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2021

FLASHAAR

NP Nova-5

Datenblatt
Datasheet

LICHT auf ganzer Linie
LIGHTING all along the line

NP Nova-5

Lichtstark und wirtschaftlich
High-Quality Light-Intense as Bright as Economic

© Karl Köhler / Besigheim / Brigida González

48 m per feed-in | 3018 lm/m | CRI > 80 | 2700 K – 6500 K**

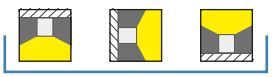
Unsere ebenso lichtstarke wie wirtschaftliche NauticProfil® Nova-5 ist der perfekte Ersatz für Anwendungen, in denen früher Leuchtstoffröhren zum Einsatz gekommen sind: in Hallen, Fluren und Treppenhäusern sorgt sie ebenso für Helligkeit wie bei allen Anwendungen im Außenbereich.
Ein geringer Energieverbrauch und ein optimales Preis-Leistungsverhältnis sprechen ebenso für die Nova-5, wie die stark erhöhte Lebensdauer von über 130 000 Stunden und die geringeren Installationskosten durch die 48 V-Technik.

Our NauticProfil® Nova-5, which is as bright as it is economic, is perfect for replacing fluorescent tubes in all applications where they were previously used: it's great for lighting halls, corridors and staircases and supplies the light for all outdoor applications.
The low energy consumption and an optimum price-performance ratio also speak for the Nova-5, together with the significantly enhanced life cycle of more than 130 000 hours and the reduced installation costs thanks to the 48 V technology.

Eigenschaften Characteristics

Dimmbar Dimming

Optional Optional



Montage 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.

Bestellnummer item number

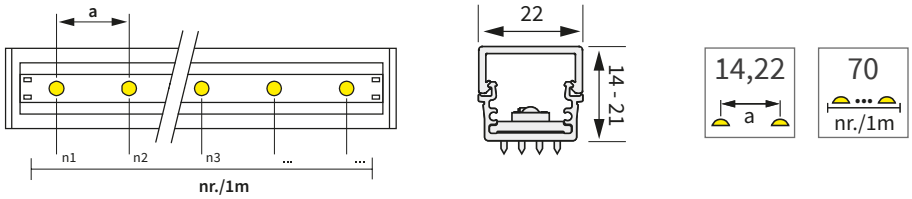
FLNP/L/ 06E | 0508 | / | 827 | / | CR | W

Technische Daten technical data

Nominal voltage: 48 V DC (Range: 46 V to 50 V DC)
Nominal wattage: 24 W/m
Photometric code: 8XX/339; CRI typ. 85
Luminous efficiency [typ]: 126 lm/W
LED service life: L80/B10 > 130 000 h | L90/B10 > 64 000 h
Dimmable: Pulse width modulation (PWM)
Length dividing matrix: 100 mm
LED pitch: 14,22 mm, 70 LEDs/m

Max. length per feed-in:
L(max) DIMMED = 48 m (1252 W)
2 x 16 A PWM Dimmer, cabling scheme D/PWM/2bb
L(max) NOT DIMMED = 48 m (1252 W),
according to cabling scheme S/1

Maße ohne Montageprofil, Cover rechteckig dimensions without mounting profile, cover square



Übersicht Längen & Wattagen overview lengths & wattages

Product-Nr.	L (mm)*	Watt
FLNP/L/06E0108/###/###	0108	2,40
FLNP/L/06E0208/###/###	0208	4,80
FLNP/L/06E0308/###/###	0308	7,20
FLNP/L/06E0408/###/###	0408	9,60
FLNP/L/06E0508/###/###	0508	12,00
FLNP/L/06E0608/###/###	0608	14,40
FLNP/L/06E0708/###/###	0708	16,80
FLNP/L/06E0808/###/###	0808	19,20
FLNP/L/06E0908/###/###	0908	21,60
FLNP/L/06E1008/###/###	1008	24,00

Product-Nr.	L (mm)*	Watt
FLNP/L/06E1108/###/###	1108	26,40
FLNP/L/06E1208/###/###	1208	28,80
FLNP/L/06E1308/###/###	1308	31,20
FLNP/L/06E1408/###/###	1408	33,60
FLNP/L/06E1508/###/###	1508	36,00
FLNP/L/06E1608/###/###	1608	38,40
FLNP/L/06E1708/###/###	1708	40,80
FLNP/L/06E1808/###/###	1808	43,20
FLNP/L/06E1908/###/###	1908	45,60
FLNP/L/06E2008/###/###	2008	48,00

Farbtemperatur und Lumenstrom colour temperature and luminous flux

CRI	Farbtemperatur colour temperature	Lumenstrom luminous flux**	
CRI typ. 85	WW 2700 K	ca. 3018 lm/m	827
CRI typ. 85	WW 3000 K	ca. 3018 lm/m	830
CRI typ. 85	NW 4000 K	ca. 3184 lm/m	840
CRI typ. 85	DL 6500 K	ca. 3184 lm/m	865

* Länge der Leuchteneinsätze im Innenbereich von 108 mm (2,4 W) bis max. 2008 mm (48 W). Im Außenbereich (IP65) Länge von 108 mm (2,4 W) bis max. 1008 mm (24 W). LED-Teilungsraster ist 100 mm.
Light inserts for indoor use from 108 mm long (2,4 W) up to a maximum length of 2008 mm (48 W). Outdoor (IP65) length from 108 mm (2,4 W) to max. 1008 mm (24 W). The grid uses 100 mm increments.

Lichtfarbe/-strom, Cover & Linsen und Lichtverteilungskurven (IP40)
luminous colour/flux, covers & lenses and light distribution curves (IP40)

Cover & Linsen **covers & lenses**	TRANSPARENT **T**	FROSTED **F**	WHITE **W**	GREY **G**
cover round 120° 120° **CR**	3206 lm/m	3090 lm/m	1344 lm/m	
cover square 120° 120° **CS**	3120 lm/m	2884 lm/m	1638 lm/m	1122 lm/m
cover flat 120° 120° **CF**	2972 lm/m	2722 lm/m	1522 lm/m	
lens 90° 90° **L9**	3176 lm/m	3026 lm/m		
lens 60° 60° **L6**	3170 lm/m	3034 lm/m		
lens 30° 30° **L3**	3062 lm/m	2880 lm/m		
lens 15° 15° **L1**		2886 lm/m		
lens LAF-2 asymmetric 5° 10° **LA**		2802 lm/m		

Alle Werte in der Tabelle gemessen bei 2700 K. Messwerte unterliegen den typischen Toleranzen. Andere Konfigurationen erhalten Sie auf Anfrage.
All values in the table measured at 2700 K. Measured values are subject to the typical tolerances. Other configurations are available on request.

Alle lichttechnischen Daten – vermessen im FLASHAAR® Lichtlabor – finden Sie unter flashaar.de im Download-Bereich.
Alle Messwerte unterliegen den typischen Toleranzen.
All photometric data – measured in FLASHAAR's light laboratory – available at flashaar.de/en in the download area. All measured values are subject to the typical tolerances.

EPREL-Daten:

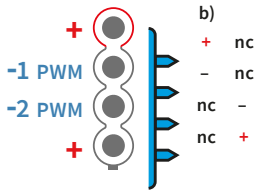
2700 K 3000 K 4000 K

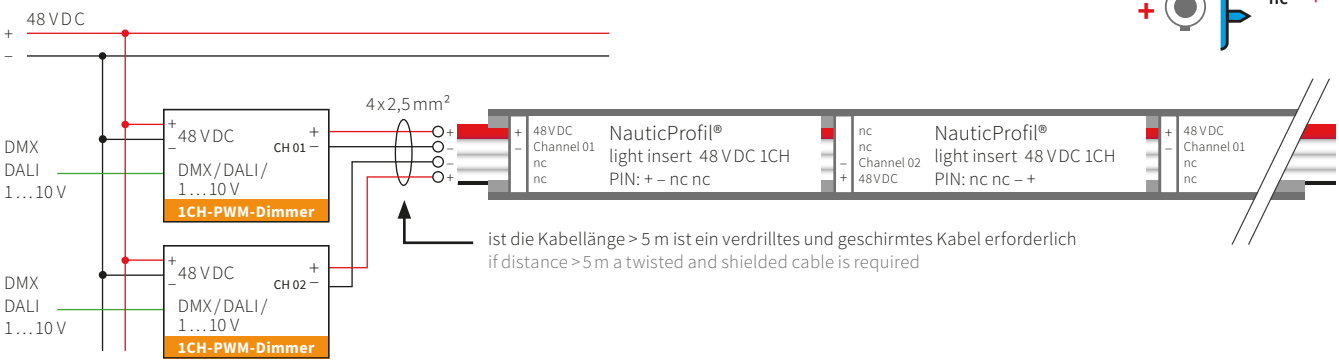
Verdrahtungsschema
wiring diagrams

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

D/PWM/2bb
(2x1CH)

Dimmbar mittels PWM, System mit 2 Dimmern 1CH, 48 V DC /
1CH Leuchteneinsätze / Dimmart: PWM
Dimmable by PWM, System with 2 dimmer 1CH, 48 V DC /
1CH light insert / Dimming: PWM

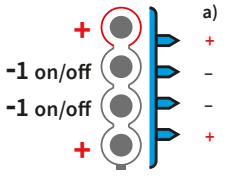


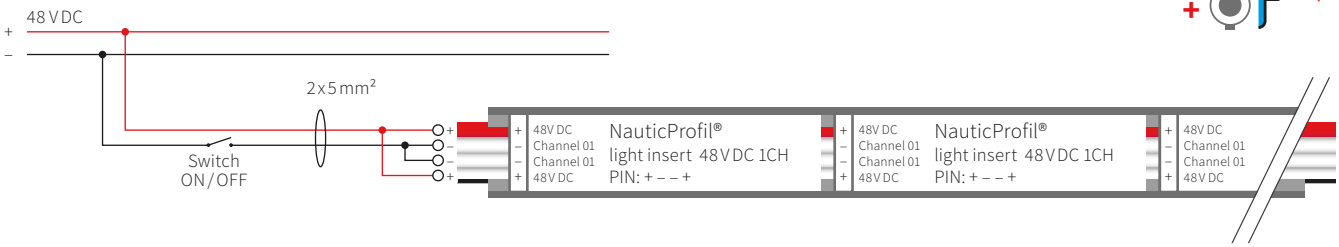


ist die Kabellänge > 5 m ist ein verdrilltes und geschirmtes Kabel erforderlich
if distance > 5 m a twisted and shielded cable is required

S / 1a
(1 x 1CH)

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





Weitere Verdrahtungsschemata in unserem aktuellen Katalog.
Further Cabling Scheme in our current catalogue.

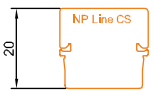
* Standard PIN-Belegung ist + – – + (D/PWM/1a)
standard pin layout is + – – + (D/PWM/1a)

Übersicht Abmessungen und Einbaumaße
Overview dimensions and installation dimensions

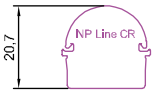
covers and lenses ▶

NP mounting profiles ▼

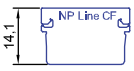
cover CS



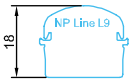
cover CR



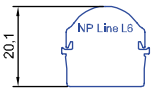
cover CF



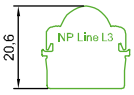
lens L9



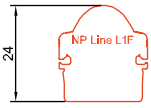
lens L6



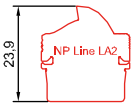
lens L3



lens L1



lens LAF-2



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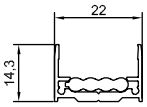

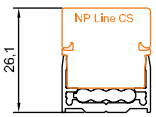

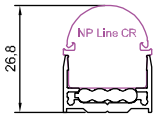

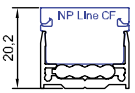

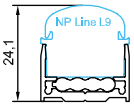

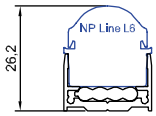

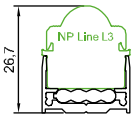

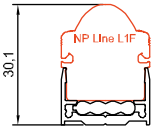

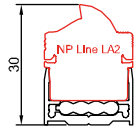

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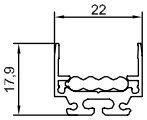

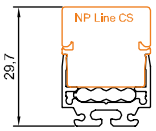

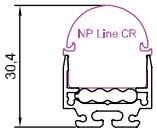

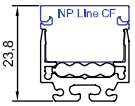

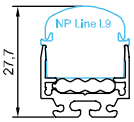

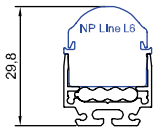

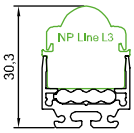

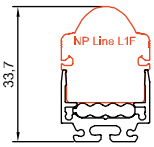

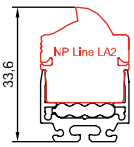

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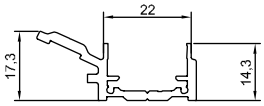

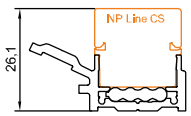

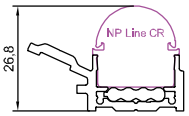

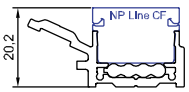

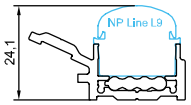

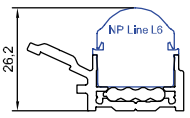

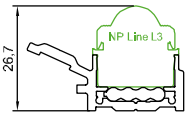

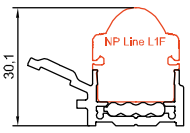

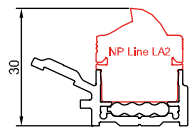

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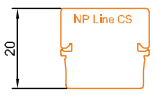
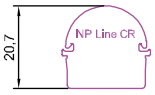
covers and lenses ▶

NP mounting profiles ▼

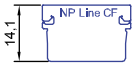
cover CS



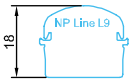
cover CR



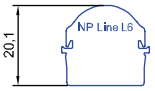
cover CF



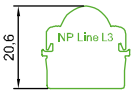
lens L9



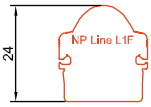
lens L6



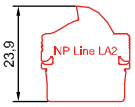
lens L3



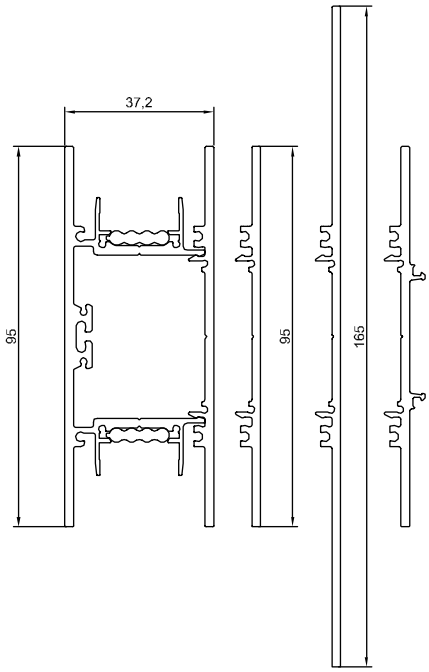
lens L1

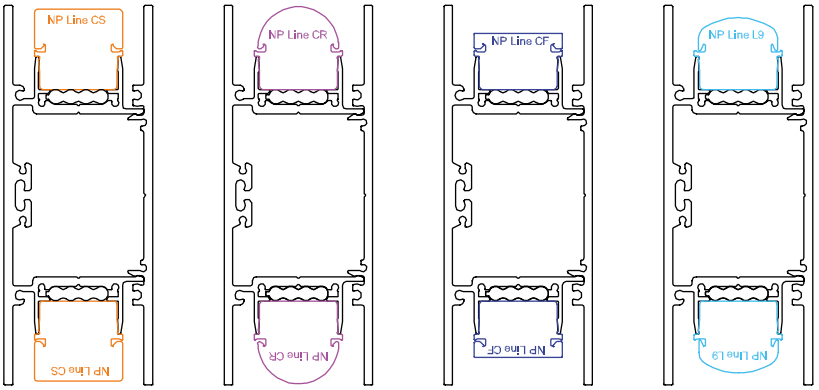


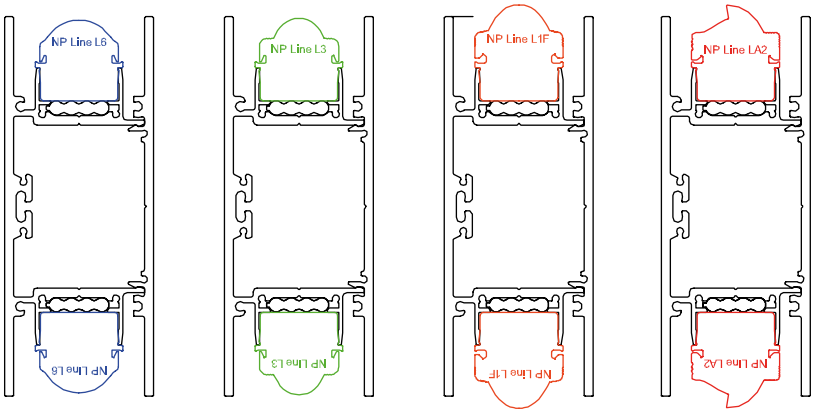
lens LAF-2



NP-H1 / H2 / H3





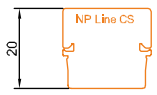


Übersicht Abmessungen und Einbaumaße
Overview dimensions and installation dimensions

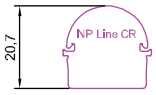
covers and lenses ▶

NP mounting profiles ▼

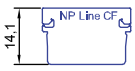
cover CS



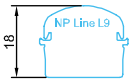
cover CR



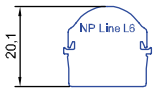
cover CF



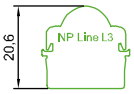
lens L9



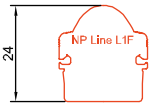
lens L6



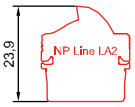
lens L3



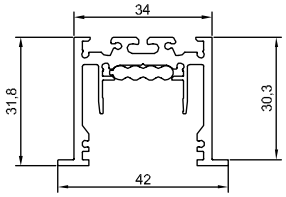
lens L1

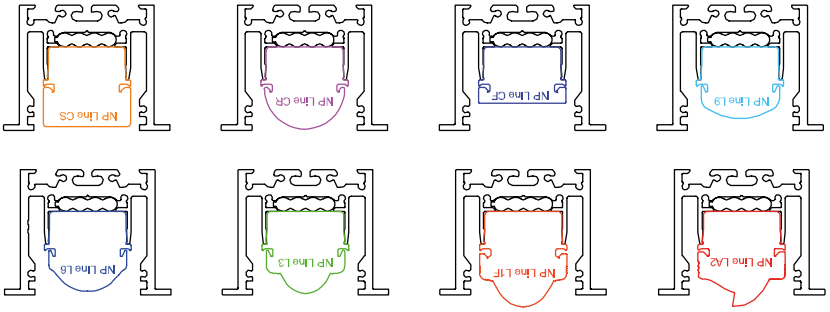


lens LAF-2

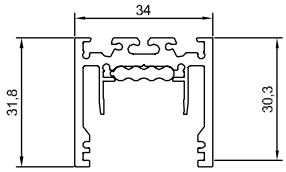


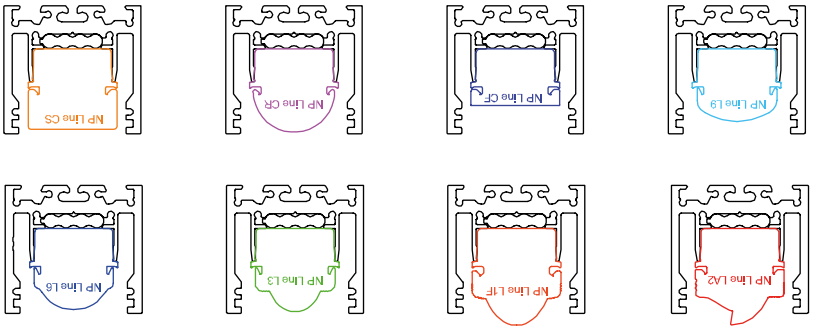
NP-R1



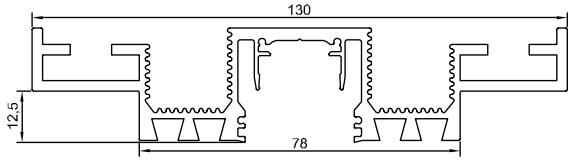


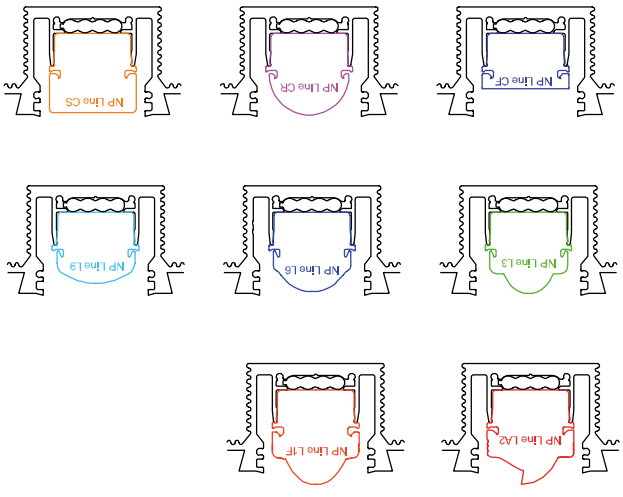
NP-R2





NP-R3



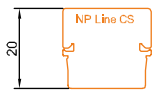


Übersicht Abmessungen und Einbaumaße
Overview dimensions and installation dimensions

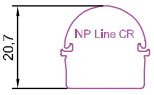
covers and lenses ▶

NP mounting profiles ▼

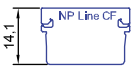
cover CS



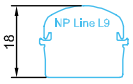
cover CR



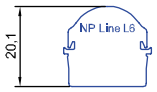
cover CF



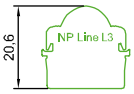
lens L9



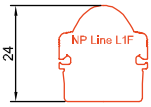
lens L6



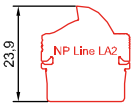
lens L3



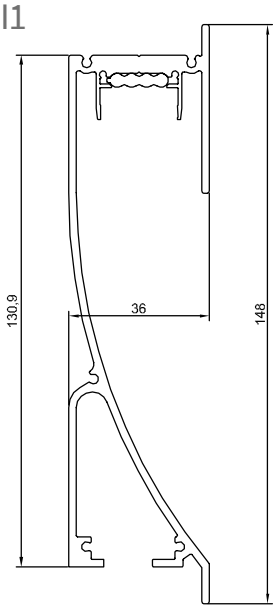
lens L1

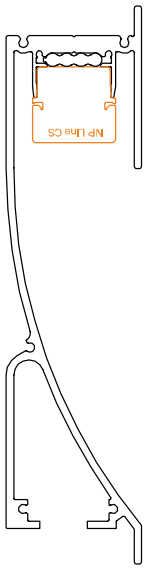


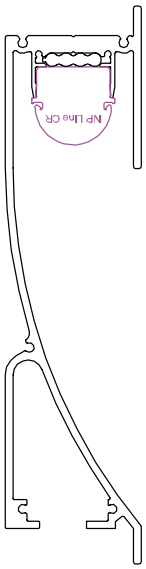
lens LAF-2

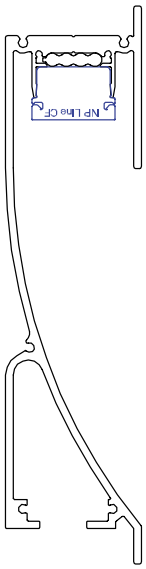


NP-I1

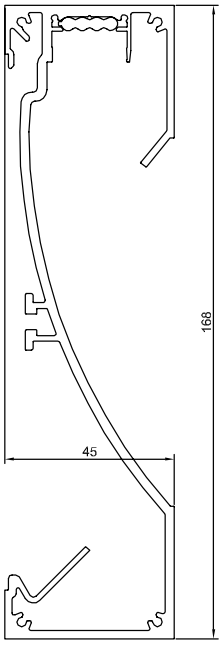


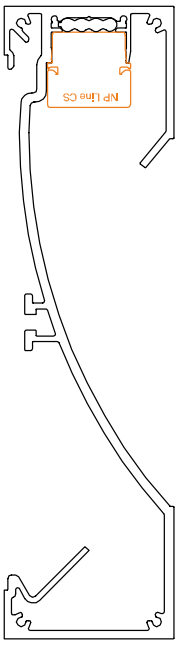


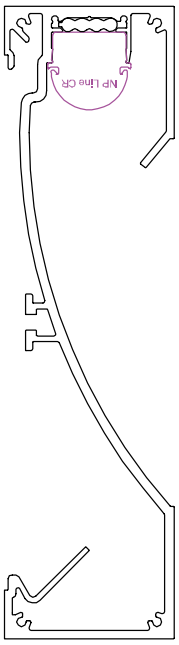


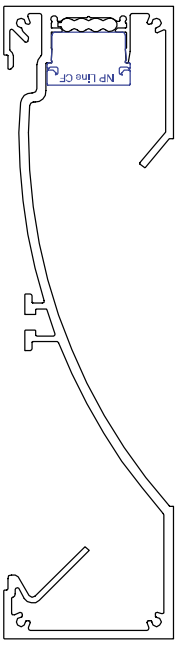


NP-I2







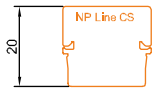


Übersicht Abmessungen und Einbaumaße
Overview dimensions and installation dimensions

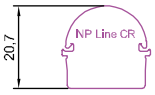
covers and lenses ▶

NP mounting profiles ▼

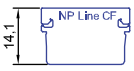
cover CS



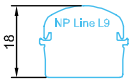
cover CR



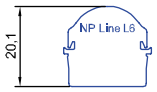
cover CF



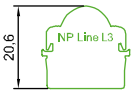
lens L9



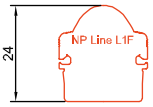
lens L6



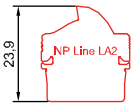
lens L3



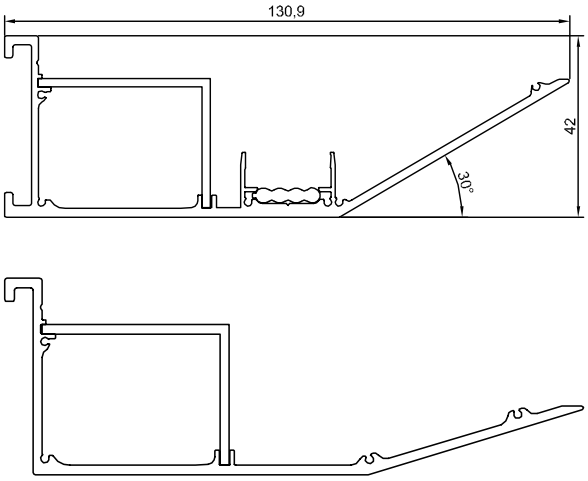
lens L1

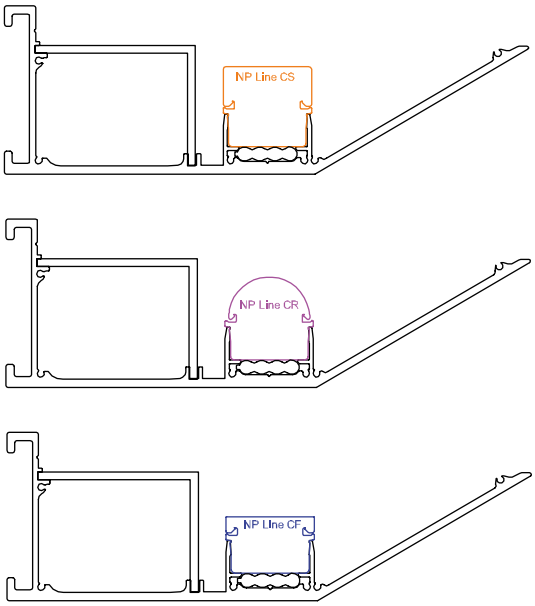


lens LAF-2



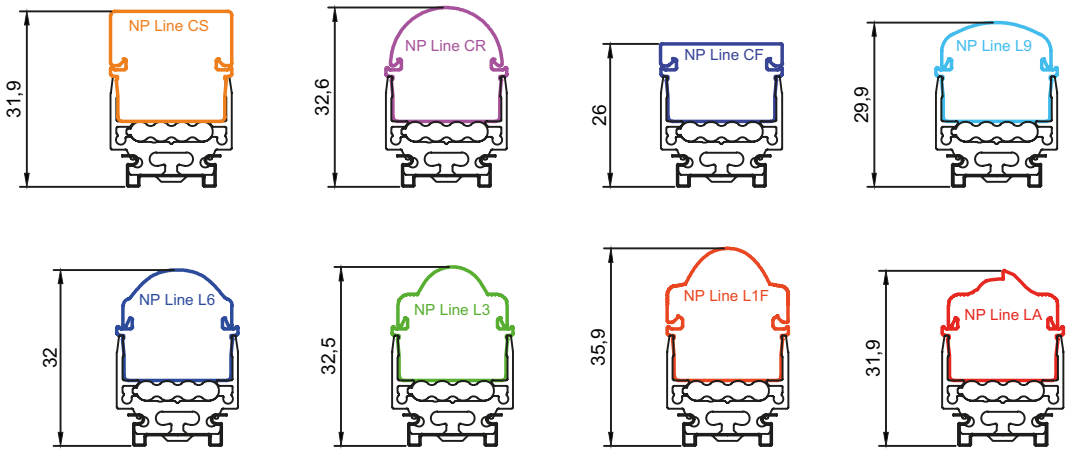
NP-W1 / W2



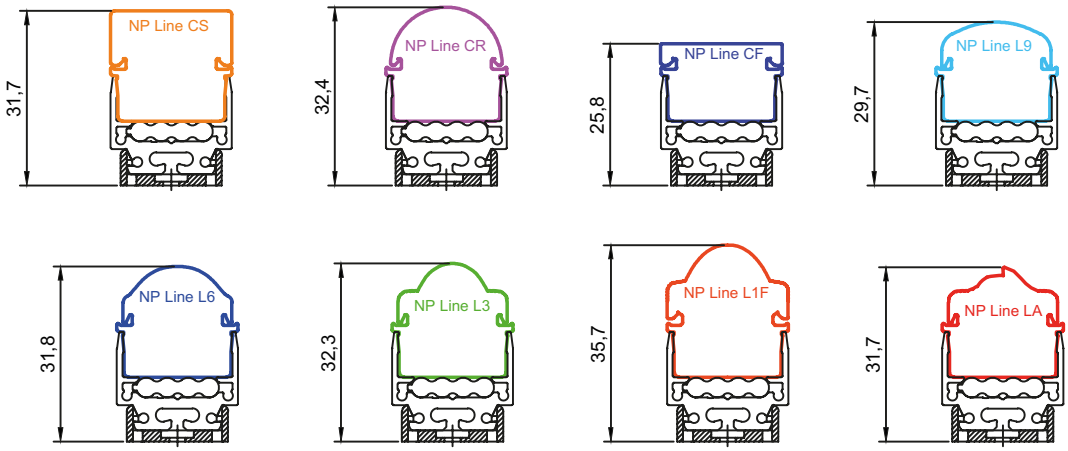


Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips
Overview dimensions and installation dimensions NP-S2 with mounting clips

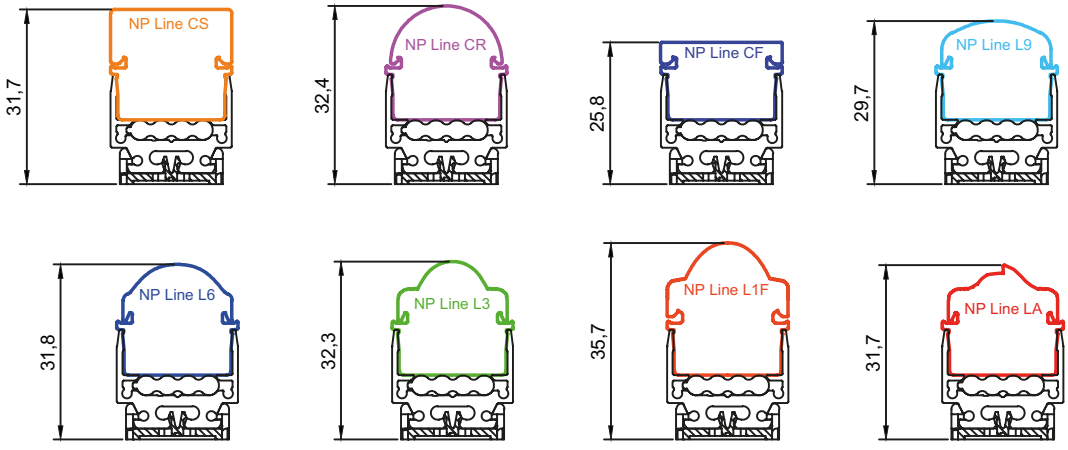
FL/SCLIP-0/0
Federclip 0°
spring clip 0°



FL/CLIP-0/0
Montageclip 0°, ohne Zapfen gegen Gleiten
mounting clip 0°, without stud to prevent sliding

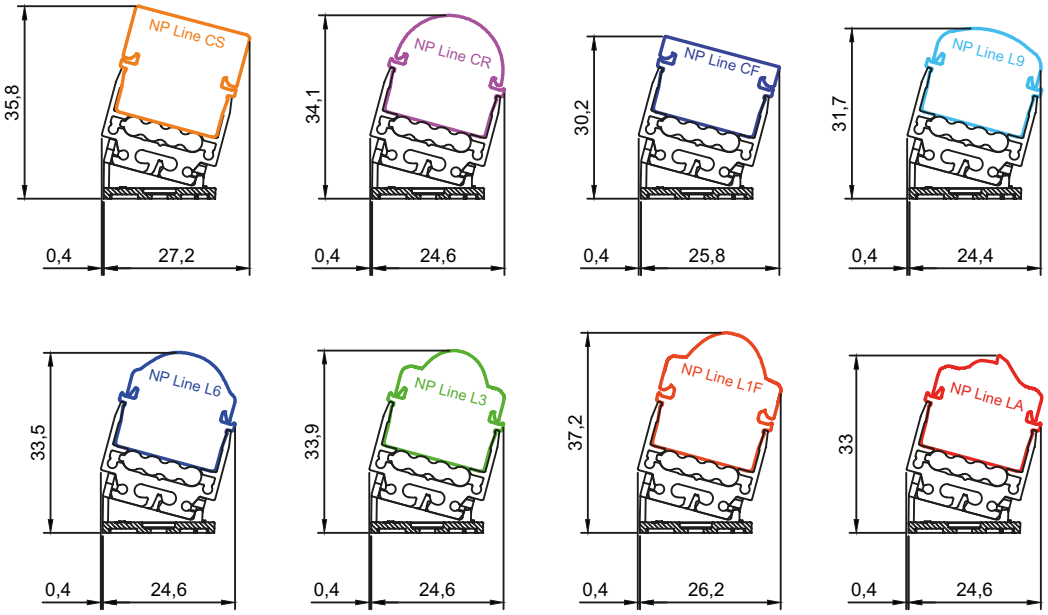


FL/CLIP-1/0
Montageclip 0°, mit Zapfen gegen Gleiten
mounting clip 0°, with stud to prevent sliding

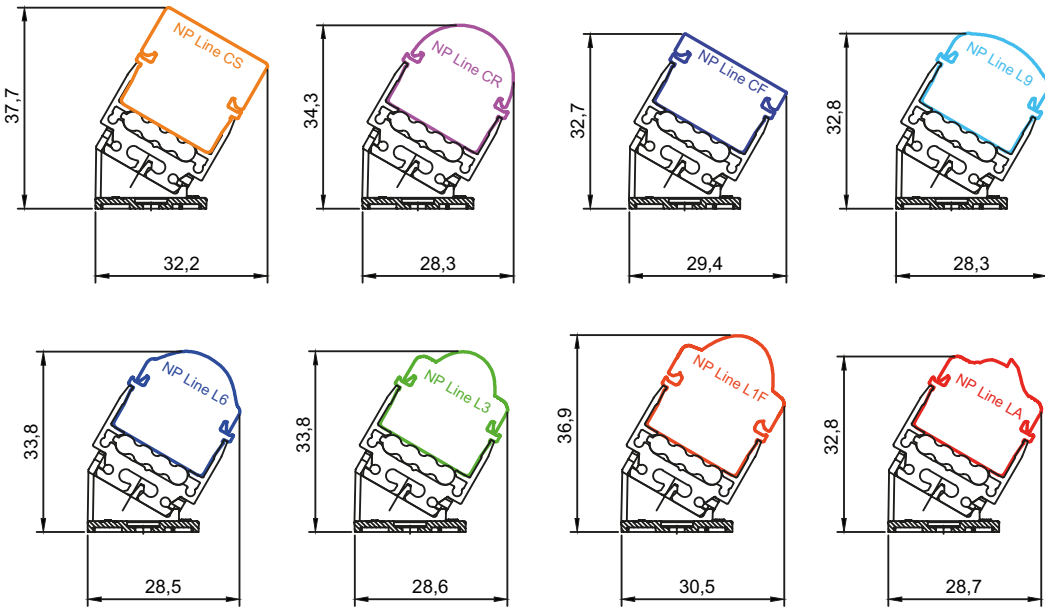


Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips
Overview dimensions and installation dimensions NP-S2 with mounting clips

FL/CLIP-1/15
Montageclip 15°, mit Zapfen gegen Gleiten
mounting clip 15°, with stud to prevent sliding

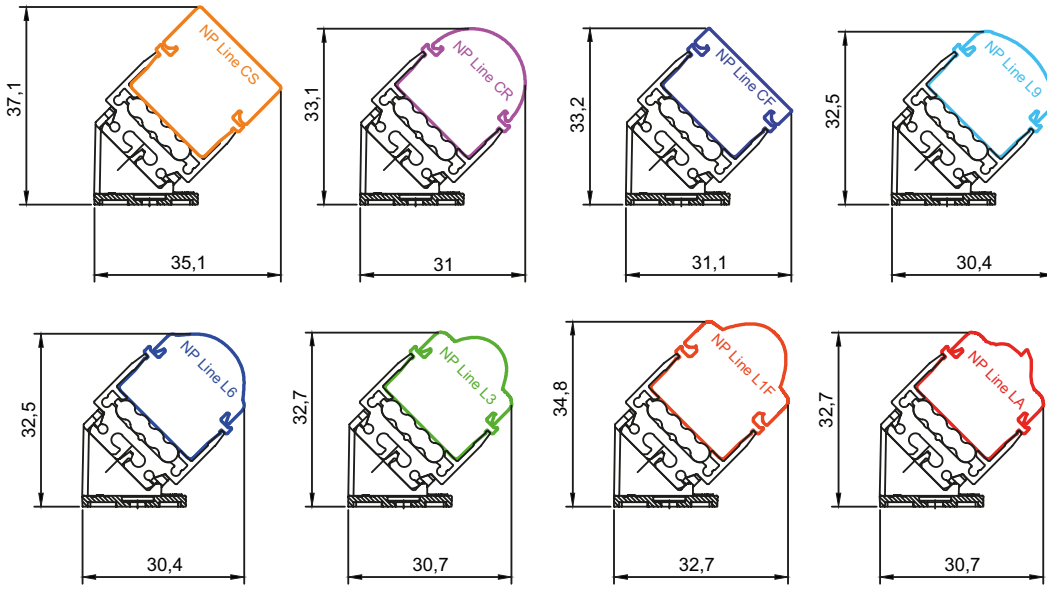


FL/CLIP-1/30
Montageclip 30°, mit Zapfen gegen Gleiten
mounting clip 30°, with stud to prevent sliding

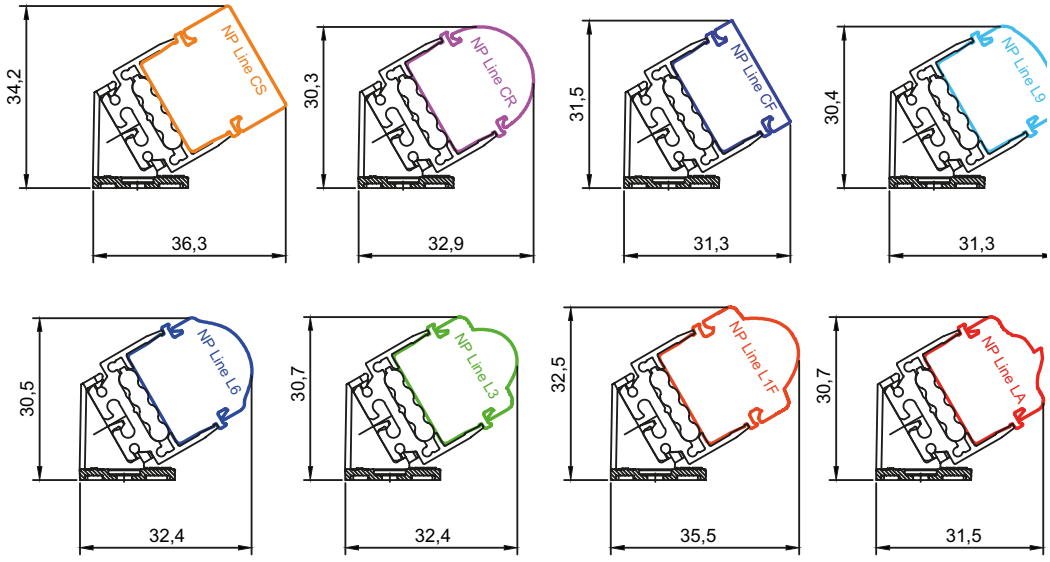


Übersicht Abmessungen und Einbaumaße NP-S2 mit Montageclips
Overview dimensions and installation dimensions NP-S2 with mounting clips

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
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
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: KW07, 2022
Druckfehler, Irrtum und technische Änderungen sind vorbehalten.

Edition

Last status: week 07, 2022
Technical changes, errors and printing mistakes are reserved.