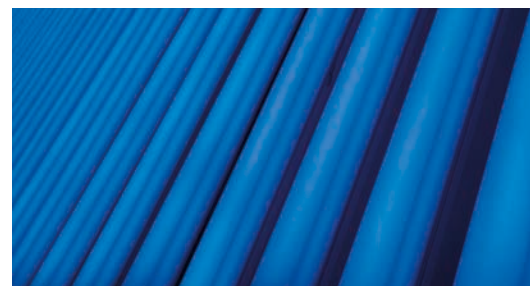




FLASHAAR



## NP Defiant

DATENBLATT  
DATASHEET



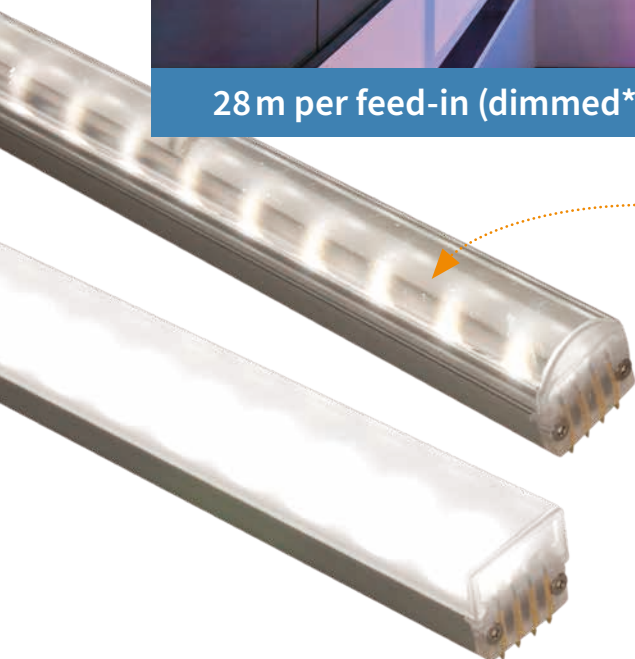
MADE IN GERMANY

**LICHT** auf ganzer Linie  
**LIGHTING** all along the line

# NP Defiant



28 m per feed-in (dimmed\*\*) | RGB: 1500 lm/m\*



Stimmungslicht für  
Zuhause, Hotels und  
Wellnessbereiche

mood lighting for home,  
hotels and wellness areas

RGB-LEDs schaffen ein individuelles  
Farbspiel sowie ein erstklassiges  
RGB-Weiß.

RGB LEDs create an individual play of  
colours and first-class RGB white.

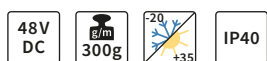
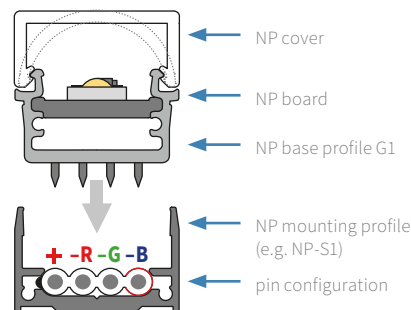
**DE** Effektlicht oder dekorative Anwendungen: Der Leuchteinsatz **NauticProfil® Defiant** ermöglicht mit seinen RGB-LEDs beeindruckende Farbwechsel sowie ein erstklassiges RGB-Weiß.

Durch die spezielle Geometrie und Anordnung der LEDs kann auch Weiß in hoher Qualität dargestellt werden. Der sehr kleine Punktabstand der RGB-LED ermöglicht ein homogen leuchtendes Cover. Die verwendete LED-Technik garantiert, dass es nicht zum Aufbrechen der Farben in Kombination mit Linearlinsen kommen kann.

**EN** Effect light or decorative applications: the **NauticProfil® Line Defiant** light insert with its RGB LEDs makes for impressive colour changes as well as first-class RGB white.

The special geometry and arrangement of the LEDs mean that it is possible to even render high-quality white. The very small dot pitch of the RGB LED allows a homogeneous glowing cover.

The LED technology used guarantees that the colours can not break up in combination with linear lenses.



characteristics



dimming



optional



mounting



\* 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.

\*\* Nur zugelassen für DALI DT8! Only approved for DALI DT8!



**Bestellnummer**  
item number

NP/L3C/G1/22A

/ L3C/G1/ 112

/ G1/ ALA

/ RGB

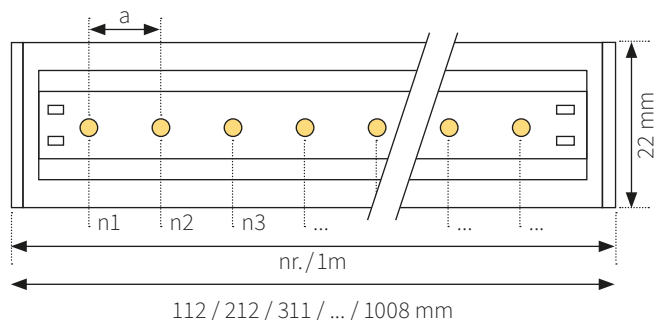
/ CR W

## Technische Daten technical data

nominal voltage: 48VDC  
nominal wattage: 3 x 16,8W/m  
dimmable: PWM  
LED service life: L80/B10 > 75000h  
length dividing matrix: 100 mm  
LED pitch: 6,64 mm, 150 LEDs/m  
max. length per feed-in: L(max) DIMMED = 28m (500 W/CH\*),  
DT8, 3 x 16A PWM Dimmer, cabling scheme D/PWM/3ab

**\* Achtung!** Der Betrieb von RGB gleichzeitig auf 100 % ist nicht zulässig! Auf ausreichende Kühlung ist zu achten.  
Max. 24W/m Gesamtleistung (1CH entspricht 16,8 W/m)

Attention! Operating RGB light colours at 100 % at the same time is not permitted! Sufficient cooling must be ensured.  
Maximum total output 24 W/m (1CH conform to 16,8 W/m)

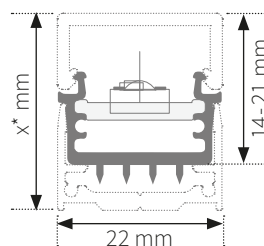


**!** Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.  
All optical and electrical data have a tolerance of +/- 10%.

## Basisprofil base profile

Das **Basisprofil G1** ist mit allen NP Montageprofilen von FLASHAAR® per Plug&Play kombinierbar. Es ist in den Farben Aluminium und Schwarz 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 and black anodised.



G1/ALA (Standard)

G1/BA

\* Leuchtenhöhe abhängig vom Montageprofil (21 - 168 mm), Maße ab S. 9  
luminaire height depending on mounting profile (21 - 168 mm), dimensions from p. 9

## Lichtwellenlänge und Lumenstrom light wavelength and luminous flux

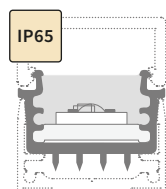
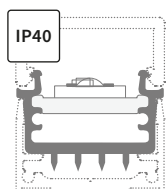
	R	G	B
Lichtwellenlänge light wavelength	620 nm	525 nm	470 nm
Lumenstrom typ.* luminous flux typ.*	max. 1161 lm/m	max. 2572 lm/m	max. 735 lm/m

\* 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.

## IP Schutzklassen IP protection classes

Je nach Anwendung, gibt es verschiedene Schutzklassen für unsere LED Leuchteneinsätze. Als Standard bieten wir die Leuchten in **IP40** an. Für die Schutzklasse **IP65** vergießen wir unsere Leuchten mit einem hochwertigen transparenten Polyurethan-Verguss (PU-Verguss) frei von störenden Mikroblasen.

Depending on the application, there are different protection classes for our LED light inserts. As standard, we offer the luminaires in **IP40**. For protection class **IP65**, we cast our luminaires with a high-quality transparent polyurethane encapsulation (PU encapsulation) free of disruptive micro-bubbles.



## Übersicht Standardlängen & Wattagen

IP40, IP65		
product-nr.	L (mm)	Watt*
NP/L3C/G1/22A/L3C/G1/0112/###/###	<b>112</b>	3x1,68
NP/L3C/G1/22A/L3C/G1/0212/###/###	<b>212</b>	3x3,36
NP/L3C/G1/22A/L3C/G1/0311/###/###	<b>311</b>	3x5,04
NP/L3C/G1/22A/L3C/G1/0411/###/###	<b>411</b>	3x6,72
NP/L3C/G1/22A/L3C/G1/0510/###/###	<b>510</b>	3x8,40

IP40, IP65		
product-nr.	L (mm)	Watt*
NP/L3C/G1/22A/L3C/G1/0610/###/###	610	3x10,08
NP/L3C/G1/22A/L3C/G1/0710/###/###	710	3x11,76
NP/L3C/G1/22A/L3C/G1/0809/###/###	809	3x13,44
NP/L3C/G1/22A/L3C/G1/0909/###/###	909	3x15,12
NP/L3C/G1/22A/L3C/G1/1008/###/###	1008	3x16,80

**\*Achtung!** Im Außenbereich (IP65 und IP65 Premium) ist maximal ein Leuchteneinsatz in der Länge von 112 mm bis 1008 mm realisierbar. LED-Teilungsraster ist 100 mm.  
**Attention!** In outdoor areas (IP65 and IP65 Premium), a maximum of one luminaire insert can be realised in lengths from 112 mm to 1008 mm. The grid uses 100 mm increments

\*\* Leistungsangaben +/- 10% | performance data +/- 10%

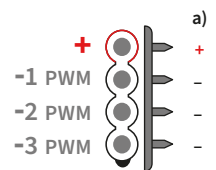
## Verdrahtungsschema

### wiring diagrams

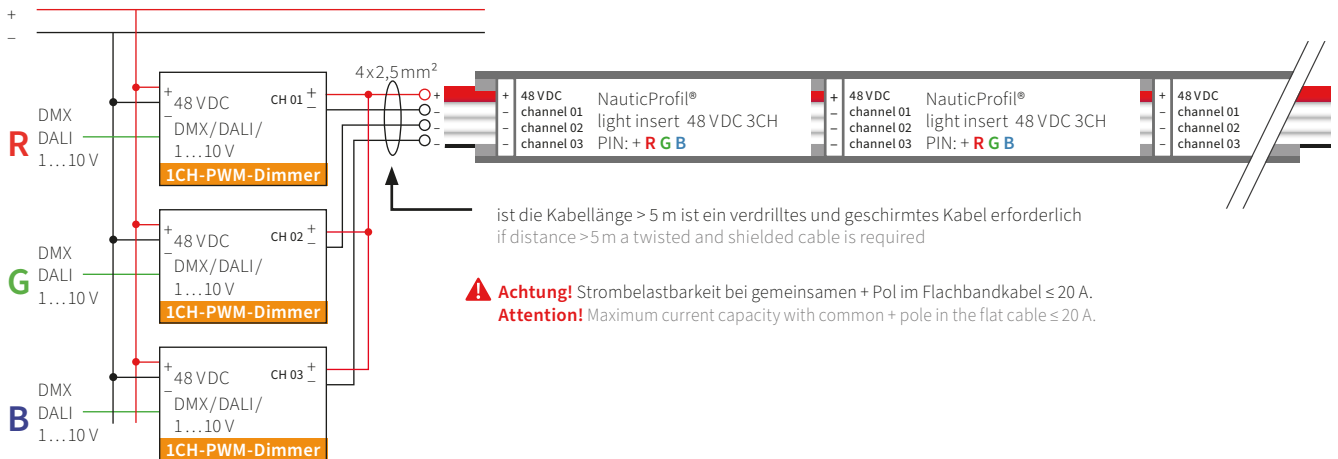
Beispiel für max. Länge mit einer elektrischen Einspeisung.\*  
example for max. length with one electrical feed.\*

**WD/D/PWM/3ab**  
(1x3CH)

Dimmbar mittels PWM, System mit 3 Kanälen, 48 VDC /  
3CH Leuchteneinsätze (z. B. RGB)  
dimmable by PWM, system with 3 channels, 48 VDC /  
3CH light inserts (e.g. RGB)  
max. **28 m** (500 W) pro Einspeisung / max. 28 m (500 W) per feed in

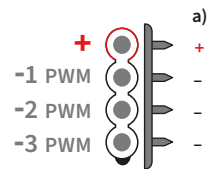


48 VDC

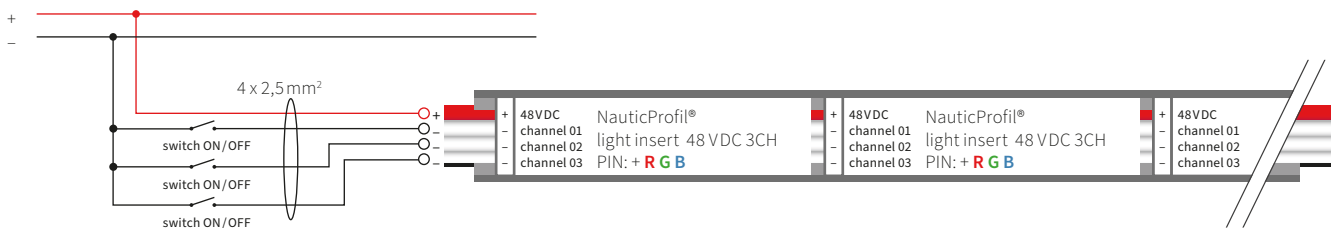


**WD/S/1a**  
(1x1CH)


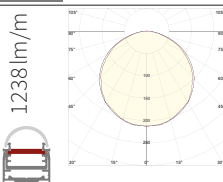
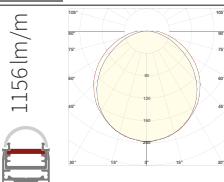
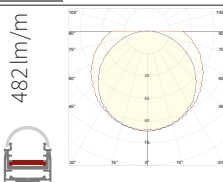

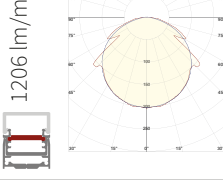
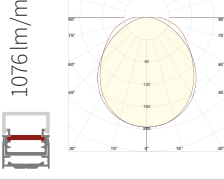
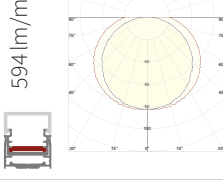
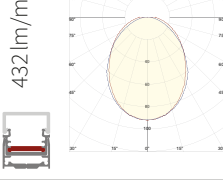

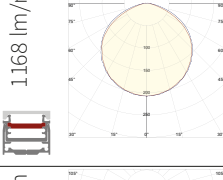
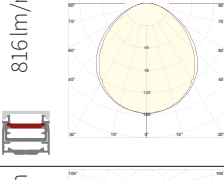
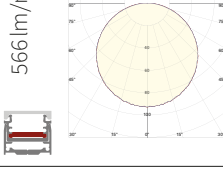

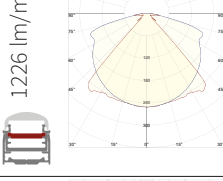
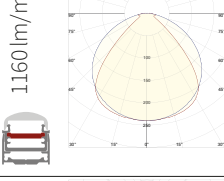

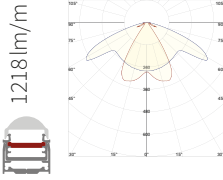
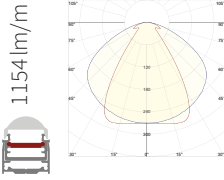

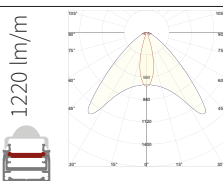
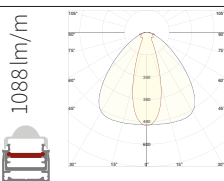

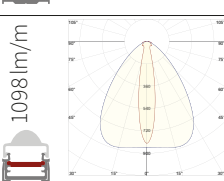

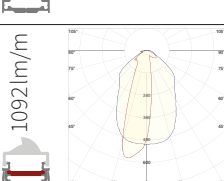

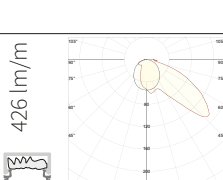
Schaltbar, System mit 1 Kanal /  
1CH Leuchteneinsätze mit redundanter PIN-Belegung  
to switch ON/OFF, system with 1-channel /  
1CH light insert with double PIN connection  
max. **28 m** (500 W) pro Einspeisung / max. 28 m (500 W) per feed in


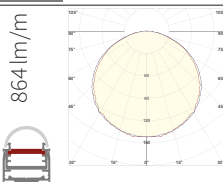
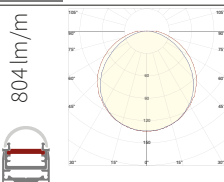
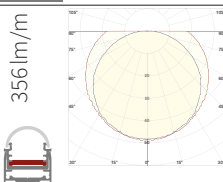

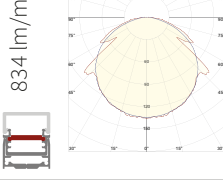
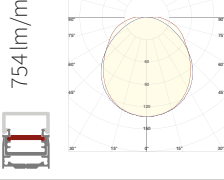
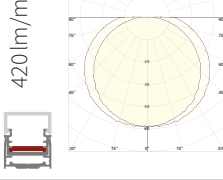
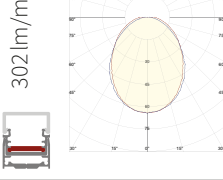

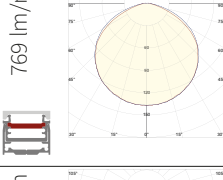
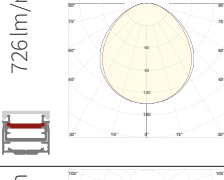
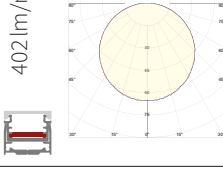

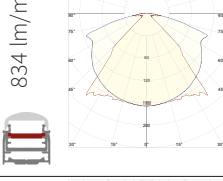
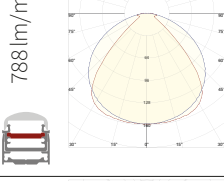

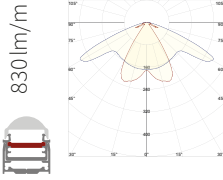
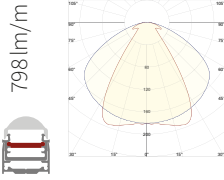

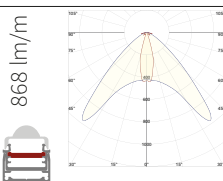
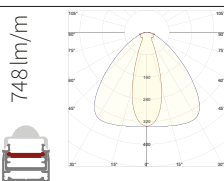

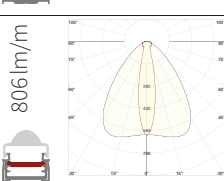

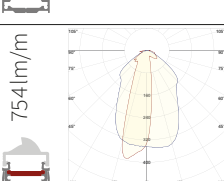

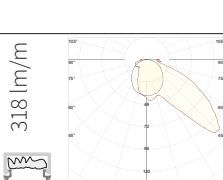



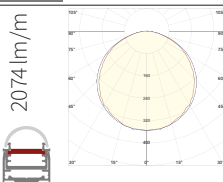
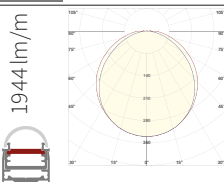
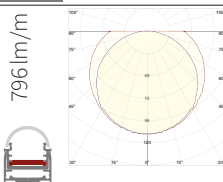

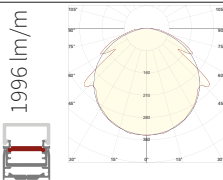
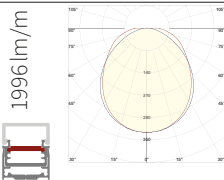
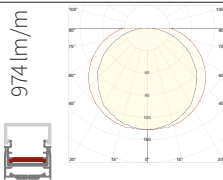
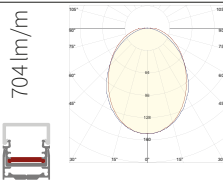

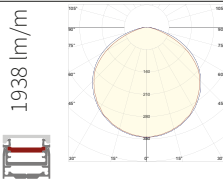
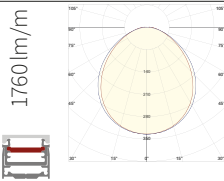
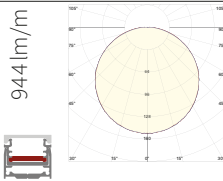

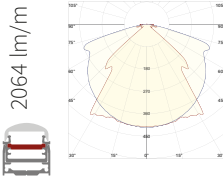
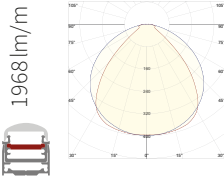

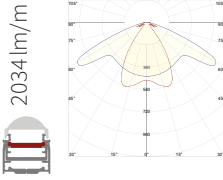
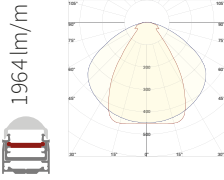

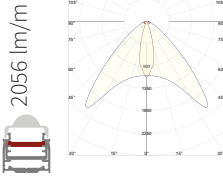
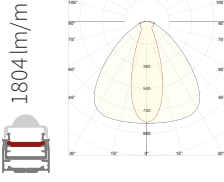

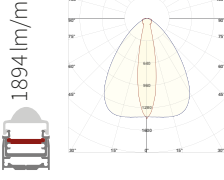

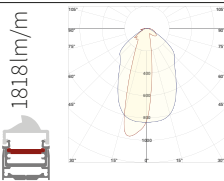

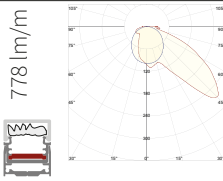
48 VDC


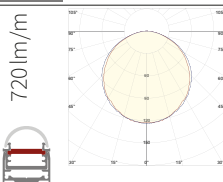
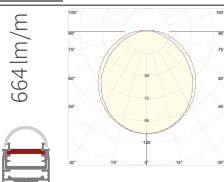
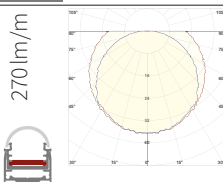

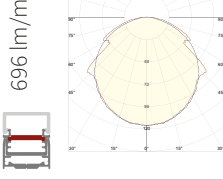
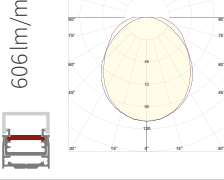
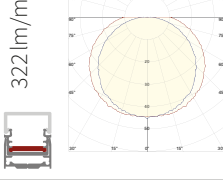
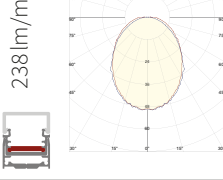

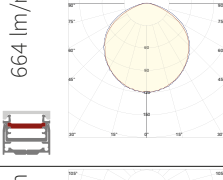
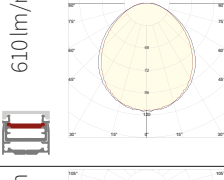
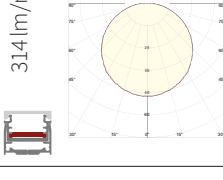

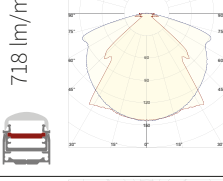
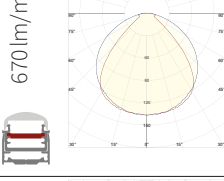

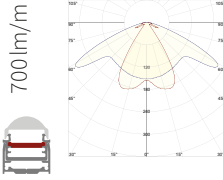
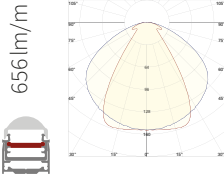

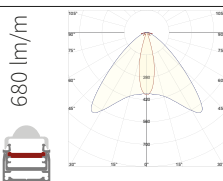
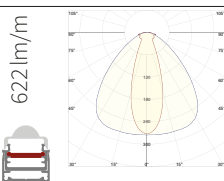

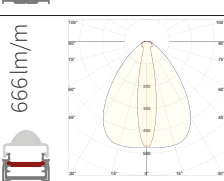

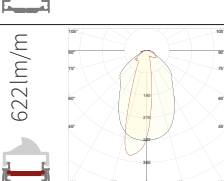

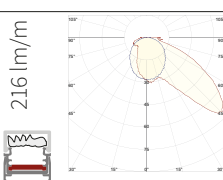


\* Standard PIN-Belegung ist + - - + (WD/D/PWM/1a) / Weitere Verdrahtungsschemata in unserem aktuellen Katalog.  
standard pin layout is + - - + (WD/D/PWM/1a) / further cabling scheme in our current catalogue.

covers & lenses	T	F	W	G	M
cover round 120°  CR	1238 lm/m 	1156 lm/m 	482 lm/m 		
cover square 120°  CS	1206 lm/m 	1076 lm/m 	594 lm/m 	432 lm/m 	
cover flat 120°  CF	1168 lm/m 	816 lm/m 	566 lm/m 		
lens 90°  L9	1226 lm/m 	1160 lm/m 			
lens 60°  L6	1218 lm/m 	1154 lm/m 			
lens 30°  L3	1220 lm/m 	1088 lm/m 	<p>Messwerte unterliegen den typischen Toleranzen.  Measured values are subject to the typical tolerances.</p> <p>Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter <a href="http://flashaar.de">flashaar.de</a> im Download-Bereich. Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.</p> <p>All photometric data – measured in FLASHAAR's light laboratory – available at <a href="http://flashaar.de/en">flashaar.de/en</a> in the download area. All optical and electrical data have a tolerance of +/- 10%.</p> <p><b>Messdaten für IP65 auf Anfrage.</b>  Measurement data for IP65 on request.</p>		
lens 15°  L1		1098 lm/m 			
lens LAF-2 asymmetric  LA		1092 lm/m 			
lens ILAF asymmetric (IP65)  ILA	426 lm/m 				

covers & lenses	T	F	W	G	M
cover round 120°  CR	864 lm/m 	804 lm/m 	356 lm/m 		
cover square 120°  CS	834 lm/m 	754 lm/m 	420 lm/m 	302 lm/m 	
cover flat 120°  CF	769 lm/m 	726 lm/m 	402 lm/m 		
lens 90°  L9	834 lm/m 	788 lm/m 			
lens 60°  L6	830 lm/m 	798 lm/m 			
lens 30°  L3	868 lm/m 	748 lm/m 			
lens 15°  L1		806 lm/m 			
lens LAF-2 asymmetric  LA		754 lm/m 			
lens ILAF asymmetric (IP65)  ILA	318 lm/m 				
<p>Messwerte unterliegen den typischen Toleranzen.  Measured values are subject to the typical tolerances.</p> <p>Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter <a href="http://flashaar.de">flashaar.de</a> im Download-Bereich.  Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.</p> <p>All photometric data – measured in FLASHAAR's light laboratory – available at <a href="http://flashaar.de/en">flashaar.de/en</a> in the download area.  All optical and electrical data have a tolerance of +/- 10%.</p> <p><b>Messdaten für IP65 auf Anfrage.</b>  <b>Measurement data for IP65 on request.</b></p>					

covers & lenses	T	F	W	G	M
cover round 120°  CR	2074 lm/m 	1944 lm/m 	796 lm/m 		
cover square 120°  CS	1996 lm/m 	1996 lm/m 	974 lm/m 	704 lm/m 	
cover flat 120°  CF	1938 lm/m 	1760 lm/m 	944 lm/m 		
lens 90°  L9	2064 lm/m 	1968 lm/m 			
lens 60°  L6	2034 lm/m 	1964 lm/m 			
lens 30°  L3	2056 lm/m 	1804 lm/m 			
lens 15°  L1		1894 lm/m 			
lens LAF-2 asymmetric  LA		1818 lm/m 			
lens ILAF asymmetric (IP65)  ILA	778 lm/m 				
<p>Messwerte unterliegen den typischen Toleranzen.  Measured values are subject to the typical tolerances.</p> <p>Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter <a href="http://flashaar.de">flashaar.de</a> im Download-Bereich.  Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.</p> <p>All photometric data – measured in FLASHAAR's light laboratory – available at <a href="http://flashaar.de/en">flashaar.de/en</a> in the download area.  All optical and electrical data have a tolerance of +/- 10%.</p> <p><b>Messdaten für IP65 auf Anfrage.</b>  <b>Measurement data for IP65 on request.</b></p>					

covers & lenses	T	F	W	G	M
cover round 120°  CR	720 lm/m 	664 lm/m 	270 lm/m 		
cover square 120°  CS	696 lm/m 	606 lm/m 	322 lm/m 	238 lm/m 	
cover flat 120°  CF	664 lm/m 	610 lm/m 	314 lm/m 		
lens 90°  L9	718 lm/m 	670 lm/m 			
lens 60°  L6	700 lm/m 	656 lm/m 			
lens 30°  L3	680 lm/m 	622 lm/m 	<p>Messwerte unterliegen den typischen Toleranzen.  Measured values are subject to the typical tolerances.</p> <p>Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter <a href="http://flashaar.de">flashaar.de</a> im Download-Bereich. Alle optischen und elektrischen Daten haben eine Toleranz von +/- 10%.</p> <p>All photometric data – measured in FLASHAAR's light laboratory – available at <a href="http://flashaar.de/en">flashaar.de/en</a> in the download area. All optical and electrical data have a tolerance of +/- 10%.</p> <p><b>Messdaten für IP65 auf Anfrage.</b>  Measurement data for IP65 on request.</p>		
lens 15°  L1		666 lm/m 			
lens LAF-2 asymmetric  LA		622 lm/m 			
lens ILAF asymmetric (IP65)  ILA	216 lm/m 				



# Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

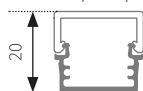
## overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

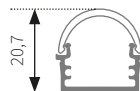


NP mounting profiles ▼

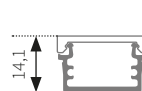
cover CS/CM/ILAF



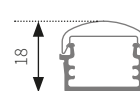
cover CR



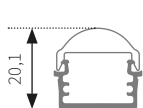
cover CF



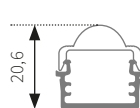
lens L9



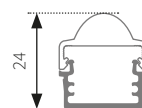
lens L6



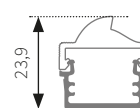
lens L3



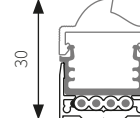
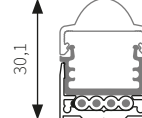
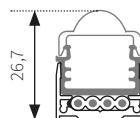
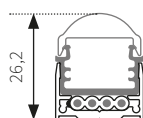
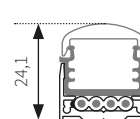
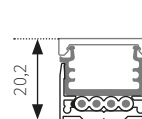
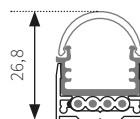
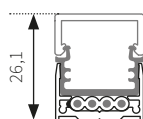
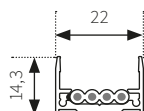
lens L1



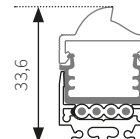
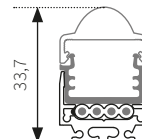
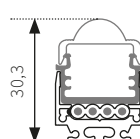
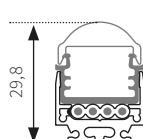
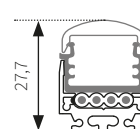
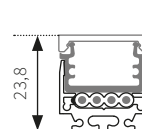
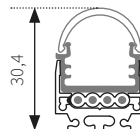
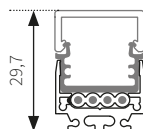
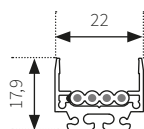
lens LAF-2



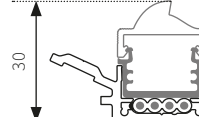
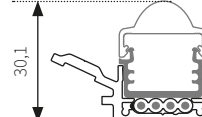
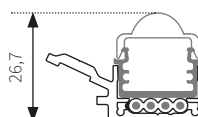
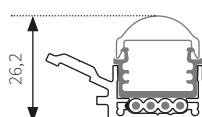
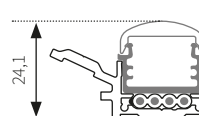
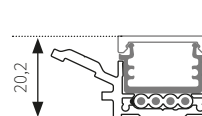
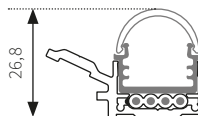
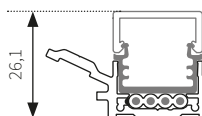
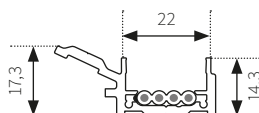
NP-S1



NP-S2



NP-S3



# Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

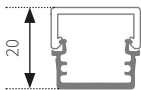
## overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

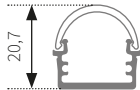


NP mounting profiles ▼

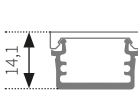
cover CS/CM/ILAF



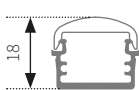
cover CR



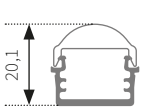
cover CF



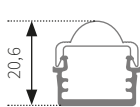
lens L9



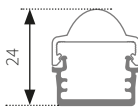
lens L6



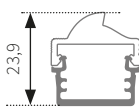
lens L3



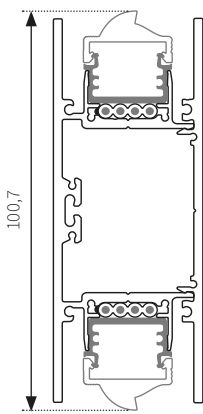
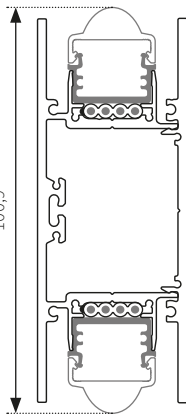
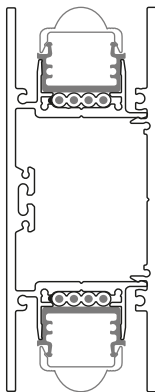
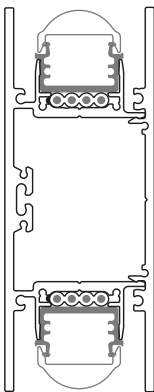
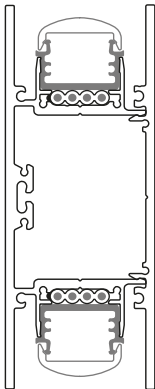
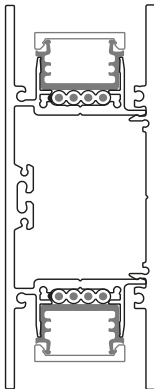
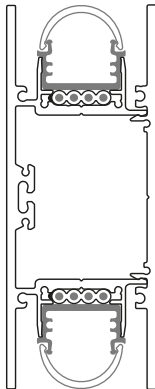
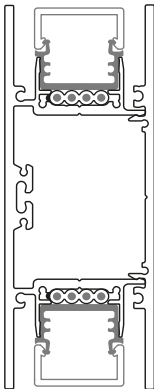
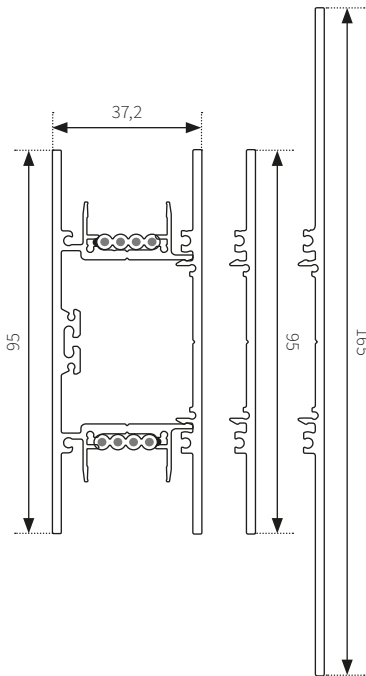
lens L1



lens LAF-2



NP-H1/H2



# Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1

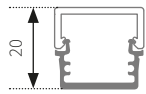
## overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

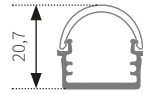


NP mounting profiles ▼

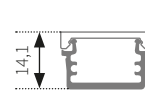
cover CS/CM/ILAF



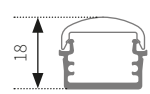
cover CR



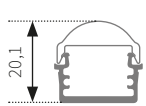
cover CF



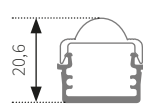
lens L9



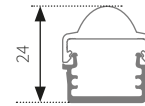
lens L6



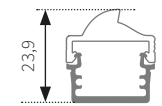
lens L3



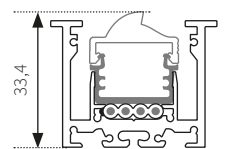
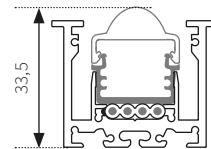
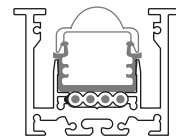
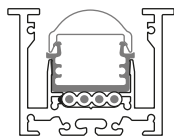
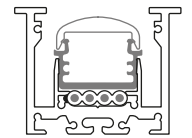
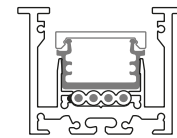
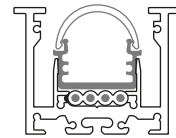
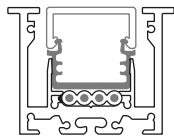
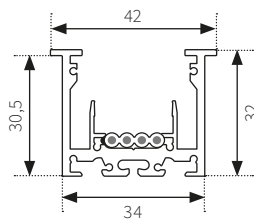
lens L1



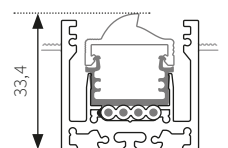
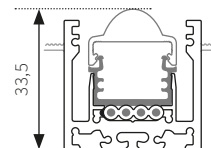
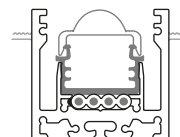
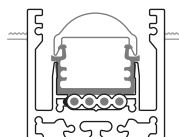
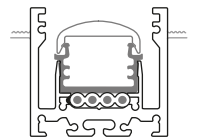
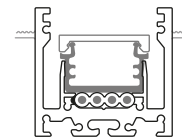
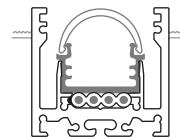
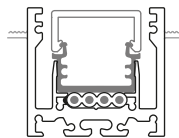
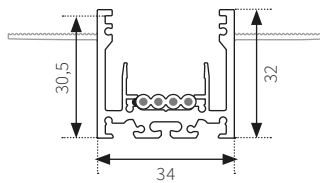
lens LAF-2



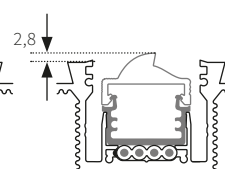
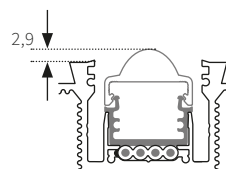
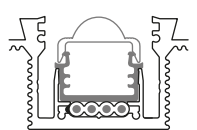
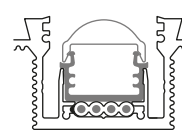
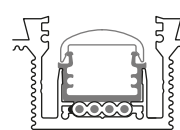
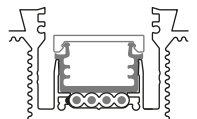
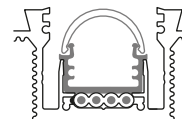
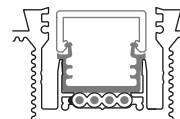
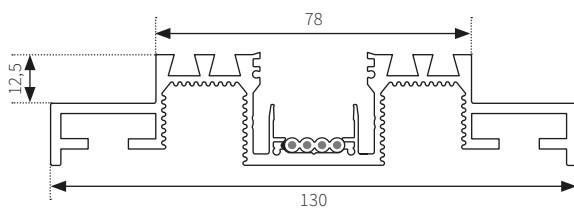
NP-R1



NP-R2/R4



NP-R3



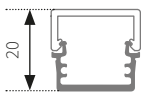
Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1  
overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

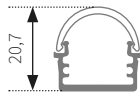


NP mounting profiles ▼

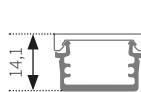
cover CS/CM/ILAF



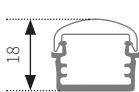
cover CR



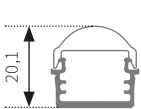
cover CF



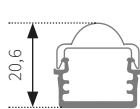
lens L9



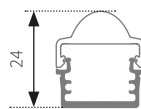
lens L6



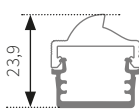
lens L3



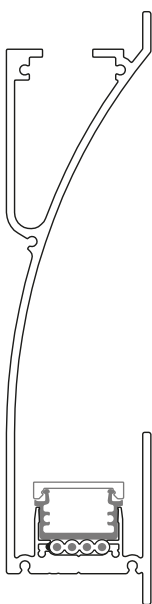
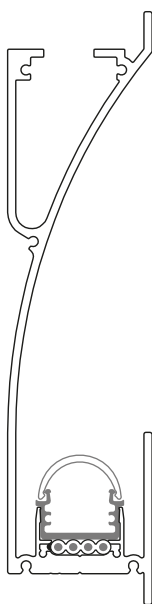
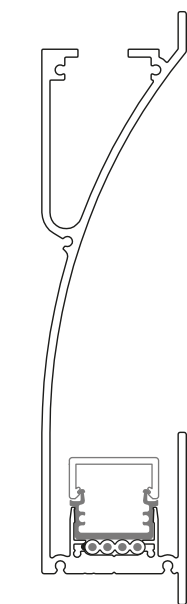
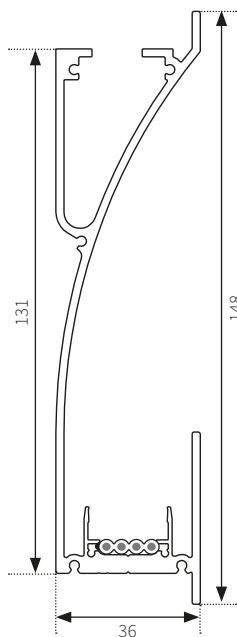
lens L1



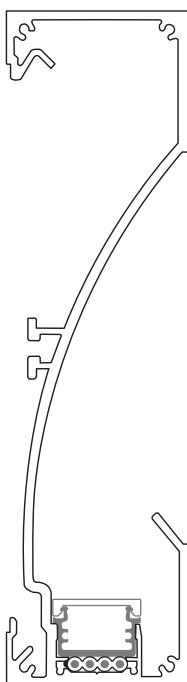
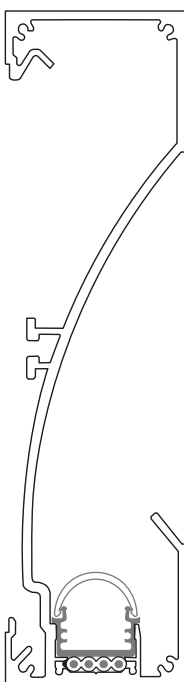
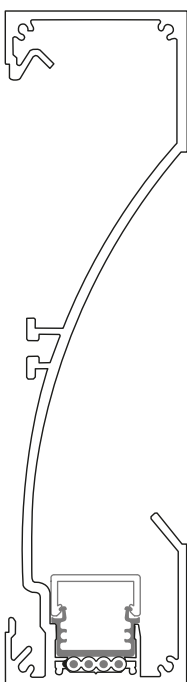
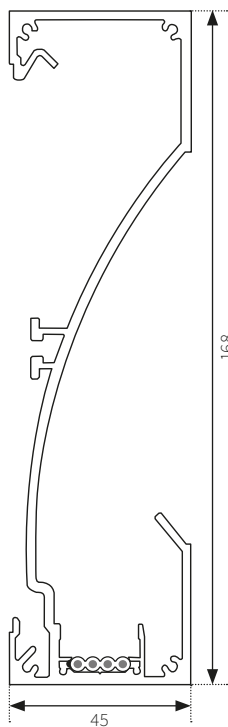
lens LAF-2



NP-I1



NP-I2





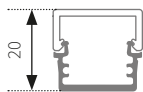
Übersicht Abmessungen und Einbaumaße mit dem Basisprofil G1  
overview dimensions and installation dimensions with base profile G1

covers and lenses ▶

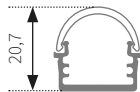


NP mounting profiles ▼

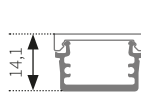
cover CS/CM/ILAF



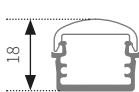
cover CR



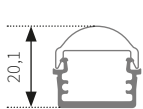
cover CF



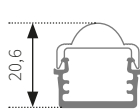
lens L9



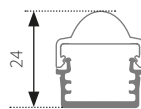
lens L6



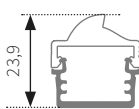
lens L3



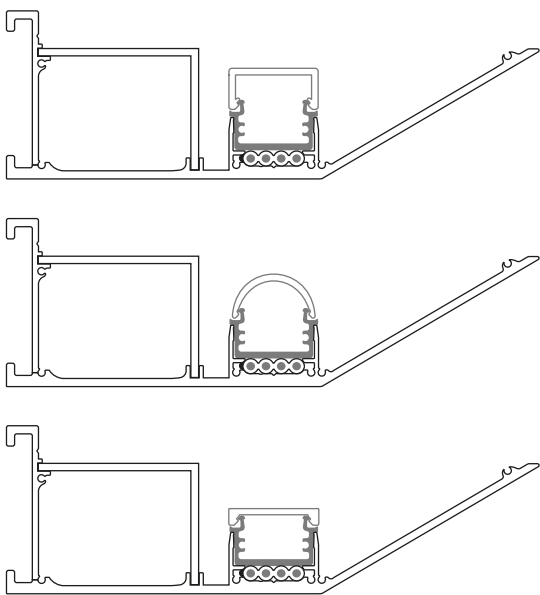
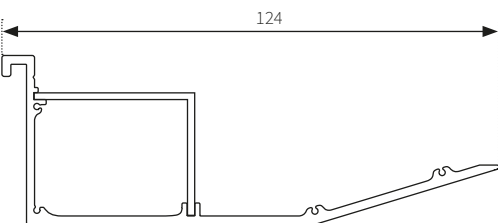
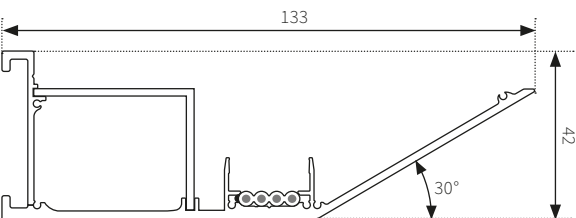
lens L1



lens LAF-2



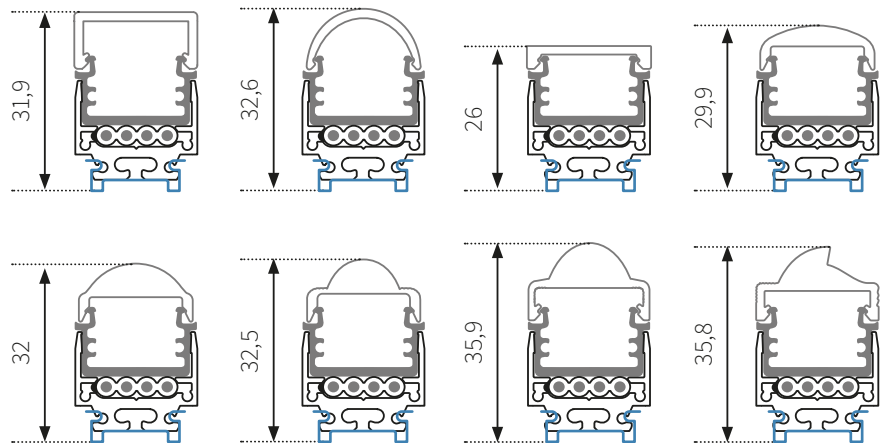
NP-W1/W2



## 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

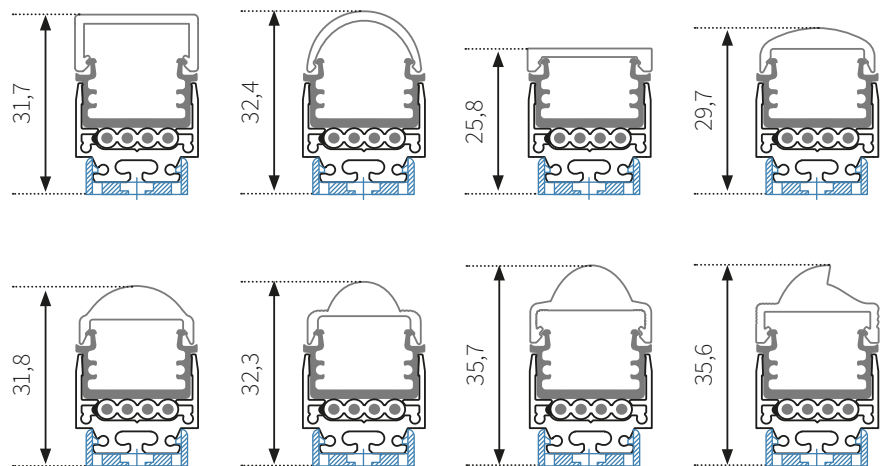
### FL/SCLIP-0/0

Federclip 0°  
spring clip 0°



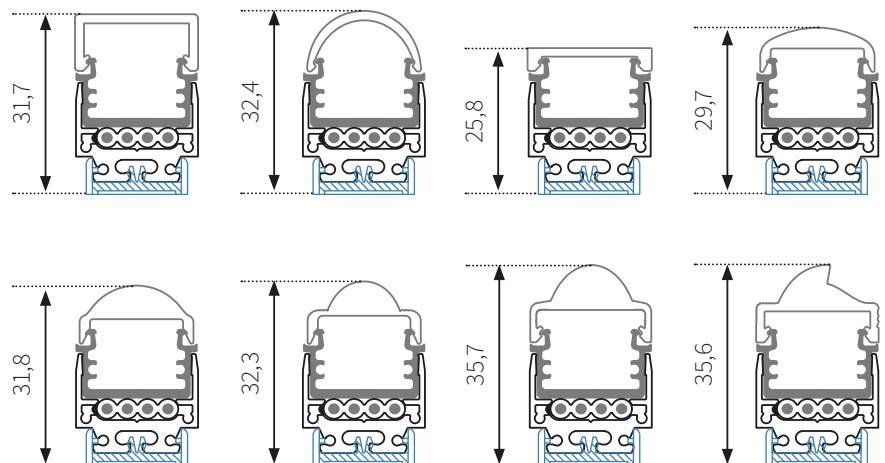
### FL/CLIP-0/0

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



### FL/CLIP-1/0

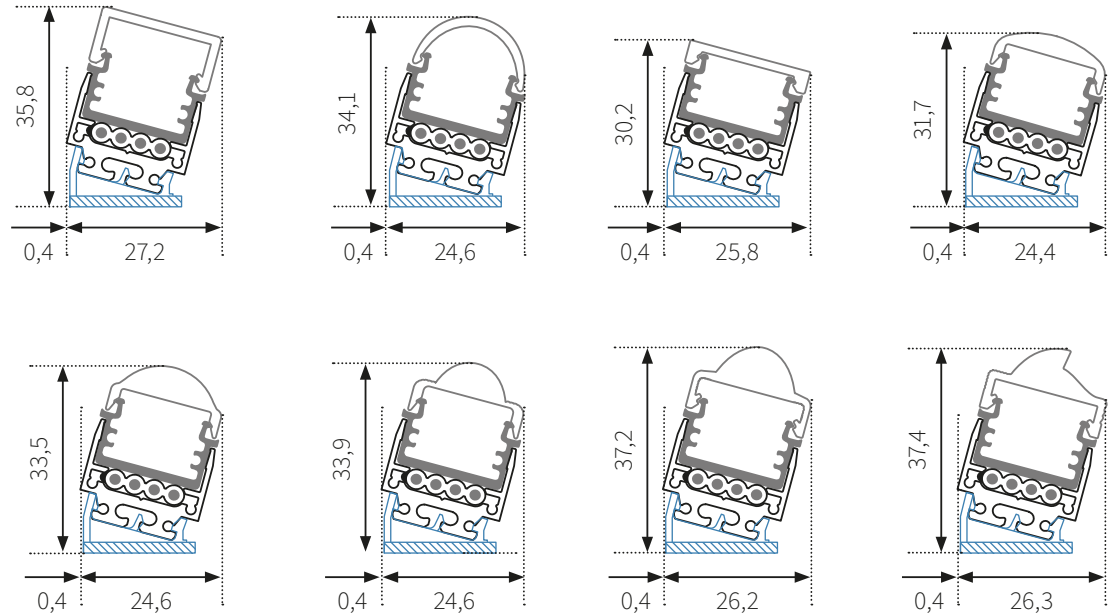
Montageclip 0°, mit Zapfen gegen Gleiten  
mounting clip 0°, with stud to prevent sliding



## 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

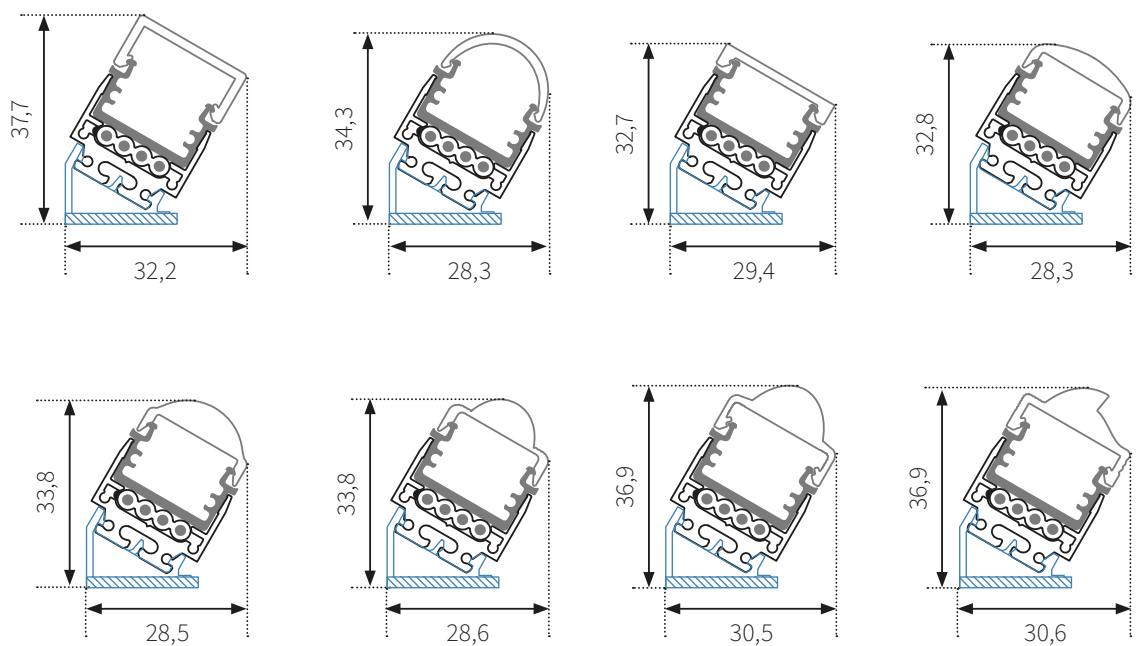
### FL/CLIP-1/15

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

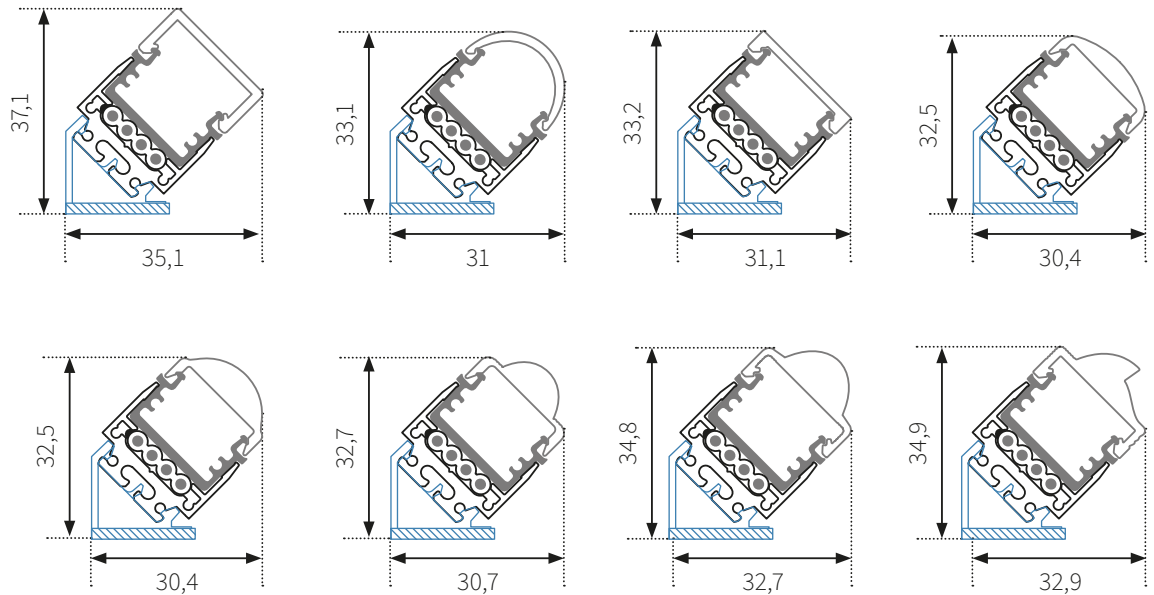


## Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips mit dem Basisprofil G1

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

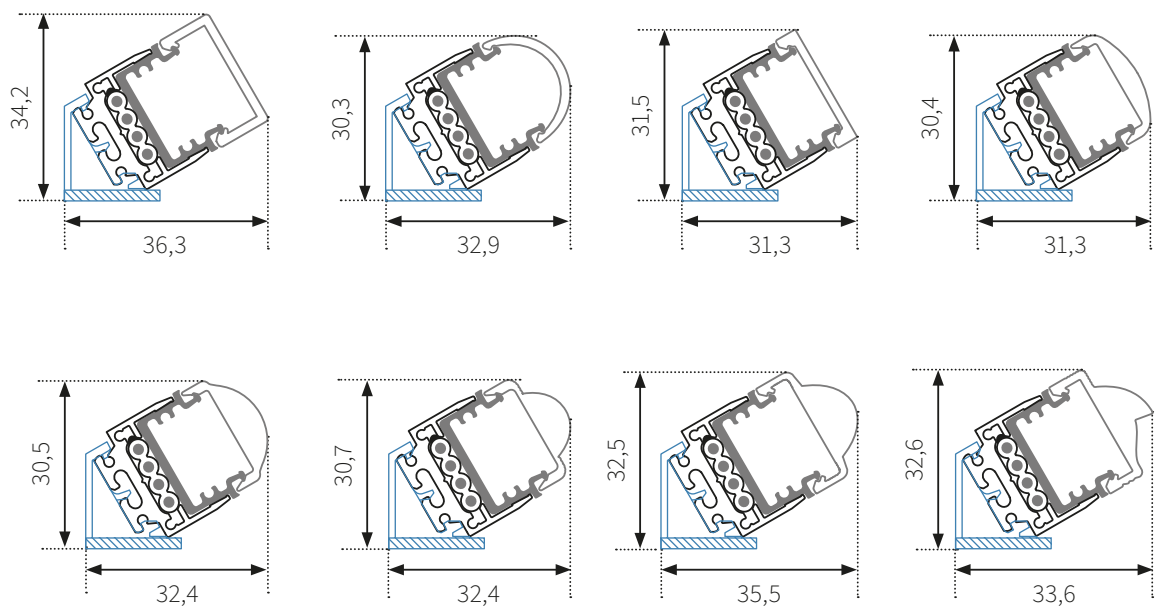
### FL/CLIP-1/45

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

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

## general terms and conditions of business

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

## Bestellinformationen

### Erforderliche Angaben auf Ihrer Bestellung

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

### 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](mailto:bestellung@ledlight.flashaar.com)  
<https://flashaar.de>

### Versandkosten

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

## delivery information

### 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

### ordering address

fLASHAAR 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](mailto:order@ledlight.flashaar.com)  
<https://flashaar.de>

### 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

### Stand: KW 27, 2023

Druckfehler, Irrtum und technische Änderungen sind vorbehalten.

## edition

### last status: week 27, 2023

Technical changes, errors and printing mistakes are reserved.