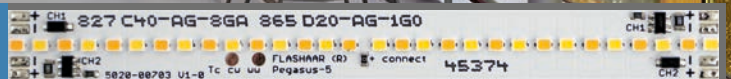




NP Pegasus-5

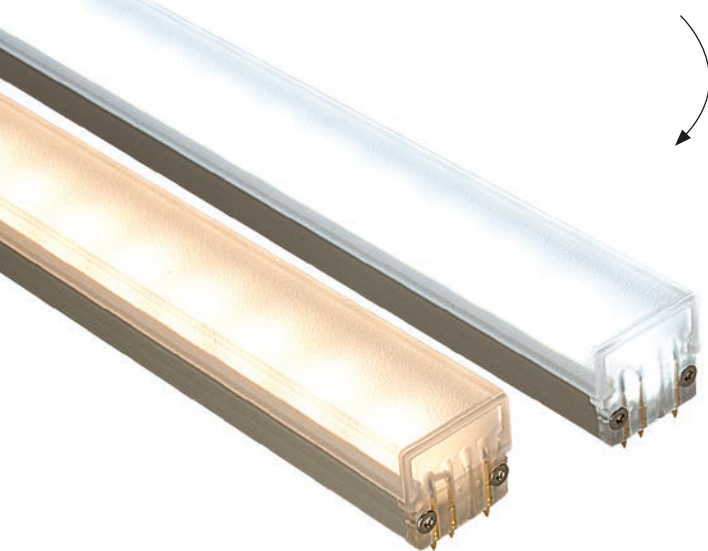


DATENBLATT
DATASHEET



16 m per feed-in | 2200 lm/m* | CRI > 90 | 2200 K - 6500 K

angenehm, wechselnde Lichtverhältnisse je nach Bedarf
pleasant, changing lighting conditions depending on as required



NauticProfil® Pegasus-5

„Biodynamisches“ Licht dank frei wählbarer Farbtemperatur.

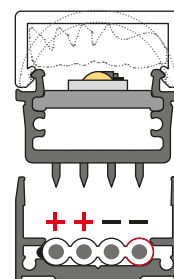
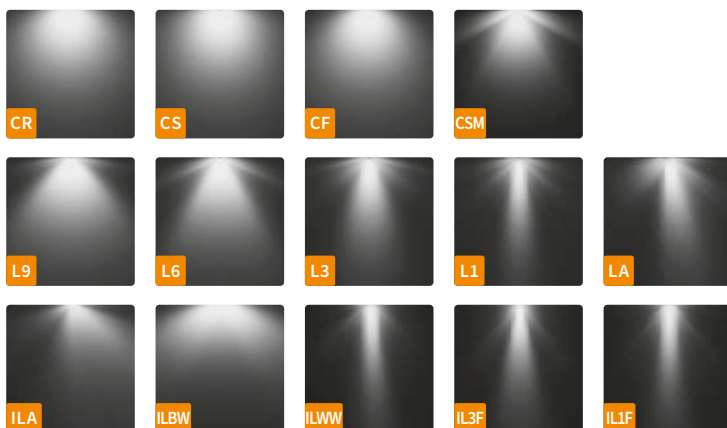
Biodynamic“ light thanks to freely selectable colour temperature

Unser **NauticProfil® Pegasus-5** ermöglicht leistungsstarke lineare Beleuchtungen mit einstellbarer Farbtemperatur. Zur Verfügung stehen zwei Farbtemperaturen pro LED-Linie. Standard sind 2700 K + 6500 K. Andere Varianten auf Anfrage.

Von warmweißen 2200 K bis hin zu kaltweißen 6500 K lassen sich Lichtenwendungen, die den Tageslichtverlauf nachbilden und damit dem natürlichen Biorhythmus entsprechen, optimal umsetzen. 2200lm/m* sorgen für eine helle Grundbeleuchtung oder auch ein warmes Wohlfühlambiente in Restaurants, Hotels, Krankenhäusern, Büros, Verwaltungen oder Privatwohnungen.

Our **NauticProfil® Pegasus-5** enables powerful linear lighting with adjustable colour temperature. Two colour temperatures are available for each LED line. The standard colours are 2700 K + 6500 K. Other variants on request.

From warm white 2200 K to cool white 6500 K, lighting applications that reproduce the course of daylight and thus correspond to the natural biorhythm can be optimally implemented. 2200 lm/m* provides bright ambient lighting or a warm feel-good ambience in restaurants, hotels, hospitals, offices, administrations as well as private residences.



NP cover / lenses
NP board
NP base profile G1

NP mounting profile (e.g. NP-S1)
pin configuration
NP flat cable



characteristics



dimming



optional



mounting



* Alle Angaben zum Lumenstrom beziehen sich auf das Leuchtmittel. In Kombination mit Cover / Linsen kommt es zu material-bedingtem Lichtverlust.
All information about the luminous flux refers to the light source. In combination with covers / lenses it comes to material-related light loss

Bestellnummer
item number

NP/L2C/G1/09E

L2C/G1/

112

G1/

ALA

927/965

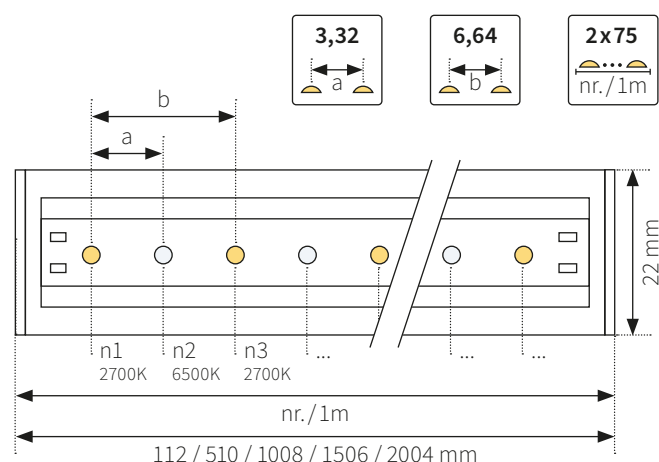
CR W

Technische Daten

technical data

nominal voltage: **48 V DC** (Range: 44,25 to 49,5 V DC)
nominal wattage: **20 W/m** CH1 (2700 K)
20 W/m CH2 (6500 K) (standard)
photometric code: 927 / 339 + 965 / 339; **CRI typ. 92 + 92**
luminous efficiency [typ]: **112 lm/W** (2700 K), **126 lm/W** (6500 K)
LED service life: L90/B10 > 100 000 h
dimable: pulse width modulation (PWM)
length dividing matrix: 100 mm
LED pitch: 2 x 3,32 mm, 2 x 75 LEDs/m
max. length per feed-in: 16 m (2 x 414 W) CH1 + CH2,
with a 2 x 16 A PWM dimmer, according to cabling scheme
D/PWM/2aa

⚠ Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.
All optical and electrical data have a tolerance of +/- 10%.



⚠ **Achtung!** Der Betrieb beider Lichtfarben gleichzeitig auf 100 % ist nicht zulässig!
Auf ausreichende Kühlung ist zu achten. **Max. 24 W/m Gesamtleistung.**
Attention! Operating both light colours at 100 % at the same time is not permitted! Sufficient cooling must be ensured. **Maximum total output 24 W/m.**

Farbtemperatur und Lumenstrom

colour temperature and luminous flux

	WW 2700 K	DL 6500 K
Farbtemperatur colour temperature		
CRI typ.	92	92
Lumenstrom typ. luminous flux* typ	2264lm/m	2540lm/m
	927	965

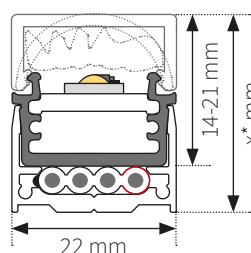
* Alle Angaben zum Lumenstrom beziehen sich auf das Leuchtmittel. In Kombination mit Cover/Linsen kommt es zu materialbedingtem Lichtverlust.
* All information about the luminous flux refers to the light source. In combination with covers/lenses it comes to material-related light loss.

Basisprofil

base profile

Das Basisprofil G1 ist mit allen NP Montageprofilen von FLASHAAR® per Plug & Play kombinierbar. Es ist in den Farben Aluminium (ALA) und Schwarz (BA) eloxiert erhältlich.

The base profile G1 can be combined with all NP mounting profiles from FLASHAAR® by Plug & Play. It is available in the colours aluminium (ALA) and black (BA) anodised.



■ G1/ALA (Standard)

■ G1/BA

*Leuchtenhöhe abhängig vom Montageprofil
(21 - 168 mm)

*Luminaire height depending on mounting
profile (21 - 168 mm)

Übersicht Standardlängen & Wattagen

overview standard lengths & wattages

IP40, IP65, IP65 Premium		
product-nr.	L (mm)*	Watt** 2700+6500 K
NP/L2C/G1/09E/L2C/G1/0112/###/###	112	2,24 2,24
NP/L2C/G1/09E/L2C/G1/0510/###/###	510	10,20 10,20
NP/L2C/G1/09E/L2C/G1/1008/###/###	1008	20,16 20,16

⚠ ***Achtung!** Bei Leuchten der Länge > 1m werden, wegen der hohen Leistung, Piercing-Kontakte (PIN) in beiden Endkappen verbaut. **Leistungsangaben +/- 10%
Im Außenbereich (IP65 und IP65 Premium) ist maximal ein Leuchteneinsatz in der Länge von 112 mm bis 1008 mm realisierbar.







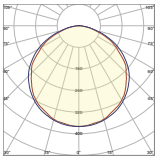
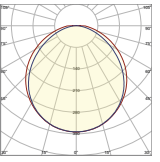
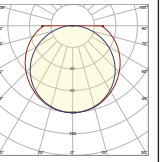

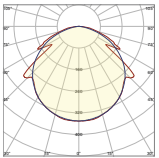
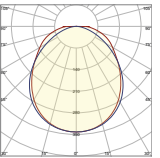
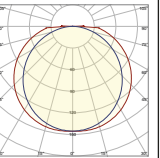
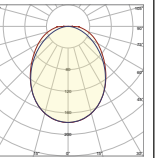
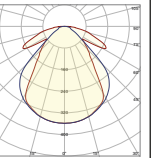

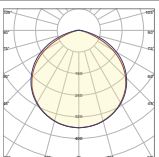
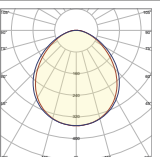
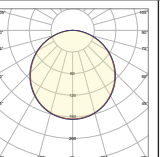
***Attention!** For luminaires of length > 1m, piercing contacts (PIN) are installed in both end caps due to the high power. ** performance data +/- 10%
In outdoor areas (IP65 and IP65 Premium), a maximum of one luminaire insert can be realised in lengths from 112 mm to 1008 mm.

IP40		
product-nr.	L (mm)*	Watt** 2700+6500 K
NP/L2C/G1/09E/L2C/G1/1506/###/###	1506	30,12 30,12
NP/L2C/G1/09E/L2C/G1/2004/###/###	2004	40,08 40,08

2700 K – Lichtverteilungskurven mit verschiedenen Abdeckungen NP/L2C/G1/09E

2700 K – light distribution curves with different covers NP/L2C/G1/09E




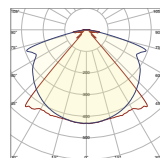
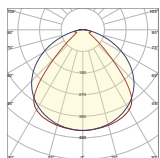

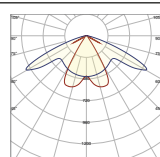
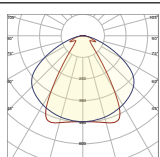

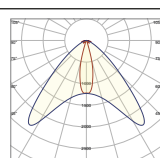
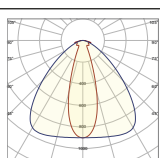

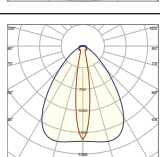

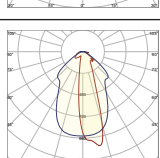
IP40




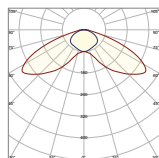

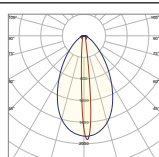

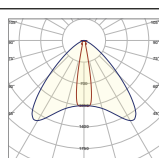

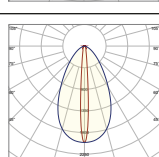

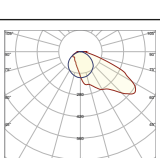
cover	 T transparent	 F frosted	 W white	 G grey	 M microprismatic
cover round 120°  CR	2126 lm/m 	2006 lm/m 	854 lm/m 		
cover square 120°  CS	2048 lm/m 	1888 lm/m 	1032 lm/m 	880 lm/m 	1636 lm/m 
cover flat 120°  CF	1982 lm/m 	1794 lm/m 	972 lm/m 		

2700 K – Lichtverteilungskurven mit verschiedenen Linsen/Einschublinsen NP/L2C/G1/09E

2700 K – light distribution curves with different lenses/insert lenses NP/L2C/G1/09E

IP40

lenses	 T transparent	 F frosted
lens 90°  L9	2076 lm/m 	2010 lm/m 
lens 60°  L6	2130 lm/m 	2010 lm/m 
lens 30°  L3	2178 lm/m 	1952 lm/m 
lens 15°  L1		1954 lm/m 
lens LAF-2 asymmetric  LA		1936 lm/m 

lenses	 T transparent	 F frosted
insert lens Batwing  ILBW CS	1284 lm/m 	
insert lens Wallwasher asymmetric  ILWW CS	1472 lm/m 	
insert lens 30°  IL3F CS	1604 lm/m 	
insert lens 15°  IL1F CS	1484 lm/m 	
insert lens ILAF asymmetric  ILA CS		1374 lm/m 







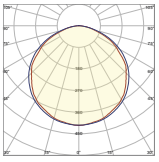
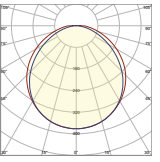
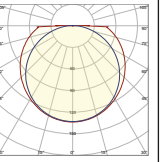

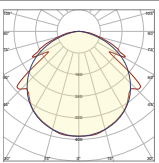
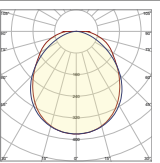
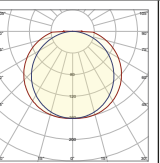
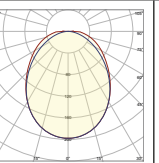
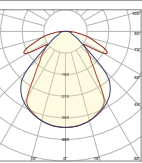

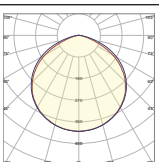
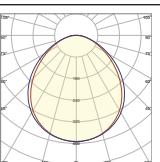
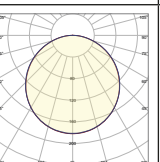
Alle Werte in der Tabelle gemessen bei 2700 K. Messwerte unterliegen den typischen Toleranzen. Andere Konfigurationen erhalten Sie auf Anfrage. Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter flashaar.de im Download-Bereich. Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.
All values in the table measured at 2700 K. Measured values are subject to the typical tolerances. Other configurations are available on request. All photometric data – measured in FLASHAAR's light laboratory – available at flashaar.de/en in the download area. All optical and electrical data have a tolerance of +/- 10%.

Messdaten für IP65 / IP65 Premium auf Anfrage. Measurement data for IP65 / IP65 Premium on request.

6500 K – Lichtverteilungskurven mit verschiedenen Abdeckungen NP/L2C/G1/09E

6500 K – light distribution curves with different covers NP/L2C/G1/09E






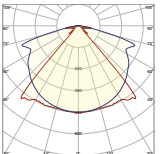
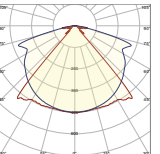

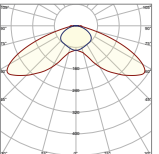

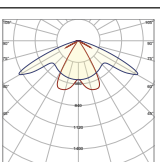
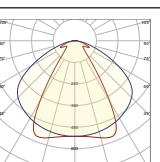

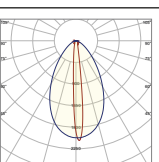

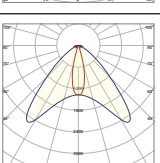
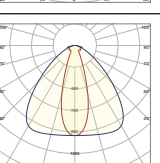

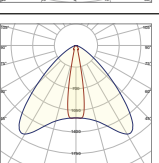

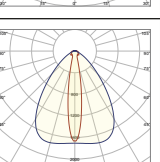

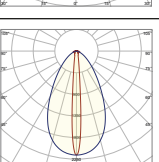

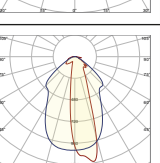

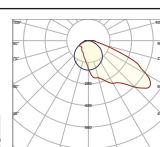
IP40

cover	 T transparent	 F frosted	 W white	 G grey	 M microprismatic
cover round 120°  CR	2386 lm/m 	2250 lm/m 	1000 lm/m 		
cover square 120°  CS	2302 lm/m 	2114 lm/m 	1144 lm/m 	984 lm/m 	1842 lm/m 
cover flat 120°  CF	2222 lm/m 	2008 lm/m 	1080 lm/m 		

6500 K – Lichtverteilungskurven mit verschiedenen Linsen/Einschublinsen NP/L2C/G1/09E

6500 K – light distribution curves with different lenses/insert lenses NP/L2C/G1/09E

IP40

lenses	 T transparent	 F frosted	lenses	 T transparent	 F frosted
lens 90°  L9	2332 lm/m 	2332 lm/m 	insert lens Batwing  ILBW CS	1436 lm/m 	
lens 60°  L6	2394 lm/m 	2254 lm/m 	insert lens Wallwasher asymmetric  ILWW CS	1650 lm/m 	
lens 30°  L3	2434 lm/m 	2152 lm/m 	insert lens 30°  IL3F CS	1782 lm/m 	
lens 15°  L1		2198 lm/m 	insert lens 15°  IL1F CS	1674 lm/m 	
lens LAF-2 asymmetric  LA		2178 lm/m 	insert lens ILAF asymmetric  ILA CS		1556 lm/m 

Alle Werte in der Tabelle gemessen bei 2700 K. Messwerte unterliegen den typischen Toleranzen. Andere Konfigurationen erhalten Sie auf Anfrage. Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter flashaar.de im Download-Bereich. Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.
All values in the table measured at 2700 K. Measured values are subject to the typical tolerances. Other configurations are available on request. All photometric data – measured in FLASHAAR's light laboratory – available at flashaar.de/en in the download area. All optical and electrical data have a tolerance of +/- 10%.

Messdaten für IP65 / IP65 Premium auf Anfrage. Measurement data for IP65 / IP65 Premium on request.

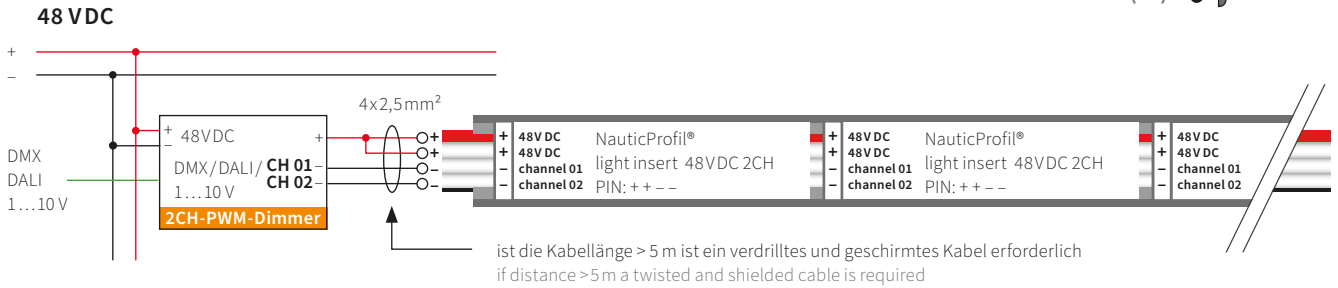
Verdrahtungsschemata

wiring diagrams

Beispiel für max. Länge mit einer elektrischen Einspeisung.*
Example for max. length with one electrical feed.*

WD/D/PWM/Pegasus-a
(1x2CH)

Dimmbar mittels PMW, System mit 2 Kanälen für NP Pegasus, 48V DC
dimmable by PWM, system with 2 channels for NP Pegasus, 48 V DC
max. **16 m** (2 x 414 W) pro Einspeisung / max. **16 m** (2 x 414 W) per feed in

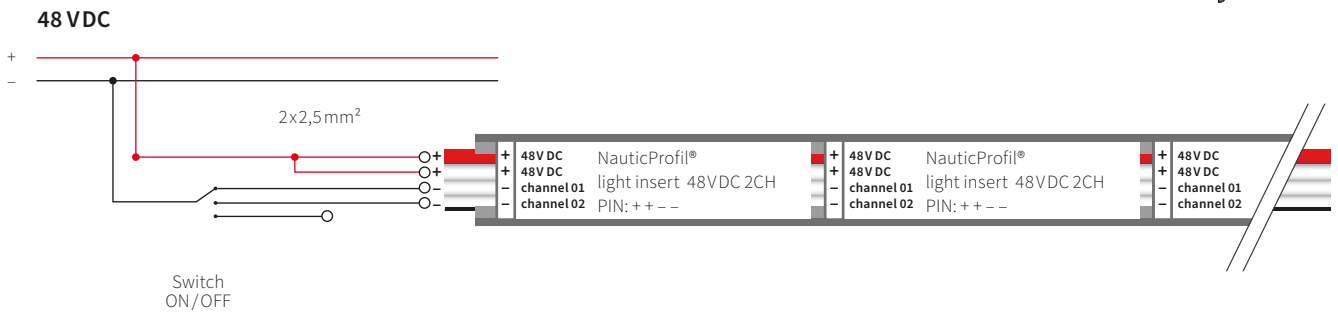


Achtung! Bitte beachten! Mit dem DALI DT6 16 A Dimmer ist entweder der Betrieb beider Kanäle mit 50% Leistung oder alternativ der Betrieb eines Kanals mit 100 % Leistung erlaubt!

Attention! Please note: When operating with a DALI DT6 16 A dimmer, only the operation of both channels at 50% or alternatively the operation of one channel with 100 % power is allowed!

WD/S/1a/Pegasus
(1x2CH)

Schaltbar, System mit 2 Kanälen für NP Pegasus, 48V DC
(z.B. abstimmbares Weiß)
to switch ON/OFF, system with 2 channels for NP Pegasus, 48 V DC
(e.g. tunable white)
max. **16 m** (2 x 414 W) pro Einspeisung / max. **16 m** (2 x 414 W) per
feed in



Achtung! Der Betrieb beider Lichtfarben gleichzeitig auf 100 % ist nicht zulässig! Auf ausreichende Kühlung ist zu achten. Max. 24 W/m Gesamtleistung.
Attention! Operating both light colours at 100 % at the same time is not permitted! Sufficient cooling must be ensured. Maximum total output 24 W/m

* Standard PIN-Belegung ist + - - + (WD/D/PWM/1a) / Weitere Verdrahtungsschemata in unserem aktuellen Katalog.
standard pin layout is + - - + (WD/D/PWM/1a) / Further Cabling Scheme in our current catalogue.

Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

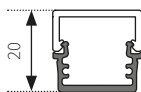
overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

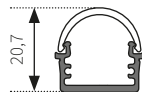


NP mounting profiles ▼

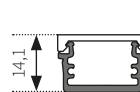
cover CS/CM/ILAF



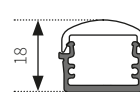
cover CR



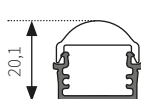
cover CF



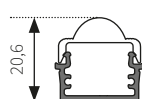
lens L9



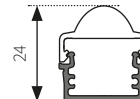
lens L6



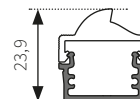
lens L3



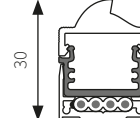
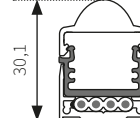
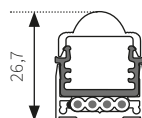
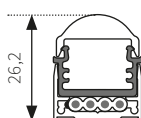
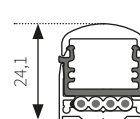
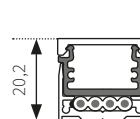
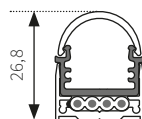
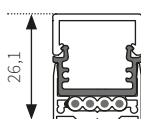
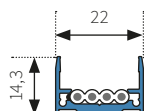
lens L1



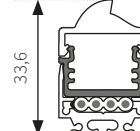
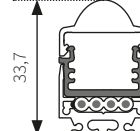
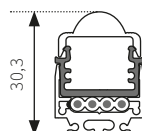
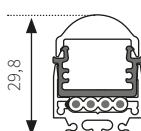
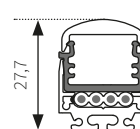
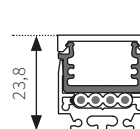
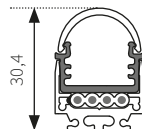
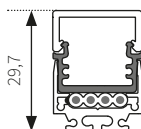
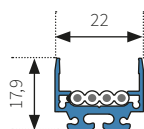
lens LAF-2



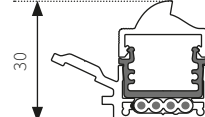
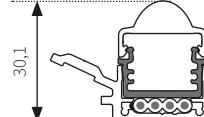
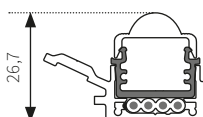
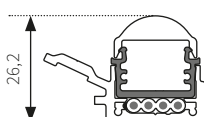
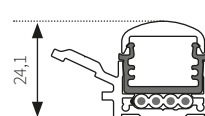
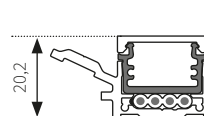
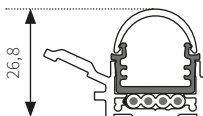
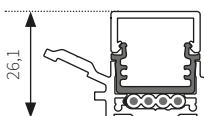
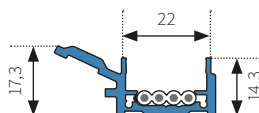
NP-S1



NP-S2



NP-S3



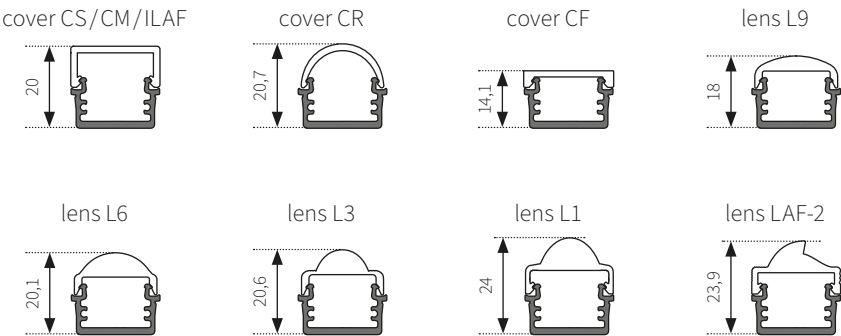
Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

overview dimensions and installation dimensions with base profile G1

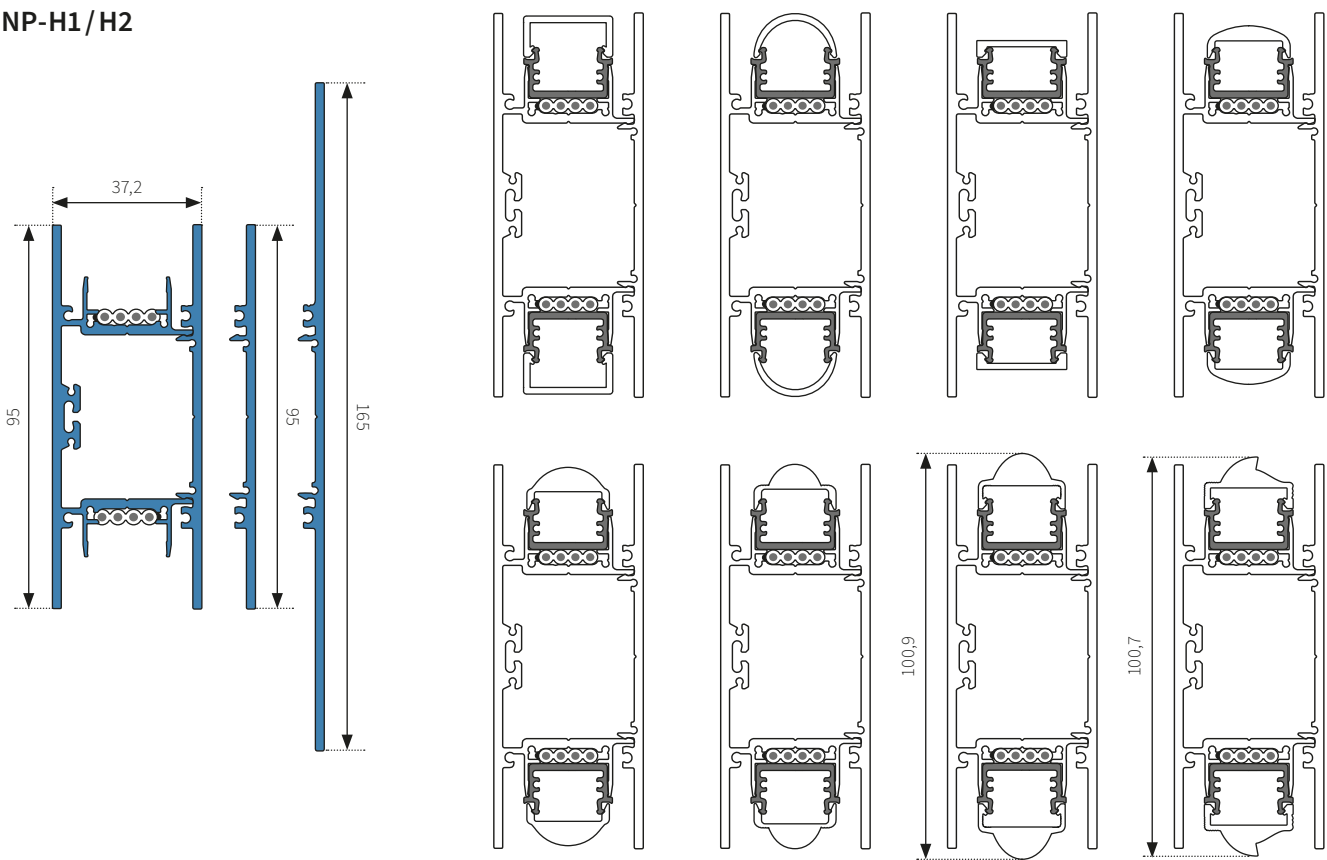
covers and lenses ▶



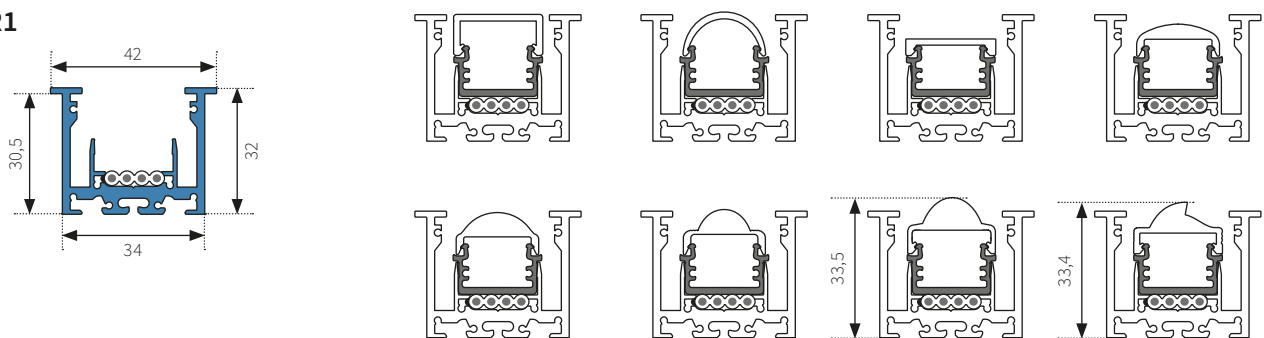
NP mounting profiles ▼



NP-H1/H2



NP-R1



Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

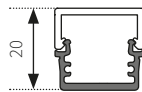
overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

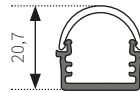


NP mounting profiles ▼

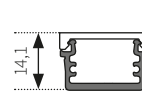
cover CS/CM/ILAF



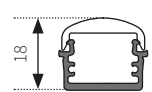
cover CR



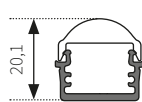
cover CF



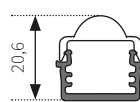
lens L9



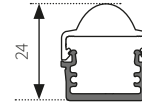
lens L6



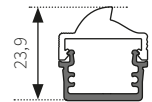
lens L3



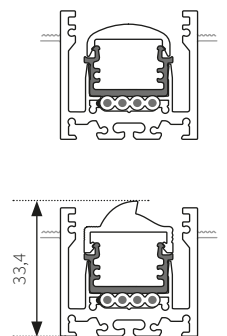
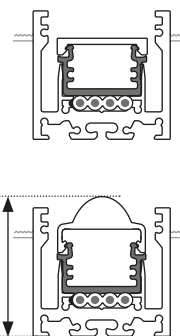
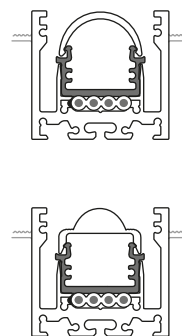
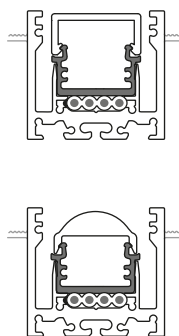
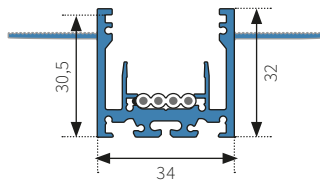
lens L1



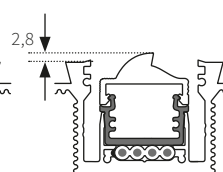
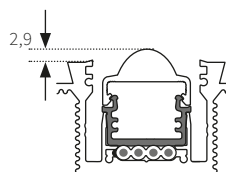
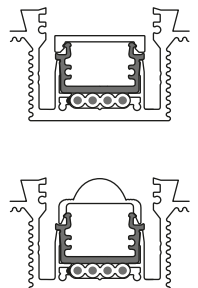
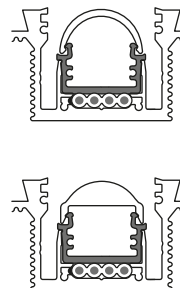
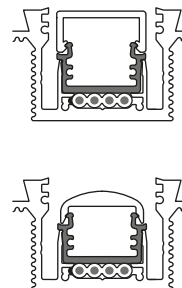
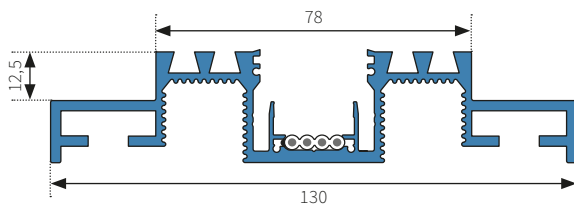
lens LAF-2



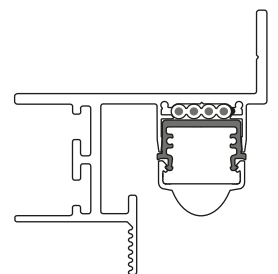
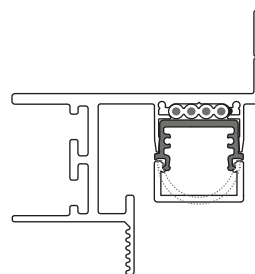
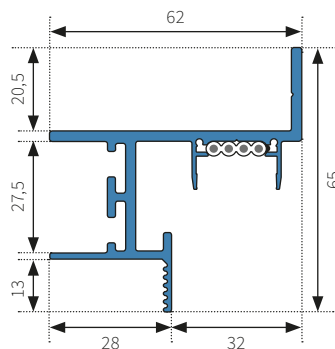
NP-R2/R4



NP-R3



NP-R5



Alle Maßangaben in mm.
All dimensions in mm

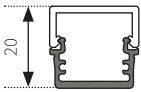
Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1
overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

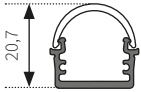


NP mounting profiles ▼

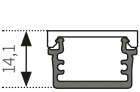
cover CS/CM/ILAF



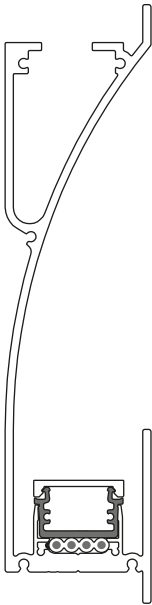
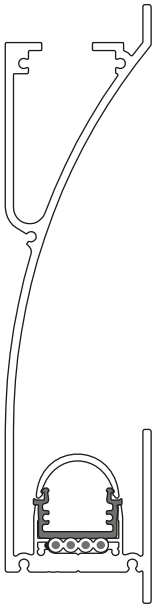
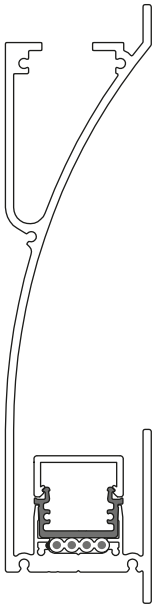
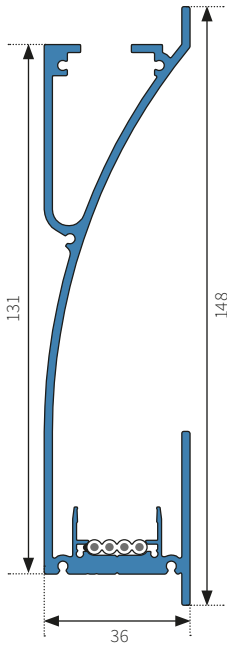
cover CR



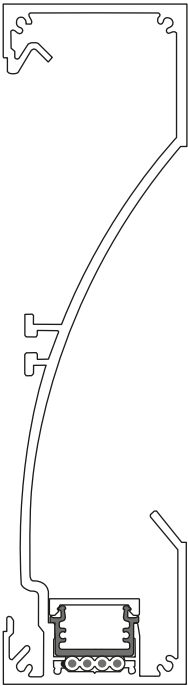
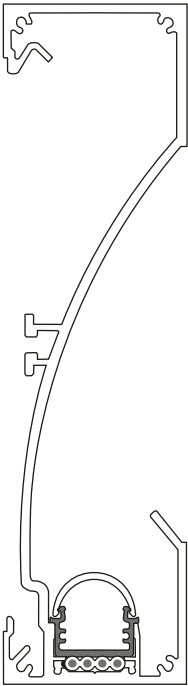
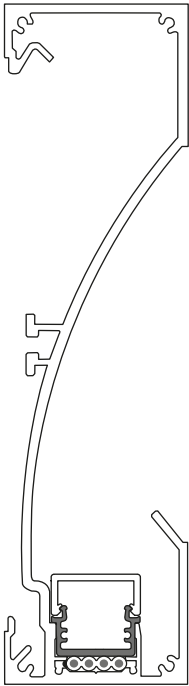
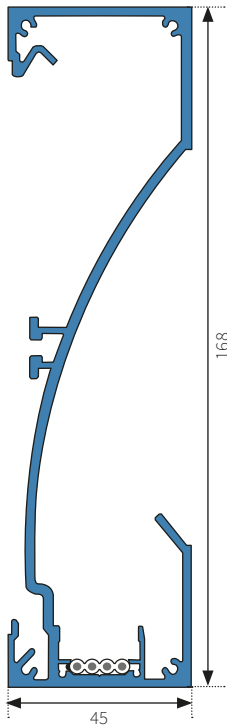
cover CF



NP-I1



NP-I2



Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

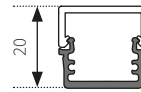
overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

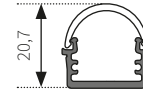


NP mounting profiles ▼

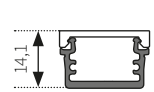
cover CS/CM/ILAF



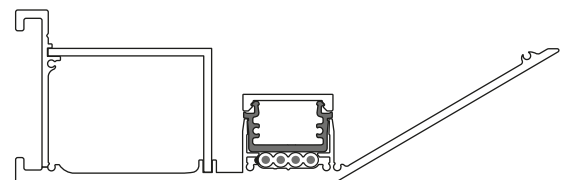
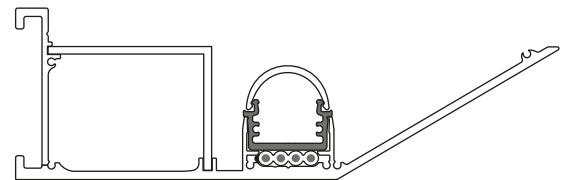
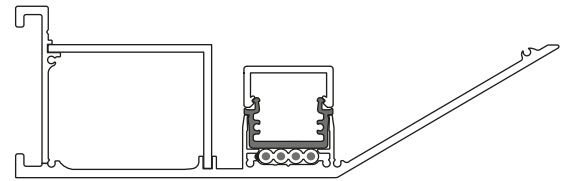
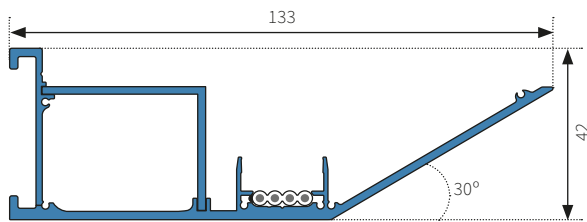
cover CR



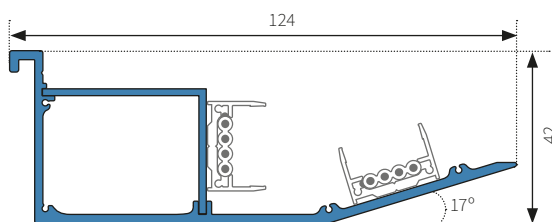
cover CF



NP-W1



NP-W2

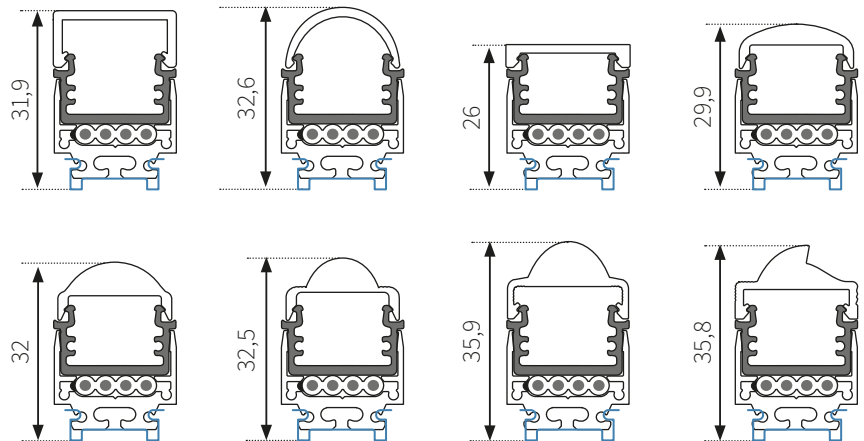


Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips mit dem Basisprofil G1

overview dimensions and installation dimensions NP-S2 with mounting clips with base profile G1

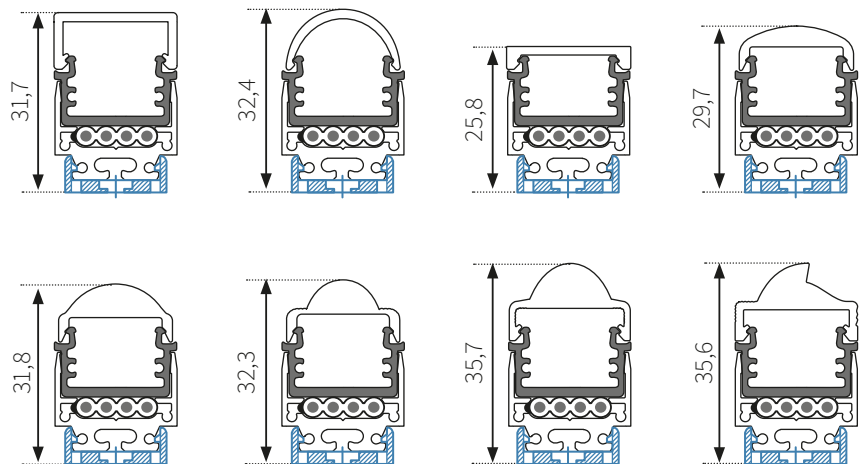
FL/SCLIP-0/0

Federclip 0°
spring clip 0°



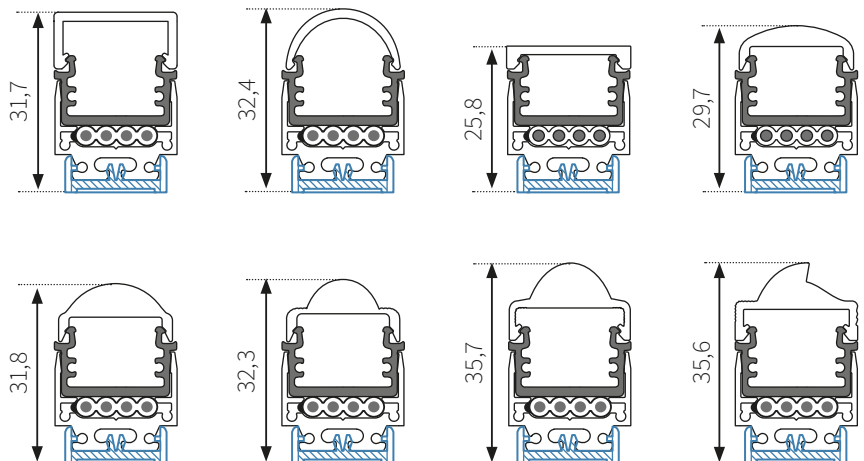
FL/CLIP-0/0

Montageclip 0°, ohne Zapfen gegen Gleiten
mounting clip 0°, without stud to prevent sliding



FL/CLIP-1/0

Montageclip 0°, mit Zapfen gegen Gleiten
mounting clip 0°, with stud to prevent sliding

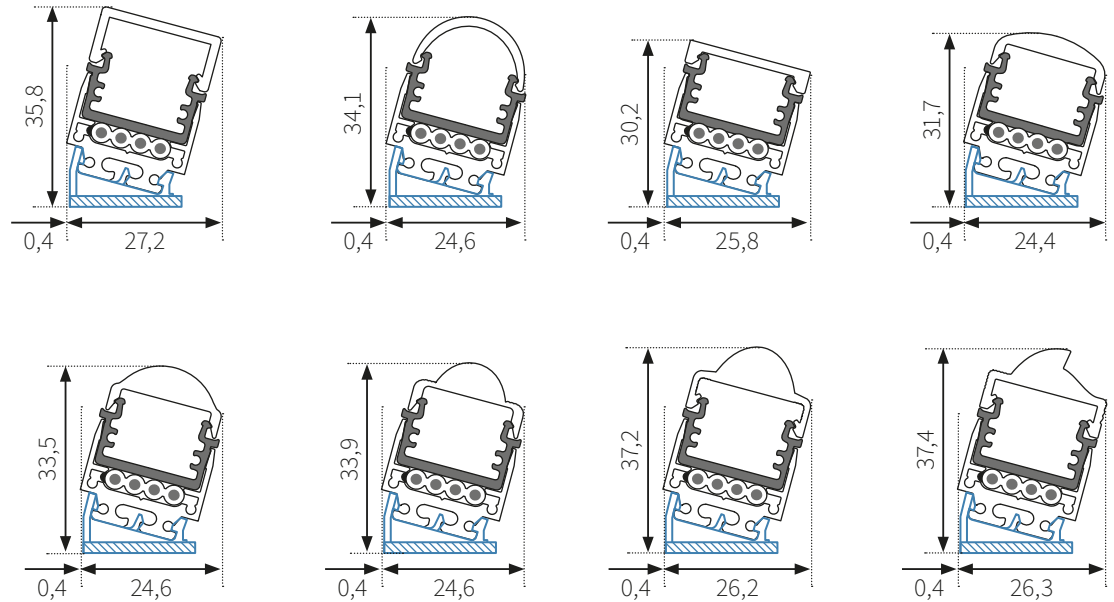


Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips mit dem Basisprofil G1

overview dimensions and installation dimensions NP-S2 with mounting clips with base profile G1

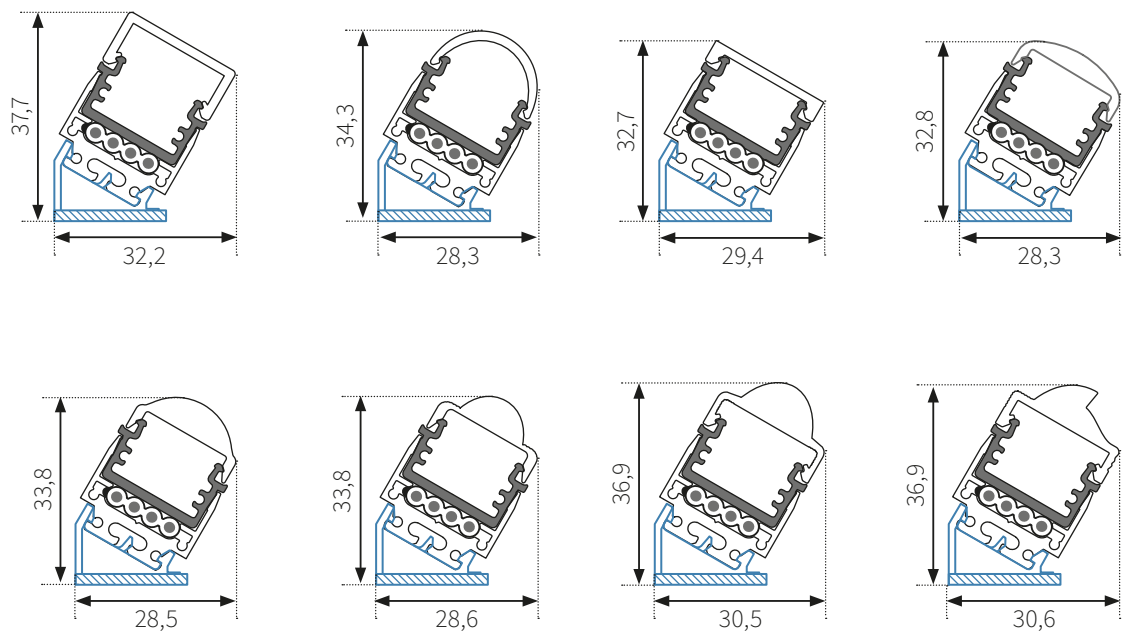
FL/CLIP-1/15

Montageclip 15°, mit Zapfen gegen Gleiten
mounting clip 15°, with stud to prevent sliding



FL/CLIP-1/30

Montageclip 30°, mit Zapfen gegen Gleiten
mounting clip 30°, with stud to prevent sliding

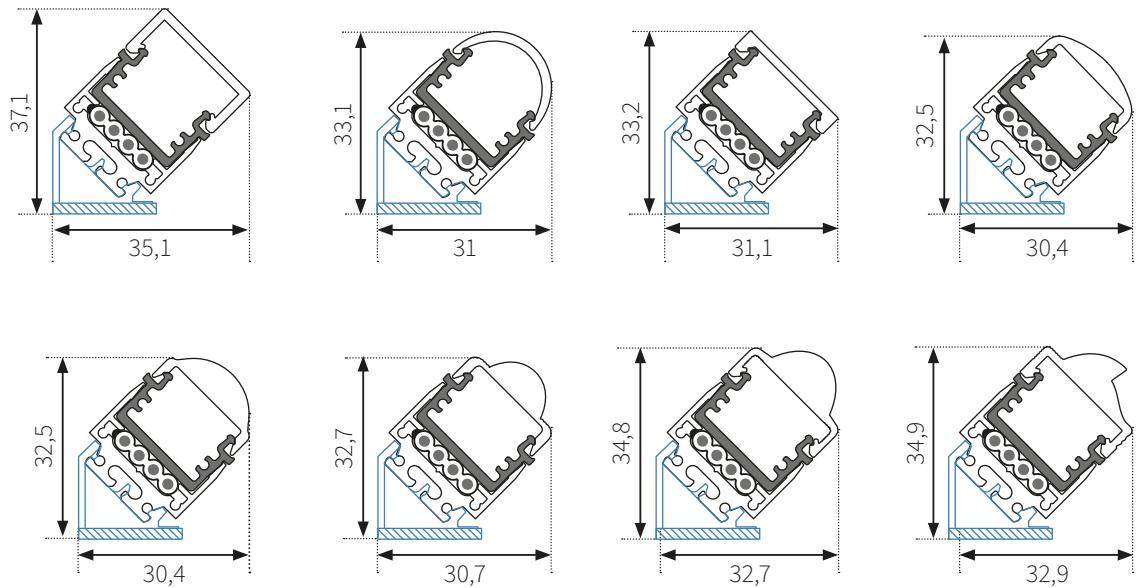


Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips mit dem Basisprofil G1

overview dimensions and installation dimensions NP-S2 with mounting clips with base profile G1

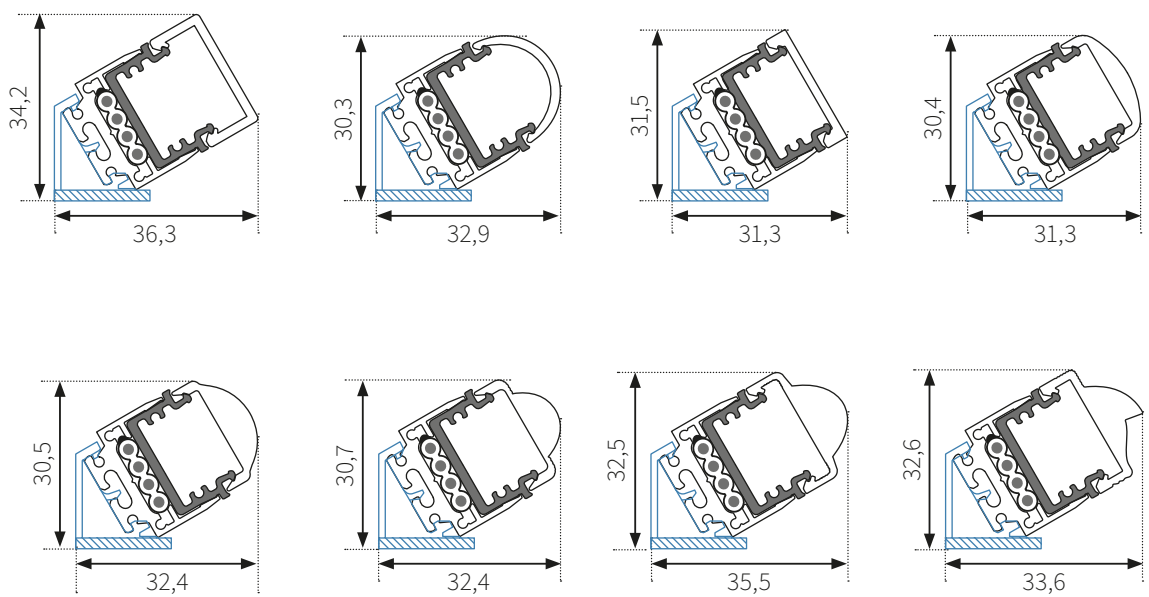
FL/CLIP-1/45

Montageclip 45°, mit Zapfen gegen Gleiten
mounting clip 45°, with stud to prevent sliding



FL/CLIP-1/60

Montageclip 60°, mit Zapfen gegen Gleiten
mounting clip 60°, with stud to prevent sliding





Allgemeine Geschäftsbedingungen

general terms and conditions of business

Unsere Allgemeinen Geschäftsbedingungen sind auf unseren Internet-Seiten unter folgender Adresse zu finden:
<https://flashaar.de/de/agb.php>

Our general terms and conditions of business can be found on our website at the following address:
<https://flashaar.de/de/agb.php>

Bestellinformationen

delivery information

Erforderliche Angaben auf Ihrer Bestellung

- Produktname
- Vollständige Artikelnummer (inklusive den zu ergänzenden Angaben z.B. Lichtfarbe, Cover- oder Linsentyp usw.)
- gewünschte Lieferzeit
- Lieferadresse

information required on your order

- product name
- complete item number (including specification codes e.g. light colour, cover or lens type etc.)
- required delivery period
- delivery address

Bestelladresse

FLASHAAR LEDLight GmbH & Co. KG
Gaustraße 13-15
55411 Bingen am Rhein
Deutschland
FON +49 6721 9195-0
FAX +49 6721 9195-91
bestellung@ledlight.flashaar.com
<https://flashaar.de>

ordering address

fFLASHAAR LEDLight GmbH & Co. KG
Gaustraße 13-15
55411 Bingen am Rhein
Germany
FON +49 6721 9195-0
FAX +49 6721 9195-91
order@ledlight.flashaar.com
<https://flashaar.de>

Versandkosten

Wir berechnen Ihnen ausschließlich die tatsächlich angefallenen Versandkosten. Je nach Auftragswert und Quantität fallen zusätzliche Verpackungskosten an.

indicative value of shipping costs

Please note, we charge you only the actual delivery costs. Additional handling charges may be applied depending on order value and quantity.

Ausgabe

edition

Stand: KW 11, 2026

Druckfehler, Irrtum und technische Änderungen sind vorbehalten.

last status: week 11, 2026

Technical changes, errors and printing mistakes are reserved.

Referenzfotos:

© Cosimawellenbad, München / Oliver Jung (S.1)

© Cafe-Restaurant Seehaus GmbH / Lukas Schürer (S.2)

FLASHAAR® – Wir machen Licht.