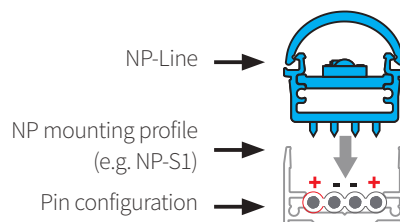


Navigator

Für energieeffiziente und wirtschaftliche Beleuchtungen
For energy-efficient and cost-effective lighting



43 m per feed-in || 1200 lm/m || CRI_{TYP} 83 || 2700° – 6500°K

Ihre hohe Effizienz von 125 lm/W machen die NauticProfil® Line Navigator zur ersten Wahl für wirtschaftliche Allgemeinbeleuchtungen. Die wartungsfreie Lebensdauer von 50.000 Stunden trägt ebenfalls dazu bei. Rund 1200 lm/m Lichtstrom sorgen für ausreichend Helligkeit.

The highly efficient 132 lm/W makes the NauticProfil® Line Navigator series the first choice for cost-effective general lighting. The maintenance-free lifespan of 50,000 hours also contributes to the cost-effectiveness of these products. Sufficient brightness is achieved with around 1,200 lm/m luminous flux.



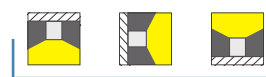
Eigenschaften *Characteristics*



Dimmbar *Dimming*



Optional *Optional*



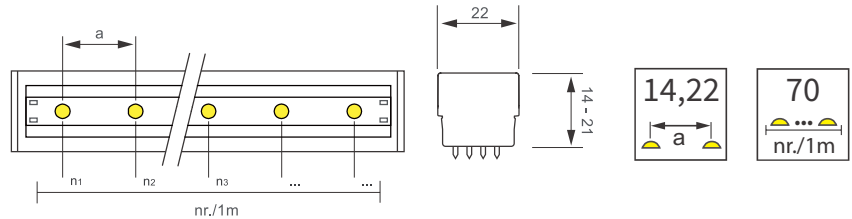
Montage *Mounting*

Technische Daten

Technical Data

Nominal voltage: 24 V (Range: 23,5 V to 26 V), Nominal wattage: 9,6 W/m
 Type of current: DC
 Photometric code: 8XX/339
 Luminous efficacy: 125 lm/W
 LED service life: L80/B10 - 100 000 h | L90/B10 44 000 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 = 43 m (459 W)**.
 2 x 16A PWM-Dimmer, cabling scheme D/PWM/2.
L(max) NOT DIMMED = 43 m (459 W) according to cabling scheme S/1.

Maße
 ohne Montageprofil,
 Cover Square
Dimensions
 without mounting profile,
 Cover Square

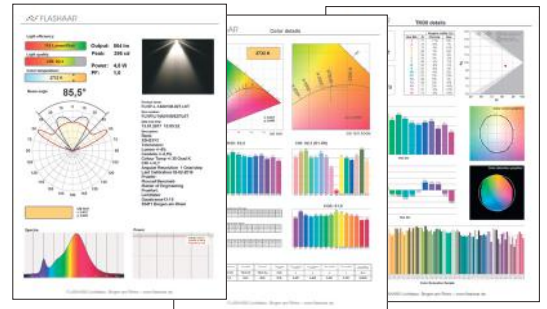


Lichtverteilung

Light distribution

Alle lichttechnischen Daten
 - vermessen im FLASHAAR
 Lichtlabor - finden Sie unter
www.flashaar.com

Light-distribution curves for
 all light inserts – measured in
 FLASHAAR's light laboratory –
 at www.flashaar.com



Bestellnummer

Item number

Produkt Product
 Länge Length (mm)*

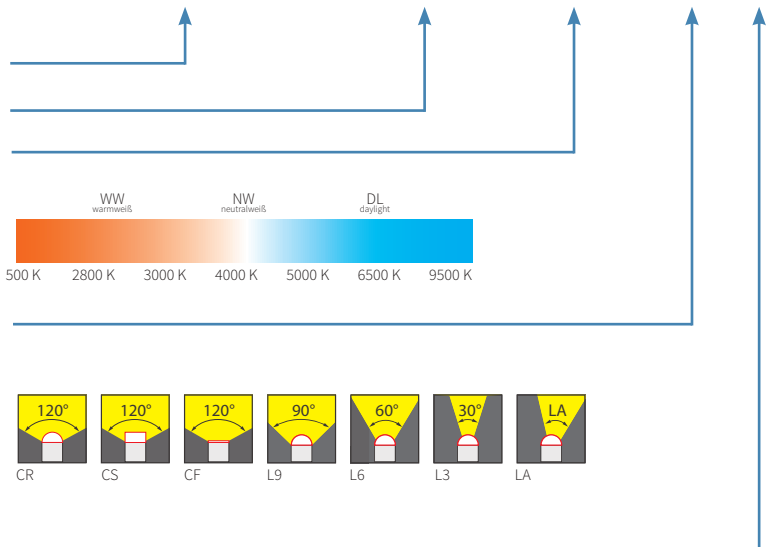
Lichtfarbe/-strom Luminous colour/flux**
 WW 2700°K ca. 1200 lm/m.....827
 WW 3000°K ca. 1200 lm/m.....830
 NW 4000°K ca. 1200 lm/m.....840
 DL 5600°K ca. 1200 lm/m.....856
 DL 6500°K ca. 1200 lm/m.....865

Cover & Linsen Covers & lenses
 Cover round 120°.....CR
 Cover square 120°.....CS
 Cover flat 120°.....CF
 Lens 90° transparent & frosted.....L9
 Lens 60° transparent & frosted.....L6
 Lens 30° transparent & frosted.....L3
 Lens 10°/30° asymmetric & frosted.....LA

Cover-/ Linsenfarbe Cover-/ lens colour
 Transparent.....T
 Frosted.....F
 White.....W

optional optional
 PU-Verguss IP65 PU-Coating IP65

FLNP / L / 14 A | 0 1 0 8 | 8 2 7 | C R | W



FLNP / IP 65 - COATING

* Länge der Leuchteneinsätze ab 108 mm (0,96 W) bis max. 2008 mm (19,20 W), Außenbereich bis max 1008 mm. Teilungsraster in 100 mm-Schritten. Übersicht der Längen und Wattagen siehe S. 80/81 Light inserts from 108 mm long (0.96 W) up to a maximum length of 2,008 mm (19.20 W) and up to 1,008 mm long for outdoor areas. The grid uses 100 mm increments. Please refer to Page 80/81 for an overview of lengths and wattages
 ** Alle Angaben zum Lumenstrom beziehen sich auf das Leuchtmittel. In Kombination mit Cover/Linsen kommt es zu materialbedingtem Lichtverlust. Eulumsdats aller Varianten unter www.flashaar.com ** All information about the luminous flux refers to the lamp. Covers and lenses on luminaires will naturally result in the material causing a little of loss lighting. Eulumdats for all versions at www.flashaar.com

NauticProfil Line / Focus: Übersicht Längen & Wattagen

NauticProfil Line / Focus: Overview lengths & wattages

Produkt / Product: NP Line Sta. Maria-4	L (mm)*	Watt
FLNP/L/01C0108/###/###	108	0,48
FLNP/L/01C0208/###/###	208	0,96
FLNP/L/01C0308/###/###	308	1,44
FLNP/L/01C0408/###/###	408	1,92
FLNP/L/01C0508/###/###	508	2,40
FLNP/L/01C0608/###/###	608	2,88
FLNP/L/01C0708/###/###	708	3,36
FLNP/L/01C0808/###/###	808	3,84
FLNP/L/01C0908/###/###	908	4,32
FLNP/L/01C1008/###/###	1008	4,80
FLNP/L/01C1108/###/###	1108	5,28
FLNP/L/01C1208/###/###	1208	5,76
FLNP/L/01C1308/###/###	1308	6,24
FLNP/L/01C1408/###/###	1408	6,72
FLNP/L/01C1508/###/###	1508	7,20
FLNP/L/01C1608/###/###	1608	7,68
FLNP/L/01C1708/###/###	1708	8,16
FLNP/L/01C1808/###/###	1808	8,64
FLNP/L/01C1908/###/###	1908	9,12
FLNP/L/01C2008/###/###	2008	9,60
Produkt / Product: NP Line Victory-4	L (mm)*	Watt
FLNP/L/03C0058/###/###	58	0,45
FLNP/L/03C0108/###/###	108	0,89
FLNP/L/03C0158/###/###	158	1,34
FLNP/L/03C0208/###/###	208	1,78
FLNP/L/03C0258/###/###	258	2,23
FLNP/L/03C0308/###/###	308	2,67
FLNP/L/03C0358/###/###	358	3,12
FLNP/L/03C0408/###/###	408	3,56
FLNP/L/03C0458/###/###	458	4,01
FLNP/L/03C0508/###/###	508	4,45
FLNP/L/03C0558/###/###	558	4,90
FLNP/L/03C0608/###/###	608	5,34
FLNP/L/03C0658/###/###	658	5,79
FLNP/L/03C0708/###/###	708	6,23
FLNP/L/03C0758/###/###	758	6,68
FLNP/L/03C0808/###/###	808	7,12
FLNP/L/03C0858/###/###	858	7,57
FLNP/L/03C0908/###/###	908	8,01
FLNP/L/03C0958/###/###	958	8,46
FLNP/L/03C1008/###/###	1008	8,90
FLNP/L/03C1058/###/###	1058	9,35
FLNP/L/03C1108/###/###	1108	9,79
FLNP/L/03C1158/###/###	1158	10,24
FLNP/L/03C1208/###/###	1208	10,68
FLNP/L/03C1258/###/###	1258	11,13
FLNP/L/03C1308/###/###	1308	11,57
FLNP/L/03C1358/###/###	1358	12,02
FLNP/L/03C1408/###/###	1408	12,46
FLNP/L/03C1458/###/###	1458	12,91

↑ Base code ↑ Light colour ↑ Cover & Lens

Produkt / Product: NP Line Victory-4	L (mm)*	Watt
FLNP/L/03C1508/###/###	1508	13,35
FLNP/L/03C1558/###/###	1558	13,80
FLNP/L/03C1608/###/###	1608	14,24
FLNP/L/03C1658/###/###	1658	14,69
FLNP/L/03C1708/###/###	1708	15,13
FLNP/L/03C1758/###/###	1758	15,58
FLNP/L/03C1808/###/###	1808	16,02
FLNP/L/03C1858/###/###	1858	16,47
FLNP/L/03C1908/###/###	1908	16,91
FLNP/L/03C1958/###/###	1958	17,36
FLNP/L/03C2008/###/###	2008	17,80
Produkt / Product: NP Line Navigator	L (mm)*	Watt
FLNP/L/14A0108/###/###	108	0,96
FLNP/L/14A0208/###/###	208	1,92
FLNP/L/14A0308/###/###	308	2,88
FLNP/L/14A0408/###/###	408	3,84
FLNP/L/14A0508/###/###	508	4,80
FLNP/L/14A0608/###/###	607	5,76
FLNP/L/14A0708/###/###	708	6,72
FLNP/L/14A0808/###/###	808	7,68
FLNP/L/14A0908/###/###	908	8,64
FLNP/L/14A1008/###/###	1008	9,60
FLNP/L/14A1108/###/###	1108	10,56
FLNP/L/14A1208/###/###	1208	11,52
FLNP/L/14A1308/###/###	1308	12,48
FLNP/L/14A1408/###/###	1408	13,44
FLNP/L/14A1508/###/###	1508	14,40
FLNP/L/14A1608/###/###	1608	15,36
FLNP/L/14A1708/###/###	1708	16,32
FLNP/L/14A1808/###/###	1808	17,28
FLNP/L/14A1908/###/###	1908	18,24
FLNP/L/14A2008/###/###	2008	19,20
Produkt / Product: NP LineRadiant	L (mm)*	Watt
FLNP/L/15A0108/###/###	108	2,4
FLNP/L/15A0208/###/###	208	4,8
FLNP/L/15A0308/###/###	308	7,2
FLNP/L/15A0408/###/###	408	9,6
FLNP/L/15A0508/###/###	508	12,0
FLNP/L/15A0608/###/###	608	14,4
FLNP/L/15A0708/###/###	708	16,8
FLNP/L/15A0808/###/###	808	19,0
FLNP/L/15A0908/###/###	908	21,6
FLNP/L/15A1008/###/###	1008	24,0
FLNP/L/15A1108/###/###	1108	26,4
FLNP/L/15A1208/###/###	1208	28,8
FLNP/L/15A1308/###/###	1308	31,2
FLNP/L/15A1408/###/###	1408	33,6
FLNP/L/15A1508/###/###	1508	36,0
FLNP/L/15A1608/###/###	1608	38,4
FLNP/L/15A1708/###/###	1708	40,8

↑ Base code ↑ Light colour ↑ Cover & Lens

Bitte bei Bestellung die Art.Nr. um die gewünschte Lichtfarbe und Cover / Linse ergänzen. Please complete the item nr. with the desired light colour and cover / lens type.
 * für Außenbereich: max. 1008 mm / for outdoor area: max. 1008 mm

Produkt / Product: NP LineRadiant

Produkt / Product: NP LineRadiant	L (mm)*	Watt
FLNP/L/15A1808/###/###	1808	43,2
FLNP/L/15A1908/###/###	1908	45,6
FLNP/L/15A2008/###/###	2008	48,0

Produkt / Product: NP Line Nova-4

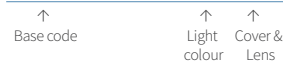
Produkt / Product: NP Line Nova-4	L (mm)*	Watt
FLNP/L/06D0108/###/###	108	2,4
FLNP/L/06D0208/###/###	208	4,8
FLNP/L/06D0308/###/###	308	7,2
FLNP/L/06D0408/###/###	408	9,6
FLNP/L/06D0508/###/###	508	12,0
FLNP/L/06D0608/###/###	608	14,4
FLNP/L/06D0708/###/###	708	16,8
FLNP/L/06D0808/###/###	808	19,2
FLNP/L/06D0908/###/###	908	21,6
FLNP/L/06D1008/###/###	1008	24,0
FLNP/L/06D1108/###/###	1108	26,4
FLNP/L/06D1208/###/###	1208	28,8
FLNP/L/06D1308/###/###	1308	31,2
FLNP/L/06D1408/###/###	1408	33,6
FLNP/L/06D1508/###/###	1508	36,0
FLNP/L/06D1608/###/###	1608	38,4
FLNP/L/06D1708/###/###	1708	40,8
FLNP/L/06D1808/###/###	1808	43,2
FLNP/L/06D1908/###/###	1908	45,6
FLNP/L/06D2008/###/###	2008	48,0

Produkt / Product: NP Line Pegasus-3

Produkt / Product: NP Line Pegasus-3	L (mm)*	Watt
FLNP/L/09C0108/XKS/###	108	2x2,4
FLNP/L/09C0208/XKS/###	208	2x4,8
FLNP/L/09C0308/XKS/###	308	2x7,2
FLNP/L/09C0408/XKS/###	408	2x9,6
FLNP/L/09C0508/XKS/###	508	2x12,0
FLNP/L/09C0608/XKS/###	608	2x14,4
FLNP/L/09C0708/XKS/###	708	2x16,8
FLNP/L/09C0808/XKS/###	808	2x19,2
FLNP/L/09C0908/XKS/###	908	2x21,6
FLNP/L/09C1008/XKS/###	1008	2x24

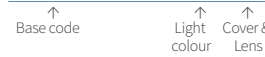
Produkt / Product: NP Line Enterprise-3

Produkt / Product: NP Line Enterprise-3	L (mm)*	Watt
FLNP/L/08B0108/RGB/###	108	1,8
FLNP/L/08B0208/RGB/###	208	3,6
FLNP/L/08B0308/RGB/###	308	5,4
FLNP/L/08B0408/RGB/###	408	7,2
FLNP/L/08B0508/RGB/###	508	9,0



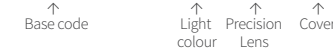
Produkt / Product: NP Line Enterprise-3

Produkt / Product: NP Line Enterprise-3	L (mm)*	Watt
FLNP/L/08B0608/RGB/###	608	10,8
FLNP/L/08B0708/RGB/###	708	12,6
FLNP/L/08B0808/RGB/###	808	14,4
FLNP/L/08B0908/RGB/###	908	16,2
FLNP/L/08B1008/RGB/###	1008	18,0
FLNP/L/08B1108/RGB/###	1108	19,8
FLNP/L/08B1208/RGB/###	1208	21,6
FLNP/L/08B1308/RGB/###	1308	23,4
FLNP/L/08B1408/RGB/###	1408	25,2
FLNP/L/08B1508/RGB/###	1508	27,0
FLNP/L/08B1608/RGB/###	1608	28,8
FLNP/L/08B1708/RGB/###	1708	30,6
FLNP/L/08B1808/RGB/###	1808	32,4
FLNP/L/08B1908/RGB/###	1908	34,2
FLNP/L/08B2008/RGB/###	2008	36,0



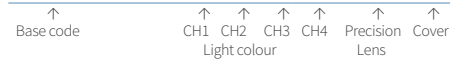
Produkt / Product: NP Focus-2 1 Channel

FLNP/F1C/B0258/### / ### / ###	258	10,5
FLNP/F1C/B0508/### / ### / ###	508	21
FLNP/F1C/B0758/### / ### / ###	758	31,5
FLNP/F1C/B1008/### / ### / ###	1008	42
FLNP/F1C/B1258/### / ### / ###	1258	52,5
FLNP/F1C/B1508/### / ### / ###	1508	63
FLNP/F1C/B1758/### / ### / ###	1758	73,5
FLNP/F1C/B2008/### / ### / ###	2008	84



Produkt / Product: NP Focus-2 4 Channel

FLNP/F4C/B0258/### ### ### ### / ### / ###	258	14,1
FLNP/F4C/B0508/### ### ### ### / ### / ###	508	28,2
FLNP/F4C/B0758/### ### ### ### / ### / ###	758	42,3
FLNP/F4C/B1008/### ### ### ### / ### / ###	1008	56,4



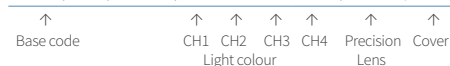
Produkt / Product: NP Darklite 1 Channel

FLDL/F1C/B0258/### / ### / ###	258	10,5
FLDL/F1C/B0508/### / ### / ###	508	21
FLDL/F1C/B0758/### / ### / ###	758	31,5
FLDL/F1C/B1008/### / ### / ###	1008	42
FLDL/F1C/B1258/### / ### / ###	1258	52,5
FLDL/F1C/B1508/### / ### / ###	1508	63
FLDL/F1C/B1758/### / ### / ###	1758	73,5
FLDL/F1C/B2008/### / ### / ###	2008	84



Produkt / Product: Darklite 4 Channel

FLDL/F4C/B0258/### ### ### ### / ### / ###	258	14,1
FLDL/F4C/B0508/### ### ### ### / ### / ###	508	28,2
FLDL/F4C/B0758/### ### ### ### / ### / ###	758	42,3
FLDL/F4C/B1008/### ### ### ### / ### / ###	1008	56,4



Bitte bei Bestellung die Art.Nr. um die gewünschte Lichtfarbe und Cover/Linse ergänzen. *Please complete the item nr. with the desired light colour and cover/lens type.*
 * für Außenbereich: max. 1008 mm / for outdoor area: max. 1008 mm