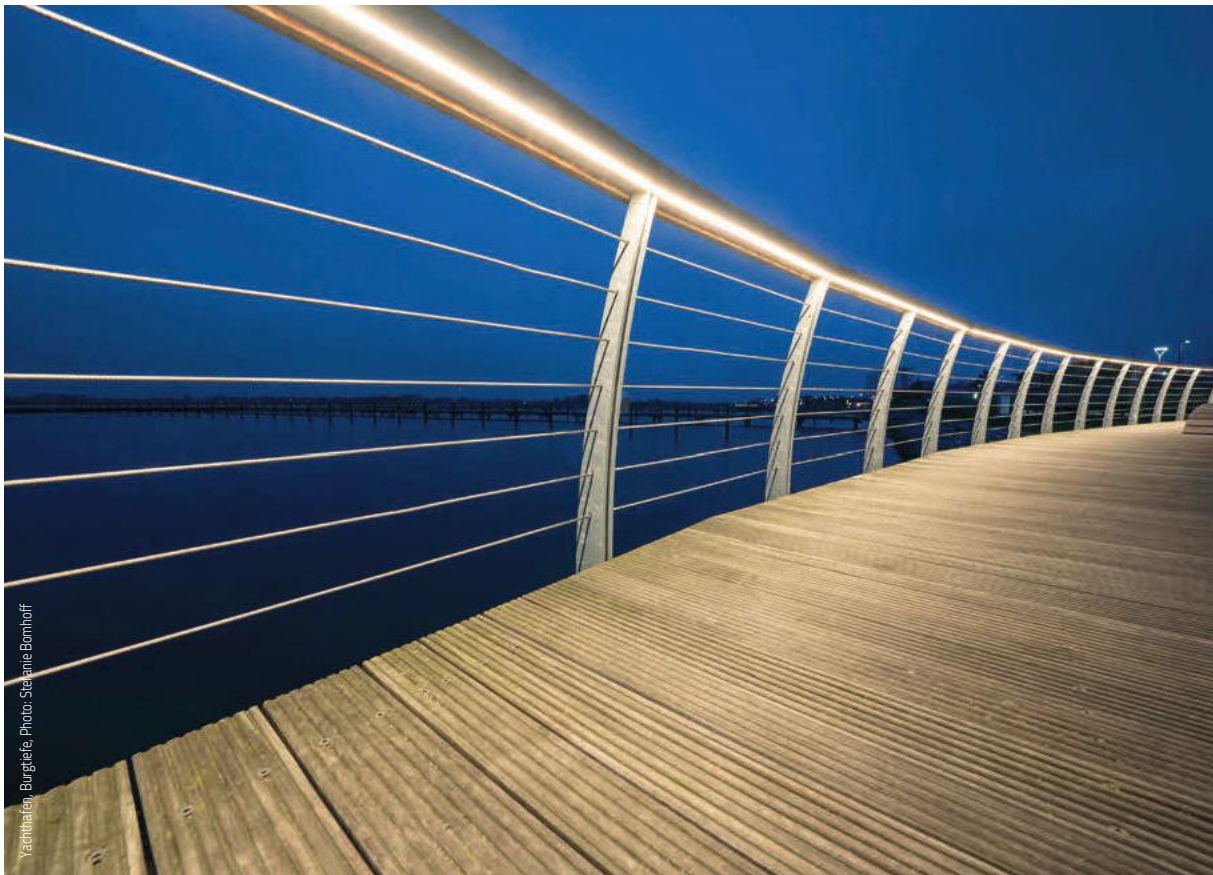
- accent lighting
- bendable sideways
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
2500 K	437	SPHF167
2700 K	450	SPHF163
3000 K	450	SPHF165

accessories see page 245, operating devices see page 268





IP68

11 Watt/m
24 V DC

✂
55.56 mm
6 LEDs

CRI -
CRI 70 und 80

L x W x H:
222.24 - 15001.2 x
16 x 17 mm

Feed-in:
single + two-sided
from page 241

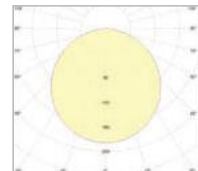
Temperature
range:
-20 to +45°C

VARDAFLEX Neon TVQ

- bendable underside
- vertical bendable
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC

Light colour	Light flux lm/m	Article no.
2700 K (CRI 70)	495	SPHF053
3500 K (CRI 70)	495	SPHF055
2700 K (CRI 80)	540	SPHF057
3000 K (CRI 80)	540	SPHF059
blue	65	SPHF052

accessories see page 245, operating devices see page 268



Neon

IP68
7.2 W/m 24 V DC
✂ 83.33 mm 9 LEDs
CRI -
L x W x H: 249.99-14999.4 x 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -20 to +45°C



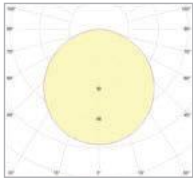
VARDAFLEX Neon TVQ

- accent lighting
- bendable underside
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
red	180	SPHF050
amber	180	SPHF051

accesories see page 245, operating devices see page 268





VIVANA Fitness & Wellness Park, Österreich - Wien | Photo: Stefanie Bornhoff

IP68

12 W/m
24 V DC

✂
83.33 mm
12 LEDs

CRI 70 (SPHF009)
CRI 80 (SPHF005)

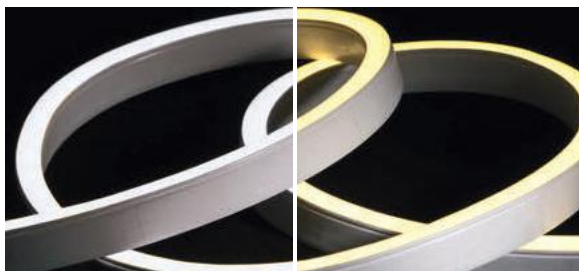
L x W x H:
249.99 - 19999.2 x
11,5 x 21 mm

Feed-in:
single + two-sided
from page 241

Temperature
range:
-20 to +45 °C

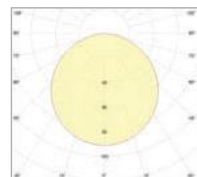
VARDAFLEX Neon Select SVQ (Tunable White)

- accent lighting
- bendable sideways
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
1900-5700 K (Tunable White)	265	SPHF009
2500-5000 K (Tunable White)	265	SPHF005

accessories see page 245, operating devices see page 268



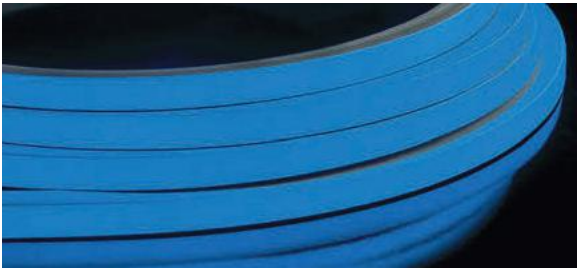
IP68
12 Watt/m 24 V DC
✕ 83.33 mm 7 LEDs
CRI -
L x W x H: 249.99-13999.4 x 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -20 to +45°C



EVS Saarbrücken, Photo: Stefanie Bomhoff

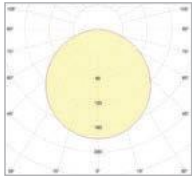
VARDAFLEX Neon TVQ RGB

- accent lighting
- bendable underside
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
RGB	520	SPHF071

accesories see page 245, operating devices see page 268





Schwimmbad Steinbergen bei Rinteln, Photo: Stefanie Bombhoff

IP68

15 W/m
24 V DC

✂
83.33 mm
7 LEDs

CRI 70

L x W x H:
249.99 - 9999.6 x
16 x 17 mm

Feed-in:
single + two-sided
from page 241

Temperature
range:
-20 to +45 °C

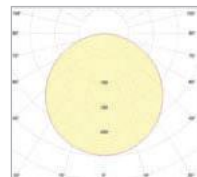
VARDAFLEX Neon TVQ RGBW

- accent lighting
- bendable underside
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



Light colour	Light flux lm/m	Article no.
RGBUWW (2700 K)	500	SPHF077
RGBWW (3000 K)	721	SPHF066
RGBNW (4000 K)	721	SPHF067

accessories see page 245, operating devices see page 268



Neon

IP68
22 W/m 24 V DC
✂ 83.33 mm 7 LEDs
CRI 70
L x W x H: 249.99-4999.8 x 16 x 17 mm
Feed-in: single + two-sided from page 241
Temperature range: -20 to +45°C



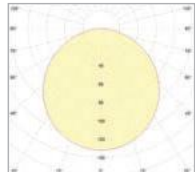
VARDAFLEX Neon TVQ RGBW - Intelligence Twelve

- accent lighting
- running light function, programmable based on DMX
- 12 programmable segments per metre with 7 LEDs each
- horizontal bendable
- sealed in UV-, chlorine-, salt water- and solvent-resistant PVC



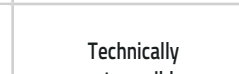
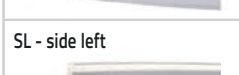
Light colour	Light flux lm/m	Article no.
RGBUWW (2600 K)	400	SPHF078

accessories see page 245, operating devices see page 268



You search for the right connection?

Variation of sealed connections for customized production, IP68

	ST - straight	SU - bottom	SR - side right	SL - side left
ST - straight				
SU - bottom				
SR - side right			Technically not possible	
SL - side left				Technically not possible

Only at Neon Top/ TVQ additionally: ST SU SR SL ST - ST ST - SU ST - SR ST - SL SU - ST SU - SU SU - SR SU - SL SR - ST SR - SU Z SR - SL SL - ST SL - SU SL - SR Z	 EK-MU-EK	 Z
--	--	--

Platin SVQ

Connection (min. 222,24 mm)	Two connections (min. 333,36 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 10 / 20 m	max. 9 / 18 m	max. 8 / 16 m	max. 6 / 12 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 10 / 20 m	max. 9 / 18 m	max. 8 / 16 m	max. 6 / 12 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 10 / 20 m	max. 9 / 18 m	max. 8 / 16 m	max. 6 / 12 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 10 / 20 m	max. 9 / 18 m	max. 8 / 16 m	max. 6 / 12 m

Platin TVQ

Connection (min. 222,24 mm)	Two connections (min. 333,36 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m

Platin Ultra SVQ/TVQ

Connection (min. 222,24 mm)	Two connections (min. 333,36 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 7,5 / 15 m	max. 7 / 14 m	max. 6,5 / 13 m	max. 5 / 10 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 7,5 / 15 m	max. 7 / 14 m	max. 6,5 / 13 m	max. 5 / 10 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 7,5 / 15 m	max. 7 / 14 m	max. 6,5 / 13 m	max. 5 / 10 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 7,5 / 15 m	max. 7 / 14 m	max. 6,5 / 13 m	max. 5 / 10 m

Type of connection / -length

Neon Piko / Neon Piko Top

Connection (min. 249,99 mm)	Two connections (min. 333,32 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight*	ST-ST*, ST-SU, ST-SL, ST-SR	max. 10 / 20 m	max. 10 / 20 m	max. 10 / 20 m	max. 7,7 / 15,4 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 10 / 20 m	max. 10 / 20 m	max. 10 / 20 m	max. 7,7 / 15,4 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 10 / 20 m	max. 10 / 20 m	max. 10 / 20 m	max. 7,7 / 15,4 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 10 / 20 m	max. 10 / 20 m	max. 10 / 20 m	max. 7,7 / 15,4 m

*IP20 only ST-EK or ST-ST possible

Neon Piko Ultra SVQ

Connection (min. 249,99 mm)	Two connections (min. 333,32 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight*	ST-ST*, ST-SU, ST-SL, ST-SR	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 3,8 / 7,6 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 3,8 / 7,6 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 3,8 / 7,6 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 3,8 / 7,6 m

*IP20 only ST-EK oder ST-ST möglich

Neon Piko Ultra TVQ

Connection (min. 249,99 mm)	Two connections (min. 333,32 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight*	ST-ST*, ST-SU, ST-SL, ST-SR	max. 6 / 12 m	max. 6 / 12 m	max. 6 / 12 m	max. 3,8 / 7,6 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 6 / 12 m	max. 6 / 12 m	max. 6 / 12 m	max. 3,8 / 7,6 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 6 / 12 m	max. 6 / 12 m	max. 6 / 12 m	max. 3,8 / 7,6 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 6 / 12 m	max. 6 / 12 m	max. 6 / 12 m	max. 3,8 / 7,6 m

*IP20 only ST-EK or ST-ST possible

Neon SVQ

Connection (min. 222,24 mm)	Two connections (min. 333,36 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 10 / 15 m	max. 9,1 / 15 m	max. 8,3 / 15 m	max. 6,6 / 13,2 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 10 / 15 m	max. 9,1 / 15 m	max. 8,3 / 15 m	max. 6,6 / 13,2 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 10 / 15 m	max. 9,1 / 15 m	max. 8,3 / 15 m	max. 6,6 / 13,2 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 10 / 15 m	max. 9,1 / 15 m	max. 8,3 / 15 m	max. 6,6 / 13,2 m

Neon TVQ

Connection (min. 222,24 mm) (amber/rot: min. 249,99 mm)	Two connections (min. 333,32 mm) (amber/red: min. 333,36 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 10 / 15 m	max. 10 / 15 m	max. 9 / 15 m	max. 7 / 14 m
-	Z - side left/right	max. 15 m	max. 15 m	max. 15 m	max. 14 m
EK-MU-EK - middle bottom	-	max. 10 m	max. 10 m	max. 9 m	max. 7

Neon Select SVQ

Connection (min. 249,99 mm)	Two connections (min. 333,32 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 10 / 20 m	max. 9,1 / 18,2 m	max. 8,3 / 16,6 m	max. 6,6 / 13,2 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 10 / 20 m	max. 9,1 / 18,2 m	max. 8,3 / 16,6 m	max. 6,6 / 13,2 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 10 / 20 m	max. 9,1 / 18,2 m	max. 8,3 / 16,6 m	max. 6,6 / 13,2 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 10 / 20 m	max. 9,1 / 18,2 m	max. 8,3 / 16,6 m	max. 6,6 / 13,2 m

Neon TVQ RGB

connection (min. 249,99 mm)	two connections (min. 333,32 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 7 / 14 m	max. 7 / 14 m	max. 6 / 12 m	max. 5 / 10 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 7 / 14 m	max. 7 / 14 m	max. 6 / 12 m	max. 5 / 10 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 7 / 14 m	max. 7 / 14 m	max. 6 / 12 m	max. 5 / 10 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 7 / 14 m	max. 7 / 14 m	max. 6 / 12 m	max. 5 / 10 m

Neon TVQ RGBW

Connection (min. 249,99 mm)	Two connections (min. 333,32 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	ST-ST, ST-SU, ST-SL, ST-SR	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m
SU-EK bottom	SU-ST, SU-SU, SU-SL, SU-SR	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m
SL-EK side left	SL-ST, SL-SU, SL-SR	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m
SR-EK side right	SR-ST, SR-SU, SR-SL	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m	max. 5 / 10 m

Neon TVQ RGBW - Intelligence Twelve

Connection (min. 249,99 mm)	0.3 / 1 metre length of wire one-/two connection	3 metres length of wire one-/two connection	5 metres length of wire one-/two connection	10 metres length of wire one-/two connection
ST-EK straight	max. 5 m	max. 5 m	max. 5 m	max. 5 m
SU-EK bottom	max. 5 m	max. 5 m	max. 5 m	max. 5 m
SL-EK side left	max. 5 m	max. 5 m	max. 5 m	max. 5 m
SR-EK side right	max. 5 m	max. 5 m	max. 5 m	max. 5 m

Accessories VARDAflex LED strips

Accessories in general

Type	Article no.
silicone, neutral cross, 20 ml tube	PHF993
silicone, neutral cross, 310 ml tube	PHI999

Accessories in general VARDAflex Superior

Type	Article no.
in-feeder IP67, single-colour, 8 mm for VARDAflex Superior IP67	PGZ590
direct connector IP67, single-colour, 8 mm for VARDAflex Superior IP67	PGZ591
silicone cap	PHH569

Accessories in general VARDAflex Outdoor

Type	Article no.
in-feeder Outdoor IP67, single-colour, SL-FC01, with 300 mm connection cable	PHF804
in-feeder Outdoor IP67, single-colour, SR-FC01, with 300 mm connection cable	PHF805
in-feeder Outdoor IP67, single-colour, SU-FC01, with 300 mm connection cable	PHF806
in-feeder Outdoor IP67, single-colour, ST-FC01, with 300 mm connection cable	PHF807
in-feeder Outdoor IP67, single-colour, ST-FC02, with 300 mm connection cable	PHF808
end cap Outdoor IP67, single-colour, FC02	PHF809
end cap Outdoor RGB	PHF792
outdoor mounting clip with 2 screws	PHF793
direct connector outdoor IP65, RGB	PHF794
in-feeder Outdoor IP67, RGB, FC01, PVC, with 300 mm connection cable	PHF796
in-feeder Outdoor IP67, RGB, FC02, PVC, with 300 mm connection cable	PHF797
end cap Outdoor IP67, RGB, PVC	PHF798
aluminum profile VARDAflex Outdoor, 2000 x 17.5 x 10 mm (L x W x H)	PFH322
PC-Profil VARDAflex Outdoor, white, 2000 x 17 x 8.8 mm (L x W x H)	PFH328

Accessories in general VARDAflex Neon/Platin

Type	Article no.
aluminum profile VARDAflex Neon/Platin SVQ/TVQ, 2000 x 20.2 x 20.8 mm (L x W x H)	PFH340
PC profile VARDAflex Neon SVQ/TVQ, black 2000 x 19 x 21 mm (L x W x H)	PFH342
aluminum profile VARDAflex Neon SVQ/TVQ, white, 2000 x 19 x 18 mm (L x W x H)	PFH343
aluminum profile VARDAflex Neon/Platin SVQ/TVQ, 2000 x 19 x 18 mm (L x B H)	PFH345
aluminum collar profile VARDAflex Neon SVQ/TVQ, 2000 x 29,5 x 20.8 mm (L x W x H)	PFH346
mounting clip aluminum collar profile VARDAflex Neon SVQ/TVQ	PFH347
PC profile VARDAflex Neon SVQ/TVQ, white, 2000 x 19 x 21 mm (L x W x H)	PFH348
aluminum profile VARDAflex Neon Piko SVQ/TVQ, 2000 x 13.8 x 14 mm (L x W x H)	PFH360
aluminum profile VARDAflex Neon Piko SVQ/TVQ, 2000 x 12 x 13.5 mm (L x W x H)	PFH370
aluminum collar profile VARDAflex Neon Piko, 2000 x 18.3 x 13.2 mm (L x W x H)	PFH374
in-feeder Neon Piko SVQ IP20, FC01, with 300 mm connection cable	PHF692
in-feeder Neon Piko SVQ IP20, FC02, with 300 mm connection cable	PHF693
end cap Neon Piko SVQ + TVQ IP20	PHF694
in-feeder Neon Piko Top TVQ IP20, FC01, with 300 mm connection cable	PHF695
in-feeder Neon Piko Top TVQ IP20, FC02, with 300 mm connection cable	PHF699

Accessories in general VARDAflex Side Mini

Type	Article no.
in-feeder caps for VARDAflex Side Mini	PHH988
end cap for VARDAflex Side Mini	PHH989



VARDAflex Protect

Can it be a little more protection?

- LED strips are encapsulated with transparent PU mass ready for connection in the aluminum profile
- saltwater and solvent resistant
- 4 standard products available
- applicable to all LED strips up to 14 watts of power
- high degree of protection IP67
- project-related production
- up to a length of 3 metres (other dimensions on request)



IP67

to 14, W/m
24 V DC

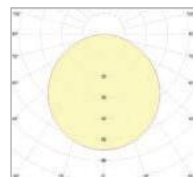
CRI
(see table)

L x W x H:
3000 x
17 x 15 mm

Temperature
range:
-20° to +45°C

VARDAFLEX Protect

- cast in aluminum profile
- transparent PU casting compound
- IP67
- with 300 mm connection cable
- project-related production, also in special lengths



Beschreibung	CRI	Light colour K	W	Article no.
VARDAflex Protect Pro	90	3000	6	SPFC100
VARDAflex Protect Quantum Plus	85	3000	11,5	SPFC110
VARDAflex Protect Select (Tunable White)	87	4000-2200	9,6	SPFC120
VARDAflex Protect 3inOne-60		RGB	14,4	SPFC130

operating devices see page 268



AIDA Photo: Ingrid Pelax Photography



Recessed ceiling lights



CALINA COB LED recessed downlights

Adapts!





IP54

13 W/m
350 mA

Light colour:
DTW, 3000 K

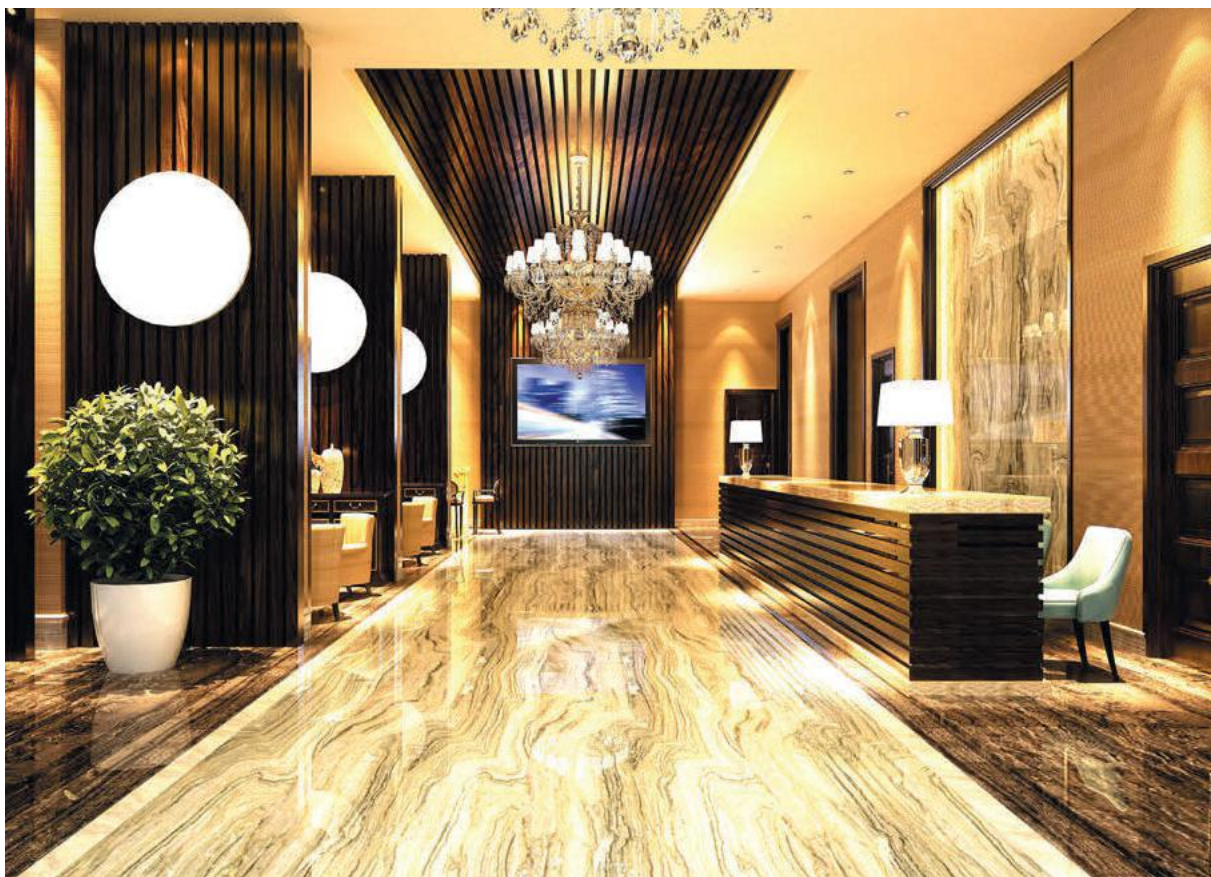
CRI 90

External dimensions:
Ø 110 x 67 mm

81 mm

Depth:
70 mm

Temperature
range:
-20° to +40°C



CALINA

- for indoor use, IP54
- diecast aluminum with protective glass
- CRI 90, fixed, circular



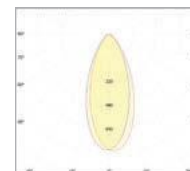
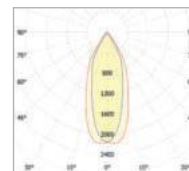
3000 K



DTW

Description	Light colour K	Colour	Light flux lm	Article no.
CALINA COB LED recessed downlights, DTW	3000 - 2000	white	546	PEG891DTWOK
CALINA COB LED recessed downlights	3000	white	1000	PEG891WWOK
CALINA COB LED recessed downlights, DTW	3000 - 2000	brushed iron	546	PEG895DTWOK
CALINA COB LED recessed downlights	3000	brushed iron	1000	PEG895WWOK

operating devices see 269



Changeable front rings CALINA



Description	Colour	Article no.
CALINA changeable front ring	red RAL3000	PEG050
CALINA changeable front ring	yellow RAL1018	PEG051
CALINA changeable front ring	blue RAL5010	PEG052
CALINA changeable front ring	green RAL6029	PEG053
CALINA changeable front ring	gold high glossy	PEG054
CALINA changeable front ring	steel high polished	PEG055
CALINA changeable front ring	copper	PEG056
CALINA changeable front ring	chrome	PEG057
CALINA changeable front ring	brown RAL8011	PEG058
CALINA changeable front ring	chrome matt	PEG059
CALINA changeable front ring	pure gold 24 K	PEG060
CALINA changeable front ring	violet RAL4006	PEG061
CALINA changeable front ring	orange RAL2003	PEG062
CALINA changeable front ring	white RAL9010	PEG063
CALINA changeable front ring	brushed iron	PEG064

IP55
8 W 350 mA
Light colour: 3000 K
CRI 90
External dimensions: Ø 82 x 44 mm
 68 mm
Depth: 55 mm
Temperature range: -20° to +40°C



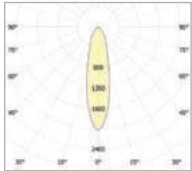
CIRDAN

- for indoor and outdoor use, IP55
- 316 stainless steel, glass reflector, protective glass
- 3000 K, CRI 80, 350 mA, fixed



Description	Dimension mm (L x W x H)	Type	W	Article no.
CIRDAN COB LED recessed downlights, white	Ø 82 x 44	circular	8	PEG691WWOK
CIRDAN COB LED recessed downlights, V4A high polished	Ø 82 x 44	circular	8	PEG69V4AWWOK
CIRDAN COB LED recessed downlights, white	82 x 82 x 44	square	8	PEG661WWOK
CIRDAN COB LED recessed downlights, V4A high polished	82 x 82 x 44	square	8	PEG66V4AWWOK

operating devices see 269





Advertising lighting

4inOne RGBW

UV-resistant

chlorine and solvent resistant salt water resistant

white and multicolored



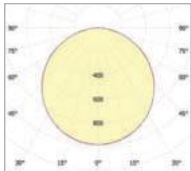
ENQE

- for indoor and outdoor use, IP67
- LED module chain, 5 metres LED module chain
- 24 V, CRI 80, 1200 mA,
dimension 63 x 41 x 8.5 mm (L x W x H)



Type	Light colour	W	Article no.
ENQE LED module chain 4inOne	20 x RGBW (2700 K)	28.8	PCE103
ENQE LED module chain 4inOne	20 x RGBW (3000 K)	28.8	PCE105
ENQE LED module chain 4inOne	20 x RGBW (4000 K)	28.8	PCE108

operating devices see 268



IP67

15 W/m
24 V DC

✂
125 mm
7 LEDs

CRI 80

L x W x H:
5000 x
15.5 x 6 mm

Temperature
range:
-20° to +45°C



Food and retail lighting

perfectly staged



IP20

31 W
900 mA

Light colour:
3000,
4000, 5000 K

CRI 90

CORU-80 series

Individual complete luminaire

Single, double or triple mounting frame made of die-cast aluminum, white powder-coated, module holder black powder-coated, cardanically mounted - assembled directly according to your wishes from various components, factory configured according to customer requirements, delivered ready for assembly.

- single, two or three flame version
- 350° rotatable and 15° pivotable
- LED modules with high color rendering in various applications, light colors and beam angles selectable
- Power LED modules with separate control gear, switchable
- any combination can be selected as a complete lamp

CORU-80 recessed spotlight

PEG504



PEG505



PEG506



Type	Dimension mm (L x W x H)	Shape	Case colour	Artikel- Nr.
CORU-80 K LED recessed spotlight, 1-fold, cardanical	140 x 140 x 77	square	white	PEG504
CORU-80 K LED recessed spotlight, 2-fold, cardanical	257 x 140 x 77	rectangular	white	PEG505
CORU-80 K LED recessed spotlightr, 3-fold, cardanical	374 x 140 x 77	rectangular	white	PEG506
CORU-80 K LED recessed spotlight, 1-fold, cardanical	ø 130 x 37	circular	white	PEG507
CORU-80 K LED recessed spotlight, 1-fold, cardanical	ø 130 x 37	circular	black	PEG508
CORU-80 LED recessed spotlight, 1-fold, movable	ø 163 x 46	circular	white	PEG509
CORU-80 LED recessed spotlight, 1-fold, movable	ø 163 x 46	circular	black	PEG510

CORU-80 LED recessed spotlight
movable

PEG507
cardinal



PEG508
cardinal



PEG509



PEG510

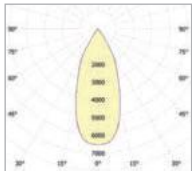


Matching LED power module CORU-80

PEG130



Beam angle 40°



Typ	Light flux lm	Beam angle	Article no.
CORU-80 Power LED module, beef	2133	40°	PEG130
CORU-80 Power LED module, bread	3440	40°	PEG131
CORU-80 Power LED module, pork, fruit	3311	40°	PEG132
CORU-80 Power LED module, cheese	2914	40°	PEG134
CORU-80 Power LED module, seafood	3440	40°	PEG135

IP20

31 W/m
900 mA

Light colour:
special
food colours

CRI 90
CRI 80 (beef)
CRI 65 (bread)

IP20
19.2 W/m 24 V DC
✂ 100 mm 6 LEDs
CRI 80
L x W x H: 5000 x 8 x 1.5 mm
Temperature range: -20° to +45°C



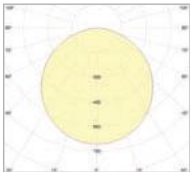
VARDAFLEX Double

- for indoor use
- flexible LED strip
- special food colours



Type	Light colour K	W/m	Article no.
VARDAflex Double, meat	1800-2000	19.2	PGI120
VARDAflex Double, fresh meat	3200-3800	19.2	PGI121
VARDAflex Double, seafood	3700-4200	19.2	PGI122
VARDAflex Double, cheese	2600-2900	19.2	PGI123
VARDAflex Double, bread	2200-2400	19.2	PGI124
VARDAflex Double, fruit	2900-3200	19.2	PGI125

accessories page onwards 162, operating devices see page 268



PGI121



IP54

24 V DC

Light colour:
6000 K

CRI 80

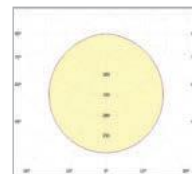
Temperature
range:
-30° to +25° C

VARDALFLEX NINQE Plus & Double

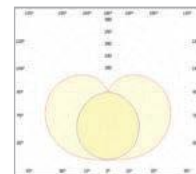
- for indoor use
- rigid LED strip, different lengths
- for cold rooms

Typ	Dimension mm (L x W x H)	Watt	Article no.
VARDaflex Ninqe Plus	311 x 10 x 10	3	PGD003
VARDaflex Ninqe Plus	611 x 10 x 10	6	PGD006
VARDaflex Ninqe Plus	911 x 10 x 10	9	PGD009
VARDaflex Ninqe Plus	1211 x 10 x 10	12	PGD012
VARDaflex Ninqe Double	311 x 18.4 x 10	6	PGD103
VARDaflex Ninqe Double	611 x 18.4 x 10	12	PGD106
VARDaflex Ninqe Double	911 x 18.4 x 10	18	PGD109
VARDaflex Ninqe Double	1211 x 18.4 x 10	24	PGD112

accessories page onwards 162, operating devices see page 268



Ninqe Plus



Ninqe Double



The background of the slide is a dark, textured surface. On the left side, there are intricate, glowing white and yellow circuit patterns that resemble a printed circuit board (PCB). These patterns are set against a backdrop of numerous bright, white, diagonal streaks that create a sense of motion and energy, similar to a long-exposure photograph of light trails or a stylized representation of data flow. The overall color palette is dominated by dark greys and blacks, with the bright yellow and white of the circuit and light streaks providing high contrast.

LED power supplies and converters LED control and bus technology

LED power supplies (constant voltage)



Type	Dimension mm (L x W x H)	IP	Power W	Article no.
LED power supplies 5 V, 90 - 264 V AC	162.5 x 42.5 x 32	67	40	PHG400
LED power supplies 12 V, 100 - 240 V AC, screw connection	176 x 46 x 30	20	60	PHE269
LED power supplies 24 V, 100 - 240 V AC	163 x 44 x 32.5	67	60	PHE376
LED power supplies 24 V, 100 - 240 V AC	187.5 x 52 x 37	64	100	PHE477
LED power supplies 24 V, 220 - 240 V AC	195 x 63 x 38	67	150	PHE378
LED power supplies 24 V, 100 - 240 V AC, with active PFC	230 x 80.5 x 34	67	199.2	PHE455
LED power supplies 24 V, 100 - 240 V AC, with active PFC	250 x 100 x 38	67	300	PHE456
LED power supplies 24 V, 100 - 240 V AC, with active PFC	300 x 100 x 38.6	67	400.8	PHE457
LED power supplies 24 V, 100 - 240 V AC, with active PFC	300 x 138 x 47	67	600	PHE458
LED power supplies 24 V, 100 - 240 V AC, screw connection	86 x 45 x 26	20	12	PHE270
LED power supplies 24 V, 100 - 240 V AC, screw connection	96 x 44.5 x 30	20	36	PHE271
LED power supplies 24 V, 100 - 240 V AC, screw connection	176 x 46 x 30	20	60	PHE272
LED power supplies 24 V, 205 - 256 V AC, triac AC dimming	107.5 x 43.5 x 32	65	40.8	PHE479
LED power supplies 24 V, 205 - 256 V AC, triac AC dimming	137.5 x 47 x 33	65	75	PHE480
LED power supplies 24 V, 220 - 240 V AC, triac AC dimming	223 x 68 x 39	67	120	PHE460
LED power supplies 24 V, 110 - 305 V AC	280 x 30 x 16.8	20	50	PHG650
LED power supplies 24 V, 110 - 305 V AC	320 x 30 x 16.8	20	80	PHG680

LED converters (constant current)



Type	Dimension mm (L x W x H)	IP	Power W	Article no.
LED converter, 700 mA, 100 - 240 V AC	74 x 35 x 23	67	3 - 6	PHE428
LED converter, 700 mA, 100 - 240 V AC	50 x 40 x 21	20	3 - 6	PHE427
LED converter, 350 mA, 100 - 240 V AC	42 x 29.5 x 21.5	65	1.1 - 2.4	PHE439
LED converter, 350 mA, 100 - 240 V AC	42 x 29.5 x 21.5	65	2.5 - 4.9	PHE440
LED converter, 700 mA, 100 - 240 V AC	42 x 29.5 x 21.5	65	2.1 - 3.5	PHE441
LED converter, 350 mA, 100 - 240 V AC	141 x 45 x 26	20	3 - 16	PHE443
LED converter, 350 mA, 100 - 240 V AC	86 x 45 x 26	20	1 - 8	PHE444
LED converter, 700 mA, 100 - 240 V AC	141 x 45 x 26	20	3 - 18	PHE430
LED converter, 600 mA, 100 - 240 V AC	57 x 40.8 x 24	64	1.8 - 6.6	PHE950
LED converter, 600 mA, 100 - 240 V AC	174.5 x 30.5 x 25	64	21 - 25.2	PHE980
LED converter, 350 mA, 100 - 240 V AC	110 x 35 x 25	64	9.1 - 14.7	PHE970
LED converter, 500 mA, 100 - 240 V AC	86 x 45 x 26	20	1.5 - 10	PHE951
LED converter, 350 mA, 100 - 240 V AC	57 x 41 x 24	67	1.4 - 7.4	PHE952
LED converter, 350 mA, 230 V AC, dimmable phasecut	ø 63 x 27.5	20	6.2 - 9	PHE445-V2
LED converter, 350 mA, 230 V AC, dimmable phasecut	ø 66 x 27	64	8 - 12	PHE446
LED converter, 600 mA, 230 V AC, dimmable phasecut	ø 66 x 27	64	4.8 - 7.2	PHE955
LED converter, 700 mA, 230 V AC, dimmable phasecut	ø 66 x 27	64	6 - 12	PHE434
LED converter, 350 mA, 230 V AC, dimmable phasecut	85 x 54 x 32.5	64	10.5 - 16.8	PHE975
LED converter, 600 mA, 230 V AC, dimmable phasecut	85 x 54 x 32.5	64	18 - 25	PHE985

LED control and bus technology - RF



Type	Dimension mm (L x W x H)	Article no.
remote control hand transmitter 4 channels, RGBW, 4 zones	120 x 55 x 17	PHZ479
controller master 12/24 V, 240/480 W	166 x 53.4 x 23	PHZ462
LED controller 12/24 V, RGBW, Set, with remote control 240 W/480 W	166 x 53.4 x 23	PHZ495
LED controller 12/24 V, single-colour, Set, with remote control 240 W/480 W	166 x 53.4 x 23	PHZ494
remote control hand transmitter 5 channels, RGB+W+WW, 4 zones	153 x 52 x 19	PHZ477
controller master 12/24 V, 60 W/120 W, RGB+W+WW	170 x 59 x 29	PHZ464
remote control hand transmitter 4 channels, RGB, 4 zones	120 x 55 x 17.7	PHZ478
controller master 12/24 V, 288 W/576 W, RGB	168 x 58 x 28	PHZ460
RF touchpanel, AC, RGBW, 4 zones, glass - black	86 x 86 x 42	PHZ540
controller master, 350 mA, 4,2 W / 8,4 W, single-colour, Select, RGB, RGBW	166 x 53.4 x 28	PHZ440
controller master, 12/24 V, 240 W/480 W, single-colour, Select, RGB, RGBW	170 x 53.4 x 23	PHZ450
controller master, IP67, 24 V, 480 W, 4x1 channel, 4 addresses	180.5 x 73.6 x 38	PHZ560
RF wall switch single-colour, 1 channel	80.9 x 80.9 x 14.3	PHZ570
RF wall switch single-colour, 2 channels	80.9 x 80.9 x 14.3	PHZ571
RF wall switch single-colour, 4 channels	80.9 x 80.9 x 14.3	PHZ574
remote control hand transmitter, UP, controllable via external buttons, single-colour, 2 zones	49.8 x 43 x 15.5	PHZ575
remote control hand transmitter 2 channels, Select, 4 zones	120 x 55 x 17	PHZ576
remote control hand transmitter 1 channel, single-colour, 4 zones	120 x 55 x 17	PHZ577
Remote control hand transmitter 1 channel, RGBW, 1 zone	136.5 x 40 x 11.5	PHZ578
remote control hand transmitter 1 channel, single-colour, 4 zones	136.5 x 40 x 11.5	PHZ579
Zigbee actuator 240 W/12 V, 480 W/24 V, single-colour, 4x1 channel	166 x 53.4 x 23	PHZ901
Zigbee actuator 240 W/12 V, 480 W/24 V, 2-colours, 2x2 channel	166 x 53.4 x 23	PHZ902
EnOcean dim actuator, 24V DC	187 x 44 x 19	PHI150
EnOcean transmitter, white, 4 channels	86 x 86 x 13.8	PHZ194

LED control and bus technology - DALI



PHZ730



PHE785-V2

PHZ770



PHZ799-V2



PHZ790-V2



PHZ530

Type

Dimension mm
(L x W x H)

Article
no.

DALI2+Push dim actuator 200-240 V, 24 V/50 W	1 address	210 x 50 x 32.5	PHZ781-V2
DALI2-dim actuator 100-240 V, 250 mA/12 W	350 mA/16,8 W,600 mA/28,8 W,700 mA/33,6 W	210 x 50 x 32	PHZ790-V2
DALI2/Push/Triac/1-10 V, dim actuator 220-240 V	200/250/300/350 mA, 10 W	103 x 52.5 x 30.5	PHZ792-V2
DALI2-dim actuator, 100-240 V, 15 W, 350 mA	1 address	166 x 53.4 x 23	PHZ795-V2
DALI2 dim actuator 230-240 V, 8 W, 350 mA	1 address	ø 58	PHZ799-V2
DALI touchpanel, AC, RGBW, 4 zones DALI	glass - black	86 x 86 x 42	PHZ530
DALI actuator 350 mA, multicolour DALI	4x1 channel, 4 addresses	166 x 53.4 x 23	PHZ730
DALI dim actuator, 240 W/12 V, 480 W/24 V, single-colour DALI	4x1 channel, 1 address	166 x 53.4 x 23	PHZ710
DALI dim actuator,12-24 V, series installation, single-colour DALI	4x1 channel, 1 address	112 x 52.5 x 65	PHZ770
DALI + Push dim actuator, 480 W / 24 V, multicolour DALI	4x1 channel, 3/4 addresses	166 x 53.4 x 23	PHZ705
DALI actuator, 12-24 V, series installation, multicolour DALI	4x1 channel, 4 addresses	112 x 52.5 x 65	PHZ775
DALI actuator IP67, 240 W/12 V, 480 W/24 V DALI	4x1 channel, 4 addresses	180.5 x 73.6 x 38	PHZ720
DALI2 dim actuator, 100-240 V, 24 V/400,8 W for VARDaFlex	1 channel, 1 address	300 x 98 x 38.5	PHE783-V2
DALI2 dim actuator, 100-240 V, 24 V/300 W for VARDaFlex	1 channel, 1 address	270 x 98 x 38.5	PHE784-V2
DALI2 dim actuator, 100-240 V, 24 V/199,2 W for VARDaFlex	1 channel, 1 address	230 x 80.3 x 33.5	PHE785-V2
DALI2 dim actuator, 100-240 V, 24 V/100,8 W for VARDaFlex	1 channel, 1 address	230 x 80.3 x 33.5	PHE787-V2
DALI-DT8, 240 W/12 V, 480 W/24 V, multicolour DALI	2,3 or 4 channel, 1 address	170 x 53.5 x 28.8	PHZ718
DALI actuator DT8, 350 mA, multicolour DALI	2,3 or 4 channel, 1 address	170 x 53.5 x 28.8	PHZ738
DALI rotary potentiometer, with integrated power supply		71.5 x 71.5 x 50.7	PHZ496

LED control and bus technology - KNX/DMX



PHZ520



PHH458



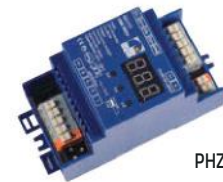
PHZ510



PHZ110



PHZ200



PHZ270

Type

Dimension mm
(L x W x H)

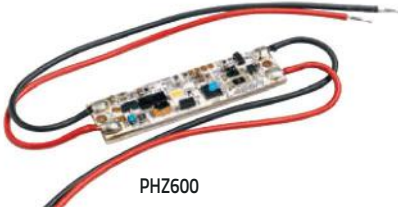
Article
no.

KNX actuator, 350 mA, single-colour/multicolour	4x1 channel, 4 addresses	166 x 53.4 x 23	PHZ110
KNX actuator, AC, 100-240 V, 100 W for 24 V	4 channels, 4 addresses	244 x 64 x 32	PHZ120
KNX actuator, 240 W/12 V, 480 W/24 V, RGB	4x1 channel, 4 addresses	166 x 53.4 x 23	PHZ100
KNX actuator, 12-24 V, series installation, multicolour	4x1 channel, 4 addresses	90 x 71.5 x 67.5	PHZ140
DMX actuator, 350 mA, multicolour	4x1 channel, 1-4 addresses	166 x 53.4 x 23	PHZ290
DMX actuator, 700mA, multicolour	4x1 channel, 3/4 addresses	166 x 53.4 x 23	PHZ291
DMX actuator, 240 W/12 V, 480 W/24 V, multicolour	4x1 channel, 3/4 addresses	166 x 53.4 x 23	PHZ200
DMX actuator, 12-24 V, series installation, multicolour	4x1 channel, 3/4 addresses	112 x 52.5 x 65	PHZ270
DMX actuator, 384 W/12 V, 768 W/24 V multicolour	4x1 channel, 3/4 addresses	168 x 58 x 28	PHZ205
DMX actuator, IP67, 240 W/12 V, 1 480 W/24 V	4x1 channel, 4 addresses	235 x 73.6 x 38	PHZ220
DMX actuator, 600 W/24 V, 5 colours	5x1 channel, 5 addresses	178 x 46.1 x 21	PHZ206
DMX signal amplifier 12/24 V		166 x 53.4 x 23	PHZ299
DMX SPI decoder, RGB (W) programmable		125 x 52 x 40	PHI600
DMX touchpanel, AC, RGBW, 4 zones	glass - black	86 x 86 x 42	PHZ520
DMX touchpanel, RGBW, 1 zone	glass - black	86 x 86 x 29.1	PHZ500
DMX touchpanel, single-colour, 4 zones	glass - white	86 x 86 x 29.1	PHZ510
TFT LED RGB+W DMX Touchscreen, 1 zone	with Alpha Nea frame, white	81 x 81 x 16	PHH458
LCD RGB DMX touchscreen construction, 4 zones	with white frame	150 x 110 x 22	PHH477
LCD RGB DMX touchscreen installation, 4 zones	with white frame	175 x 132 x 50	PHH457
frame, black	accessories touchpanel PHH477	150 x 110 x 22	PHH512
frame, brushed iron	accessories touchpanel PHH477	150 x 110 x 22	PHH515

LED control and bus technology - 1-10 V



PHZ474



PHZ600



PHZ395



PHZ491



PHZ792



PHZ473

Type	Dimension mm (L x W x H)	Article no.
dim actuator, 200-240 V, 15 W, 350 mA, 0/1-10 V	166 x 53.4 x 23	PHZ395
LED dimmer 1-10 V, 4 channels, single-colour	166 x 53.4 x 23	PHZ475
LED dimmer 1-10 V, potentiometer/switch	95 x 37 x 20	PHZ474
LED dimmer 1-10 V, switch, 8-230 V	166 x 54.3 x 23	PHZ473
LED power repeater, 350 mA, 4 channels, multicolour	166 x 53.4 x 23	PHZ490
LED power repeater, 240 W/12 V, 480 W/24 V, 4 channels, multicolour	166 x 53.4 x 23	PHZ491
LED power repeater, 480 W/12 V, 960 W/24 V, 5 channels, multicolour	170 x 59 x 28.8	PHZ492
ProxiDimmer mono for aluminum profiles-CV, gesture control, for VARDaFlex	35 x 10 x 2.7	PHZ600
ProxiDimmer select for aluminum profiles-CV, gesture control, for VARDaFlex	40 x 10 x 2.7	PHZ601
magnetic switch for aluminum profile CV, magnetic control, for VARDaFlex	35 x 8 x 1.9	PHZ602





General information

article numbers

general conditions of sale

guarantee conditions

Article numbers

PBA003-9006FS-M	44	PBE031-9010	41	PBE153	55	PBE208	55
PBA004-9006FS-M	44	PBE032-9006	41	PBE154	55	PBE209	55
PBA013-9006FS-M	44	PBE032-9010	41	PBE155	55	PBE210	55
PBA014-9006FS-M	44	PBE101	54	PBE156	55	PBE211	55
PBA103-9006FS-M	46	PBE102	54	PBE157	55	PBE212	55
PBA104-9006FS-M	46	PBE103	54	PBE158	55	PBE213	55
PBA113-9006FS-M	46	PBE104	54	PBE159	55	PBE214	55
PBA114-9006FS-M	46	PBE105	54	PBE160	55	PBE215	55
PBA505-7021FS	88	PBE106	54	PBE161	55	PBE216	55
PBA506-7021FS	88	PBE107	54	PBE162	55	PBE217	55
PBE001-9006	38	PBE108	54	PBE163	55	PBE218	55
PBE001-9010	38	PBE109	54	PBE164	55	PBE219	55
PBE002-9006	38	PBE110	54	PBE165	55	PBE220	55
PBE002-9010	38	PBE111	54	PBE166	55	PBE221	55
PBE003-9006	38	PBE112	54	PBE167	55	PBE222	55
PBE003-9010	38	PBE113	54	PBE168	55	PBE223	55
PBE004-9006	38	PBE114	54	PBE169	55	PBE224	55
PBE004-9010	38	PBE115	54	PBE170	55	PBE225	55
PBE005-9006	38	PBE116	54	PBE171	55	PBE226	55
PBE005-9010	38	PBE117	54	PBE172	55	PBE227	55
PBE006-9006	38	PBE118	54	PBE173	55	PBE228	55
PBE006-9010	38	PBE119	54	PBE174	55	PBE301	57
PBE007-9006	41	PBE120	54	PBE175	55	PBE302	57
PBE007-9010	41	PBE121	54	PBE176	55	PBE303	57
PBE008-9006	41	PBE122	54	PBE177	55	PBZ001	84
PBE008-9010	41	PBE123	54	PBE178	55	PBZ002	84
PBE009-9006	41	PBE124	54	PBE179	55	PBZ003	84
PBE009-9010	41	PBE125	54	PBE180	55	PBZ004	84
PBE010-9006	41	PBE126	54	PBE181	55	PBZ005	84
PBE010-9010	41	PBE127	54	PBE182	55	PBZ101	84
PBE011-9006	41	PBE128	54	PBE183	55	PBZ102	84
PBE011-9010	41	PBE129	54	PBE184	55	PBZ103	84
PBE012-9006	41	PBE130	54	PBE185	55	PBZ104	84
PBE012-9010	41	PBE131	54	PBE186	55	PBZ105	84
PBE021-9006	38	PBE132	54	PBE187	55	PBZ106	84
PBE021-9010	38	PBE133	55	PBE188	55	PBZ107	84
PBE022-9006	38	PBE134	55	PBE189	55	PBZ200	90
PBE022-9010	38	PBE135	55	PBE190	55	PBZ201	90
PBE023-9006	38	PBE136	55	PBE191	55	PCE103	259
PBE023-9010	38	PBE137	55	PBE192	55	PCE105	259
PBE024-9006	38	PBE138	55	PBE193	55	PCE108	259
PBE024-9010	38	PBE139	55	PBE194	55	PCF004	96
PBE025-9006	38	PBE140	55	PBE195	55	PCF005	96
PBE025-9010	38	PBE141	55	PBE196	55	PCF007	96
PBE026-9006	38	PBE142	55	PBE197	55	PCF008	96
PBE026-9010	38	PBE143	55	PBE198	55	PCF306	98
PBE027-9006	41	PBE144	55	PBE199	55	PCF309	99
PBE027-9010	41	PBE145	55	PBE200	55	PCF408	97
PBE028-9006	41	PBE146	55	PBE201	55	PCFAME	102
PBE028-9010	41	PBE147	55	PBE202	55	PCFCFO	102
PBE029-9006	41	PBE148	55	PBE203	55	PCFFLQ	102
PBE029-9010	41	PBE149	55	PBE204	55	PCFGRE	102
PBE030-9006	41	PBE150	55	PBE205	55	PCFLAB	102
PBE030-9010	41	PBE151	55	PBE206	55	PCFMOA	102
PBE031-9006	41	PBE152	55	PBE207	55	PCFPIQ	102

PCFSMQ	102	PEG122	65	PEH819WWOK	72	PFD243	179
PCFSOD	102	PEG123	65	PFB980	174+177	PFD245	179
PCFWGL	102	PEG124	65	PFC310	209	PFD246	179
PCFWQU	102	PEG125	65	PFC315	209	PFD252	179
PDA151	71	PEG130	263	PFC318	209	PFD253	179
PDA251	71	PEG131	263	PFC319	209	PFD255	179
PDA351	71	PEG132	263	PFC320	209	PFD256	179
PDA501	71	PEG134	263	PFC325	209	PFD262	179
PDH310	70	PEG135	263	PFC330	209	PFD263	179
PDH320	70	PEG201	63+67	PFC335	209	PFD265	179
PDH325	70	PEG203	63+67	PFC340	209	PFD266	179
PDH330	70	PEG204	63+67	PFC345	209	PFD270	179
PDZ151	71	PEG206	63+67	PFD002	170	PFD271	179
PDZ251	71	PEG208	63+67	PFD003	170	PFE050	167
PDZ351	71	PEG350WWOK	68	PFD005	170	PFE051	167
PDZ501	71	PEG351NWOK	68	PFD006	170	PFE052	167
PEC351NWOK	69	PEG351UWWOK	68	PFD012	170	PFE053	167
PEC351UWWOK	69	PEG351WWOK	68	PFD013	170	PFE054	167
PEC351WWOK	69	PEG352UWWOK	68	PFD015	170	PFE095	182
PEC352UWWOK	69	PEG354UWWOK	68	PFD016	170	PFE105	172
PEC354UWWOK	69	PEG355NWOK	68	PFD022	170	PFE110	182
PEC355NWOK	69	PEG355UWWOK	68	PFD023	170	PFE118	182
PEC355UWWOK	69	PEG355WWOK	68	PFD025	170	PFE119	182
PEC355WWOK	69	PEG359UWWOK	68	PFD026	170	PFE157	182
PEC359UWWOK	69	PEG501	62	PFD027	170	PFE168	172
PEE711	66	PEG502	62	PFD032	170	PFE169	172
PEE712	66	PEG503	62	PFD033	170	PFE178	172
PEE721	66	PEG504	64+262	PFD035	170	PFE179	172
PEE722	66	PEG505	64+262	PFD036	170	PFE181	172
PEE731	66	PEG506	64+262	PFD042	170	PFE188	172
PEE732	66	PEG507	64+262	PFD043	170	PFE189	172
PEG050	79+255	PEG508	64+262	PFD045	170	PFE190	172
PEG051	79+255	PEG509	64+262	PFD046	170	PFE198	172
PEG052	79+255	PEG510	64+262	PFD050	170	PFE199	172
PEG053	79+255	PEG510WW	56	PFD052	170	PFE225	48
PEG054	79+255	PEG520WW	56	PFD053	170	PFE226	48
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PEG056	79+255	PEG66V4AWWOK	80+256	PFD056	170	PFE245	185
PEG057	79+255	PEG671UWWOK	74	PFD062	171	PFE258	185
PEG058	79+255	PEG675UWWOK	74	PFD063	171	PFE259	185
PEG059	79+255	PEG681UWWOK	74	PFD065	171	PFE268	185
PEG060	79+255	PEG685UWWOK	74	PFD066	171	PFE269	185
PEG061	79+255	PEG691WWOK	80+256	PFD072	171	PFE312	181
PEG062	79+255	PEG69V4AWWOK	80+256	PFD073	171	PFE322	181
PEG063	79+255	PEG850NWOK	73	PFD075	171	PFE480	180
PEG064	79+255	PEG850UWWOK	73	PFD076	171	PFE481	180
PEG101	63+67	PEG850WWOK	73	PFD087	171	PFE540	170
PEG102	63+67	PEG851NWOK	73	PFD090	170	PFE572	180
PEG103	63+67	PEG851UWWOK	73	PFD091	170	PFE574	180
PEG104	63+67	PEG851WWOK	73	PFD102	171	PFE577	180
PEG105	63+67	PEG861WW	75	PFD103	171	PFE581	185
PEG106	63+67	PEG871WW	75	PFD105	171	PFE582	185
PEG107	63+67	PEG891DTWOK	78+254	PFD106	171	PFE592	180
PEG108	63+67	PEG891WWOK	78+254	PFD112	171	PFE594	180
PEG109	63+67	PEG895DTWOK	78+254	PFD113	171	PFE597	180
PEG110	63+67	PEG895WWOK	78+254	PFD115	171	PFE632	180
PEG111	63+67	PEH801WWOK	72	PFD116	171	PFE633	180
PEG120	65	PEH809WWOK	72	PFD120	171	PFE635	180
PEG121	65	PEH811WWOK	72	PFD242	179	PFE636	180

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PFE639	180	PFG900	202	PGI135	119	PGI465	112
PFE655	181	PFG950	202	PGI136	133	PGI467	112
PFE664	180	PFG951	202	PGI137	119	PGI468	112
PFE665	180	PFG952	202	PGI138	119	PGI505	130
PFE666	180	PFG953	202	PGI139	133	PGI507	130
PFE667	180	PFG989	202	PGI140	148	PGI508	130
PFE668	180	PFG997	202	PGI141	147	PGI525	211
PFE669	180	PFG998	202	PGI142	117	PGI527	211
PFE702	185	PFG999	202	PGI145	117	PGI528	211
PFE810	181	PFH322	215-221+244	PGI147	117	PGI535	129
PFE818	181	PFH328	215-221+244	PGI148	117	PGI537	129
PFE819	181	PFH340	245	PGI155	118	PGI538	129
PFE828	181	PFH342	245	PGI157	118	PGI571	158
PFE829	181	PFH343	245	PGI158	118	PGI572	158
PFE922	177	PFH345	245	PGI192	123	PGI573	158
PFE925	177	PFH346	245	PGI195	123	PGI575	156
PFE926	177	PFH347	245	PGI197	123	PGI577	157
PFE928	177	PFH348	245	PGI198	123	PGI675	213
PFE932	174	PFH360	245	PGI295	122	PGI677	213
PFE935	174	PFH370	245	PGI297	122	PGI842	124
PFE936	174	PFH374	245	PGI298	122	PGI845	124
PFE938	174	PFH441	169	PGI312	116	PGI847	124
PFE939	174	PFI225	186	PGI315	116	PGI848	124
PFE960	174+177	PFI245	185	PGI317	116	PGI852	145
PFE966	174	PFI258	185	PGI318	116	PGI855	145
PFE967	174	PFI259	185	PGI322	120	PGI857	145
PFE968	174	PFI277	186	PGI325	120	PGI858	145
PFE970	174+177	PFI289	186	PGI327	120	PGZ321	163
PFE973	172+174	PFI415	168	PGI328	120	PGZ322	163
PFE974	172	PFI460	168	PGI401	109	PGZ324	163
PFE975	172	PFI468	168	PGI402	109	PGZ328	163
PFE976	174	PFI478	168	PGI404	109	PGZ421	163
PFE977	174	PFI525	183	PGI405	109	PGZ422	163
PFE978	174	PFI558	185	PGI407	109	PGZ424	163
PFE982	174+177	PFI589	183	PGI408	109	PGZ428	163
PFE984	174+177	PFI598	183	PGI415	115	PGZ510	163
PFE987	174+177	PGD003	265	PGI417	115	PGZ511	163
PFE992	174+177	PGD006	265	PGI418	115	PGZ512	163
PFE994	174+177	PGD009	265	PGI422	121	PGZ520	163
PFE997	174+177	PGD012	265	PGI425	121	PGZ522	163
PFG005	197	PGD103	265	PGI427	121	PGZ524	163
PFG015	197	PGD106	265	PGI428	121	PGZ528	163
PFG018	197	PGD109	265	PGI431	110	PGZ531	163
PFG025	197	PGD112	265	PGI432	110	PGZ532	163
PFG035	198	PGD300	163	PGI434	110	PGZ533	163
PFG045	198	PGD302	163	PGI435	110	PGZ534	163
PFG055	198	PGD518	159	PGI437	110	PGZ535	163
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PFG066	201	PGE530	150	PGI441	111	PGZ538	163
PFG075	201	PGI120	264	PGI442	111	PGZ539	163
PFG085	201	PGI121	264	PGI444	111	PGZ540	163
PFG305	188	PGI122	264	PGI445	111	PGZ541	163
PFG315	189	PGI123	264	PGI447	111	PGZ590	244
PFG325	190	PGI124	264	PGI448	111	PGZ591	244
PFG335	191	PGI125	264	PGI453	125	PHA125	128
PFG345	192	PGI130	133	PGI455	125	PHA127	128
PFG355	193	PGI131	133	PGI461	112	PHA128	128
PFG397	188+190-192	PGI132	119	PGI462	112	PHA332	107

PHA335	107	PHF151	134	PHI600	272	PHZ790-V2	271
PHA337	107	PHF159	134	PHI999	244	PHZ792-V2	271
PHA338	107	PHF375	140	PHZ100	272	PHZ795-V2	271
PHA602	139	PHF378	140	PHZ110	272	PHZ799-V2	271
PHA605	139	PHF385	141	PHZ120	272	PHZ901	270
PHA607	139	PHF388	141	PHZ140	272	PHZ902	270
PHB445	143	PHF692	245	PHZ194	270	PII547	134
PHB447	143	PHF693	245	PHZ200	272	PII548	134
PHD000	137	PHF694	245	PHZ205	272	SPFC100	248
PHD095	142	PHF695	245	PHZ206	272	SPFC110	248
PHD097	142	PHF699	245	PHZ220	272	SPFC120	248
PHD345	127	PHF705	215	PHZ270	272	SPFC130	248
PHD347	127	PHF706	217	PHZ290	272	SPGF053	225
PHD348	127	PHF707	215	PHZ291	272	SPGF055	225
PHD454	144	PHF708	215	PHZ299	272	SPGF163	224
PHD455	144	PHF715	215	PHZ395	273	SPGF165	224
PHD457	144	PHF716	217	PHZ440	270	SPGF583	226
PHD458	144	PHF725	215	PHZ450	270	SPGF585	226
PHD577	153	PHF726	217	PHZ460	270	SPGF588	226
PHD578	154	PHF734	216	PHZ462	270	SPGF593	227
PHE269-V2	268	PHF735	216	PHZ464	270	SPGF595	227
PHE270	268	PHF736	218	PHZ473	273	SPGF598	227
PHE271	268	PHF737	220	PHZ474	273	SPHF005	237
PHE272-V2	268	PHF745	216	PHZ475	273	SPHF009	237
PHE374	268	PHF746	218	PHZ477	270	SPHF050	236
PHE376	268	PHF756	219	PHZ478	270	SPHF051	236
PHE378	268	PHF758	221	PHZ479	270	SPHF052	235
PHE427	269	PHF792	244	PHZ490	273	SPHF053	235
PHE428	269	PHF793	244	PHZ491	273	SPHF055	235
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PHE441	269	PHF804	244	PHZ500	272	SPHF071	238
PHE442	269	PHF805	244	PHZ510	272	SPHF077	239
PHE443	269	PHF806	244	PHZ520	272	SPHF078	240
PHE444	269	PHF807	244	PHZ530	271	SPHF163	234
PHE445-V2	269	PHF808	244	PHZ540	270	SPHF165	234
PHE446	269	PHF809	244	PHZ560	270	SPHF167	234
PHE455	268	PHF829	151	PHZ570	270	SPHF610	230
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PHE479	268	PHH477	272	PHZ578	270	SPHF631	231
PHE480	268	PHH512	272	PHZ579	270	SPHF632	231
PHE783-V2	271	PHH515	272	PHZ600	273	SPHF633	231
PHE784-V2	271	PHH569	244	PHZ601	273	SPHF635	231
PHE785-V2	271	PHH915	212	PHZ602	273	SPHF653	232
PHE787-V2	271	PHH980	212	PHZ705	271	SPHF655	232
PHE950	269	PHH981	212	PHZ710	271	SPHF663	233
PHE951	269	PHH982	212	PHZ718	271	SPHF665	233
PHE952	269	PHH983	212	PHZ720	271		
PHE955	269	PHH988	245	PHZ730	271		
PHE970	269	PHH989	245	PHZ738	271		
PHE975	269	PHH996	135	PHZ770	271		
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General Terms and Conditions of Sale of rutec Licht GmbH & Co.

§ 1 General, Scope of Application

1. These General Terms and Conditions of Sale (GTCS) shall apply to all our business relations with our customers (hereinafter: „Buyer“). The GTCS shall only apply within the meaning of Section 310 (1) of the German Civil Code (BGB) if the Buyer is an entrepreneur (Section 14 BGB), a legal entity under public law or a special fund under public law.
2. The GTCS shall apply in particular to contracts for the sale and/or delivery of movable goods (hereinafter also referred to as „goods“), irrespective of whether we manufacture the goods ourselves or purchase them from suppliers (§§ 433, 651 BGB). The GTCS in their respective version shall also apply as a framework agreement to future contracts for the sale and/or delivery of movable goods with the same Buyer without us having to reference them again in each individual case; we shall inform the Buyer immediately of any changes to our GTCS in this case.
3. Our GTCS shall apply exclusively. Deviating, conflicting or supplementary General Terms and Conditions of the Buyer shall only become part of the contract if and to the extent that we have expressly consented to their application. This consent requirement shall apply in any case, for example even if we carry out the delivery to the Buyer without reservation in the knowledge of the Buyer's General Terms and Conditions.
4. Any individual agreements made with the Buyer in particular cases (including collateral agreements, supplements and amendments) shall in any case prevail over these GTCS. A written contract or our written confirmation shall be determinant for the content of such agreements.
5. Legally relevant declarations and notifications to be made to us by the Buyer after conclusion of the contract (e.g. setting of deadlines, notifications of defects, declaration of rescission or diminution) must be made in writing in order to be effective.
6. References to the effectiveness of legal regulations shall only have a clarifying meaning. Even without such clarification, the legal regulations shall therefore apply insofar as they are not directly amended or expressly excluded in these GTCS.

§ 2 Conclusion of Contract

1. Our offers are subject to change without notice and are non-binding. This shall also apply if we have provided the Buyer with catalogues, technical documentation (e.g. drawings, plans, calculations, calculations, references to DIN standards), other product descriptions or documents - also in electronic form - to which we reserve property rights and copyrights.
2. The order of the goods by the Buyer shall be deemed a binding offer of contract. Unless otherwise stated in the order, we shall be entitled to accept this offer of contract within 2 weeks of its reception.
3. Acceptance may be declared either in writing (e.g. by order confirmation) or by delivery of the goods to the Buyer.

§ 3 Delivery period and delay in delivery

1. the delivery period shall be agreed individually or stated by us when the order is accepted. If this is not the case, the delivery period is approx. 16 weeks from the conclusion of the contract. The delivery period shall be deemed to have been met upon timely notification of readiness for delivery.

2. If we are unable to comply with binding delivery deadlines for reasons for which we are not responsible (non-availability of the service), we shall inform the Buyer of this without delay and at the same time notify the Buyer of the expected new delivery deadline. If the service is also not available within the new delivery period, we shall be entitled to withdraw from the contract in whole or in part; we shall immediately refund any contribution already made by the Buyer. A case of non-availability of the performance in this sense shall be deemed to be in particular the non-timely delivery by our supplier if we have concluded a congruent hedging transaction and neither we nor our supplier are at fault or we are not obliged to obtain the goods in the individual case.
3. The occurrence of our delay in delivery shall be determined in accordance with the legal regulations. In any case, however, a warning request by the buyer is required. If we are in default of delivery, the Buyer may demand lump-sum compensation for the damage caused by the delay. The lump-sum compensation shall amount to 0.5% of the net price (delivery value) for each completed calendar week of the delay, but in total not more than 5% of the delivery value of the goods delivered late. We reserve the right to prove that the Buyer has not suffered any damage at all or that the damage is significantly less than the above lump sum.
4. The rights of the Buyer pursuant to § 8 of these GTCS and our statutory rights, in particular in the event of an exclusion of the obligation to perform (e.g. due to impossibility or unreasonableness of performance and/or subsequent performance) shall remain unaffected.

§ 4 Delivery, Transfer of Risk, Acceptance, Default of Acceptance

1. Delivery shall be made ex (warehouse) branch in 28857 Syke, Germany, which is also the place of performance. At the Buyer's request and expense, the goods shall be delivered to another destination (sale by delivery to a place other than the place of performance (Versendungskauf)). Unless otherwise agreed, we are entitled to determine the type of delivery (in particular transport company, route, packaging) ourselves.
2. The risk of accidental loss and accidental deterioration of the goods shall pass to the Buyer at the latest upon handover. In the case of sale by delivery to a place other than the place of performance, however, the risk of accidental loss and accidental deterioration of the goods as well as the risk of delay shall pass to the Buyer upon handover of the goods to the forwarding agent, the carrier or any other person or institution designated to carry out the delivery. Insofar as acceptance has been agreed, this shall be decisive for the transfer of risk. In all other respects, the legal regulations of the law on contracts for work and services (Werkvertragsrecht) shall also apply accordingly to an agreed acceptance. The default of acceptance by the Buyer shall be deemed equivalent to handover or acceptance.
3. If the Buyer is in default of acceptance, fails to cooperate or delays our delivery for other reasons for which the Buyer is responsible, we shall be entitled to claim compensation for the resulting damage including additional expenses (e.g. storage costs). For this purpose, we shall charge a lump-sum compensation in the amount of 0.5% of the net price (delivery value) for each completed calendar week of the delay, however, not exceeding a total of 5% of the delivery value of the delayed

goods, beginning with the delivery deadline or - in the absence of a delivery deadline - with the notification that the goods are ready for delivery, or 10% of the delivery value of the delayed goods in the event of final non-acceptance.

The proof of a higher damage and our legal claims (in particular compensation of additional expenses, reasonable compensation, termination) shall remain unaffected; however, the lump sum shall be offset against further monetary claims. The purchaser shall be entitled to prove that we have not incurred any damage at all or that the damage is significantly less than the above lump sum.

§ 5 Prices and terms of payment

1. Unless otherwise agreed in individual cases, our prices shall apply ex warehouse, plus legal value-added tax.
2. In the case of sale by delivery to a place other than the place of performance (§ 4 para. 1), the buyer shall bear the transport costs ex warehouse and the costs of any transport insurance requested by the buyer. If we do not invoice the transport costs effectively incurred in the individual case, a transport cost lump sum (excluding transport insurance) in the amount of EUR 15.00 shall be deemed to have been agreed. Any customs duties, fees, taxes and other public charges shall be borne by the Buyer. We do not take back transport packaging and all other packaging in accordance with the packaging ordinance, they become the property of the buyer; pallets are excluded.
3. Otherwise, the purchase price is due and payable within 30 days from the date of invoice and delivery or acceptance of the goods. However, in the case of contracts with a delivery value of more than EUR 10,000.00, we shall be entitled to demand a down payment of 30% of the purchase price. The down payment is due and payable within 14 days from the date of invoice.
4. Upon expiry of the aforementioned payment period, the purchaser shall be deemed to be in default. During the period of default, interest shall be charged on the purchase price at the legally applicable default interest rate. We reserve the right to claim further damage caused by default. With respect to merchants, our claim to the commercial due date interest rate (§ 353 HGB) shall remain unaffected.
5. The Buyer shall only be entitled to rights of off-setting or retention to the extent that his claim has been determined by court to be legally valid or is undisputed. In the event of defects in the delivery, the Buyer's rights shall remain unaffected, in particular pursuant to § 7 para. 6 sentence 2 of these GTC.
6. If, after conclusion of the contract, it becomes apparent that our claim to the purchase price is put at risk by the Buyer's inability to pay (e.g. by filing an application for the opening of insolvency proceedings), we shall be entitled to reject performance in accordance with the legal regulations and - if necessary after setting a deadline - to rescind the contract (§ 321 of the German Civil Code (BGB)). In the case of contracts for the manufacture of unjustifiable items (custom-made products), we may declare rescission immediately; the legal regulations on the dispensability of setting a deadline shall remain unaffected.

§ 6 Retention of title

1. We retain title to the goods sold until all our present and future claims arising from the purchase contract and an ongoing business relationship (secured claims) have been paid in full.
2. The goods subject to retention of title may neither be pledged to third parties nor assigned as security before full payment of the secured claims. The buyer must inform us immediately in writing if and insofar as third parties have access to the goods belonging to us.

3. In the event of breach of contract by the Buyer, in particular in the event of non-payment of the purchase price due, we shall be entitled to rescind the contract in accordance with the legal regulations or/and to demand return of the goods on the basis of the retention of title. The demand for return does not include the declaration of rescission simultaneously; we are rather entitled to demand only the return of the goods and to reserve the right of rescission. If the Buyer does not pay the purchase price due, we may only assert these rights if we have previously set the Buyer a reasonable deadline for payment without success or if setting such a deadline is dispensable under the legal regulations.
4. The Buyer shall be entitled to resell and/or process the goods subject to retention of title in the ordinary course of business. In this case, the following provisions shall apply in a complementary manner.
 - a. The retention of title shall extend to the products resulting from the processing, mixing or combining of our goods at their full value, whereby we shall be deemed to be the manufacturer. If, in the event of processing, mixing or combining with goods of third parties, their right of ownership remains, we shall acquire co-ownership in proportion to the invoice values of the processed, mixed or combined goods. Otherwise, the same shall apply to the resulting product as to the goods delivered under retention of title.
 - b. For security purposes the Buyer hereby assigns to us the claims against third parties arising from the resale of the goods or the product in total or in the amount of our possible co-ownership share in accordance with the above paragraph. We accept the assignment. The obligations of the buyer mentioned in paragraph 2 shall apply accordingly.
 - c. The Buyer shall remain authorized to assert the claim in addition to us. We undertake not to assert the claim as long as the purchaser meets his payment obligations towards us, is not in default of payment, no application for the opening of insolvency proceedings has been filed and there is no other deficiency in his ability to pay. If this is the case, however, we may demand that the Buyer inform us of the assigned claims and their debtors, provide all information necessary for collection, hand over the relevant documents and inform the debtors (third parties) of the assignment.
 - d. If the achievable value of the securities exceeds our claims by more than 10%, we shall release securities of our choice at the request of the purchaser.

§ 7 Warranty claims of the purchaser

1. The legal regulations shall apply to the Buyer's rights in the event of material defects and defects of title (including wrong delivery and short delivery as well as improper assembly or defective assembly instructions), unless otherwise stipulated in the following. In all cases, the special statutory provisions shall remain unaffected in the case of final delivery of the goods to a consumer (supplier's recourse pursuant to § 478 BGB).
2. Our liability for defects shall be based above all on the agreed quality of the goods. All product descriptions which are the subject of the individual contract shall be deemed to be an agreement on the quality of the goods; it shall make no difference whether the product description originates from the Buyer, from the manufacturer or from us.
3. If no agreement has been made on the quality of the goods, the legal regulations shall apply to determine whether or not there is a defect (Section 434 (3) and (4) of the German Civil Code (Bürgerliches Gesetzbuch - BGB)). However, we shall not be liable for public statements made by the manufacturer or other third parties (e.g. advertising statements).

4. The Buyer's claims for defects require that he has fulfilled his legal obligations to examine the goods and to give notice of defects (§§ 377, 381 HGB). If a defect becomes apparent during the examination or later, we must be notified thereof in writing without delay. The notification shall be deemed to have been made without delay if it is made within two weeks, whereby timely dispatch of the notification shall suffice to meet the deadline. Irrespective of this obligation to examine the goods and give notice of defects, the Buyer shall notify us in writing of any obvious defects (including incorrect and short deliveries) within two weeks of delivery, whereby timely dispatch of the notice shall also suffice to meet the deadline. If the Buyer fails to duly inspect the goods and/or notify us of defects, we shall not be liable for the defect not notified.
5. If the delivered object is defective, we can first choose whether we provide subsequent performance by eliminating the defect (rectification) or by delivering an object free of defects (replacement). Our right to refuse subsequent performance under the legal requirements shall remain unaffected.
6. We shall be entitled to make the subsequent performance we are obliged to be conditional upon the Buyer paying the purchase price due. However, the Buyer shall be entitled to retain a part of the purchase price which is reasonable in relation to the defect.
7. The Buyer shall give us the time and opportunity necessary for the subsequent performance we are obliged to, in particular to hand over the goods subject to complaint for inspection purposes. In the event of a replacement delivery, the Buyer shall return the defective item to us in accordance with the legal regulations. Subsequent performance shall neither include the removal of the defective item nor its re-installation if we were not originally obligated to install it.
8. We shall bear the expenses necessary for the purpose of examination and subsequent performance, in particular transport, travel, labor and material costs (not: removal and installation costs), if a defect is actually existent. However, if a request by the Buyer to remedy a defect turns out to be unjustified, we may demand reimbursement from the Buyer of the costs incurred therefrom.
9. In urgent cases, e.g. if operational safety is endangered or to prevent disproportionate damage, the Buyer shall have the right to remedy the defect itself and to demand reimbursement from us of the expenses objectively necessary for this purpose. We are to be informed immediately of such a self-remedy, if possible in advance. The right of self-remedy shall not apply if we would be entitled to refuse a corresponding subsequent performance in accordance with the legal regulations.
10. If the subsequent performance has failed or if a reasonable period to be set by the Buyer for the subsequent performance has expired unsuccessfully or is dispensable according to the statutory provisions, the Buyer may rescind the purchase contract or diminish the purchase price. In the case of an insignificant defect, however, there shall be no right of rescission.
11. Claims of the Buyer for damages or reimbursement of futile expenses shall only exist in accordance with § 8 and shall otherwise be excluded.

§ 8 Other liability

1. Unless otherwise stipulated in these GTCS including the following provisions, we shall be liable for a breach of contractual and non-contractual obligations in accordance with the relevant legal regulations.
2. We shall be liable for damages - irrespective of the legal grounds - in the event of intent and gross negligence. In the case of simple negligence, we shall only be liable
 - a. for damages resulting from injury to life, body or health,
 - b. for damages resulting from the breach of an essential contractual

obligation (an obligation, the fulfillment of which enables the proper execution of the contract in the first place and on the observance of which the contractual partner regularly relies and may rely); in this case, however, our liability shall be limited to the compensation of the foreseeable, typically occurring damage.

3. The limitations of liability resulting from paragraph 2 shall not apply if we have fraudulently concealed a defect or have assumed a guarantee for the quality of the goods. The same shall apply to claims of the Buyer under the German Product Liability Act (Produkthaftungsgesetz).
4. A breach of contract other than a defect shall entitle the Buyer to rescind or terminate the contract only if we are responsible for the breach of contract. A free right of termination of the Buyer (in particular according to §§ 651, 649 BGB) is excluded. In all other respects, the legal requirements and legal consequences shall apply.

§ 9 Limitation of actions

1. In deviation from § 438 para. 1 no. 3 BGB, the general limitation period for claims arising from material defects and defects of title shall be one year from delivery. If acceptance has been agreed, the limitation period shall commence upon acceptance.
2. If, however, the goods are a construction or an object which has been used for a construction in accordance with its usual manner of use and has caused its defectiveness (construction material), the limitation period shall be 5 years from delivery in accordance with the legal regulation (§ 438 para. 1 no. 2 BGB). Also unaffected are special legal regulations for material claims for the restitution of property by third parties (§ 438 para. 1 no. 1 BGB), in the event of fraudulent intent on the part of the Seller (§ 438 para. 3 BGB) and for claims in supplier regress in the case of final delivery to a consumer (§ 8 BGB).
3. The above limitation periods of the law on sales shall also apply to contractual and non-contractual claims for damages of the Buyer based on a defect of the goods, unless the application of the regular legal limitation period (§§ 195, 199 BGB) would lead to a shorter limitation period in individual cases. The limitation periods of the Product Liability Act shall remain unaffected in any case. Otherwise, the legal limitation periods shall apply exclusively to the Buyer's claims for damages pursuant to § 8.

§ 10 Choice of Law and Place of Jurisdiction

1. The law of the Federal Republic of Germany shall apply to these GTCS and all legal relationships between us and the Buyer, to the exclusion of international uniform law, in particular the UN Convention on Contracts for the International Sale of Goods. The conditions and effects of the retention of title pursuant to § 6 shall be governed by the law of the respective place of storage of the item, insofar as the choice of law made in favor of German law is inadmissible or ineffective thereafter.
2. If the Buyer is a merchant within the meaning of the German Commercial Code (HGB), a legal entity under public law or a special fund under public law, the exclusive place of jurisdiction - including international jurisdiction - for all disputes arising directly or indirectly from the contractual relationship shall be our place of business in Syke. However, we shall also be entitled to bring an action at the Buyer's general place of jurisdiction.

§ 11 Severability clause

Should individual provisions of this agreement be or become invalid in whole or in part, the validity of the remaining provisions shall remain unaffected. Should any provision of this agreement be invalid, it shall be replaced by a valid provision that comes as close as possible to the intended purpose in economic terms.

Terms of guarantee

We guarantee the user fault-free operation of our products for a period of 2 years from the date of sale. For the operation of the LEDs we guarantee a fault-free operation for a period of 5 years. In this context it must be noted that for suitable accessories (e.g. power supplies and converters) only 2 years warranty can be granted. In the event of defects occurring within the aforementioned period, a replacement product will be supplied for exchange as a warranty service. Any further warranty service for lost profits, business or income, the loss of expected savings or other consequential losses is not assumed. The user may only demand warranty service upon presentation of proof of purchase or delivery.

Our guarantee shall not apply if the user does not follow the instructions and measures below and the defect that has occurred is due to this.

The legal warranty rights of the user are not limited by these terms of guarantee.

Notes

1. LED lights, modules and strips often consist of sensitive electronic components. Therefore, careful handling is generally recommended. The instructions on the packaging and the contents of the product data sheets must be observed and have to be followed.
2. LED systems require special knowledge for planning and installation. For extensive systems, the involvement of a specialist electrician is recommended. The use of our components or products on site is beyond our control and is therefore the sole responsibility of the user.
3. In general, minimum, maximum and pitch lengths as well as minimum and maximum loads of modules or cables have to be considered. Individual components must be correctly matched to each other (e.g. with regard to loads, cable properties, control systems).
4. The combination of our products with components from other manufacturers is beyond our control and will void the guarantee. Especially in the case of control systems, compatibility with other manufacturers is often not given.
5. LEDs work best in a cool environment. Heat build-up should therefore be avoided.
6. Certain brightness and color deviations are normal due to the production technology of the LEDs. For LED installations, we strongly recommend a photometric test with a sample. Deviations can also be caused by mixing different batches, e.g. by partial deliveries, subsequent deliveries, etc. from different production processes. A guarantee of the greatest possible color uniformity can only be given if one and the same order is processed. In case of doubt, components from the same batch must be kept in stock.
7. An RGB (red / green / blue) color light mixture only makes sense if a color gradient is desired in the first place. It is possible to create the color „white“ via color mixing. However, this means a maximum load of the components in permanent position, which will lead to a reduction of the service life, which has to be considered.
8. The LEDs used in lighting technology are qualified as „harmless“ according to EN 60825-1 with regard to eye safety. Nevertheless, never look directly into illuminated LEDs. This applies in particular to high-power (power) LEDs with an extremely high luminance.
9. Depending on the ambient temperature, the operating hours of LEDs are 20,000-50,000 h, in some cases even more.
10. The replacement of individual LEDs, LED modules or other components is only possible in isolated cases. At the end of their service life, LED systems must be disposed of in accordance with the regulations.

11. The service life of LED luminaires with a permanently installed converter always refers to the LED.
12. The user must provide us with proof of proper interim storage, installation and maintenance of the LEDs (if necessary, submit the test protocol before installation).

Installation measures

prior to the installation of LED components (e.g. gluing LED strips into carrier profiles or inserting them into closed systems)

1. When handling with and without tools, LEDs, connectors and other electronic components as well as conductor paths must not be stressed. When gluing in LED modules, careful pressing with clean fingers is possible. Transverse forces on components must generally be avoided.
2. Chips produced during installation (e.g. by drilling, sawing, filing), dust, etc. must be avoided.
It is essential to remove any chips (e.g. from drilling, sawing, filing), dust, dirt and grease produced during installation (risk of short circuits or bridging). If necessary, suitable cleaning agents must be used.
3. Plug connections must be „plugged“ correctly. Do not move plugs horizontally or vertically and do not twist them by 180°. Insert plugs straight and completely so that optimum contact is ensured. Do not kink plug connections!
4. ESD regulations (electrostatic discharge) must be observed during installation. The correct polarity must be observed (plus, minus, signal lines).
5. Before final installation, a function test must be carried out (e.g. by means of a test setup). A corresponding protocol must be drawn up.
6. If components or luminaires are exposed to moisture

and / or dust, suitable protective measures must be taken on site / by the customer if the manufacturer does not have the appropriate approval (e.g. appropriate IP protection class).

7. In the case of closed LED systems, access to the components (inspection options) must be provided. The thermal management can make ventilation slots necessary, which in turn allow dust to penetrate. The dust must be carefully removed at regular intervals.



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