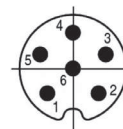


Focus-2 4Channel Darklite

RGBW Lichteffekte ohne Blendung
RGBW light effects without glare



Binder-Stecker, 6-polig mit 25 cm
 Kabel, Binder-Male-connector,
 6-contacts with 25 cm cable



- 1 braun/brown = +
 - 2 weiss/white = - weiss/white
 - 3 blau/blue = - blau/blue
 - 4 schwarz/black = n.b./not connect
 - 5 grau/grey = - grün/green
 - 6 rosa/pink = - rot/red
- Achtung! Kein Verpolschutz!
 Caution! No Reverse polarity protection

1300 lm/m || CRI > 80 || 2700°K

Lichteffekte sind mit dem Fokus 4Channel Darklite Leuchteneinsatz auf der Beleuchtungsfläche wahrnehmbar – die LEDs selbst bleiben nahezu blendfrei hinter dem Cover aus hochwertigem Aluminium verborgen. Die High Power LEDs sorgen für ausreichend Helligkeit und satte Farben.

Auch für Installationsorte mit langen Zuleitungen ist der 48V-Leuchteneinsatz perfekt geeignet.

Light effects achieved with the Focus 4Channel Darklite light insert are visible on the illuminated surface – the LEDs themselves remain almost completely concealed and glare-free behind the cover made from high-quality aluminium. The high-power LEDs deliver sufficient brightness and rich colours.

The 48-volt light insert is also perfectly suited for installation locations that are associated with long feed lines.



Eigenschaften *Characteristics*



Dimmbar *Dimming*



Optional *Optional*



Montage *Mounting*

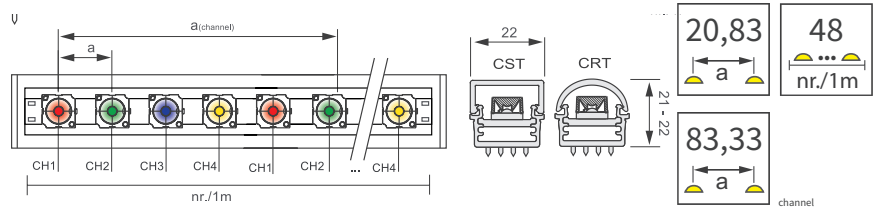
Technische Daten

Technical Data

Operating current: 350 mA (max. 700 mA)
 Nominal wattage: depending on light colour per channel, e.g. RGBW 56,4 W/m;
 Photometric code: 8XX/449 (for white)
 Type of current: DC
 LED service life: L80/B50 50 000 h
 Dimmable: separate pulse width modulation (PWM)
 Length dividing matrix: 250 mm
 LED pitch: 20,83 mm (inside group), 83,33 mm (between channels)

Maße
 ohne Montageprofil,
 Cover Square

Dimensions
 without mounting profile,
 Cover Square

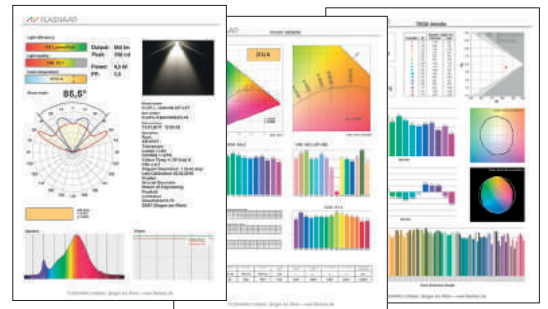


Lichtverteilung

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

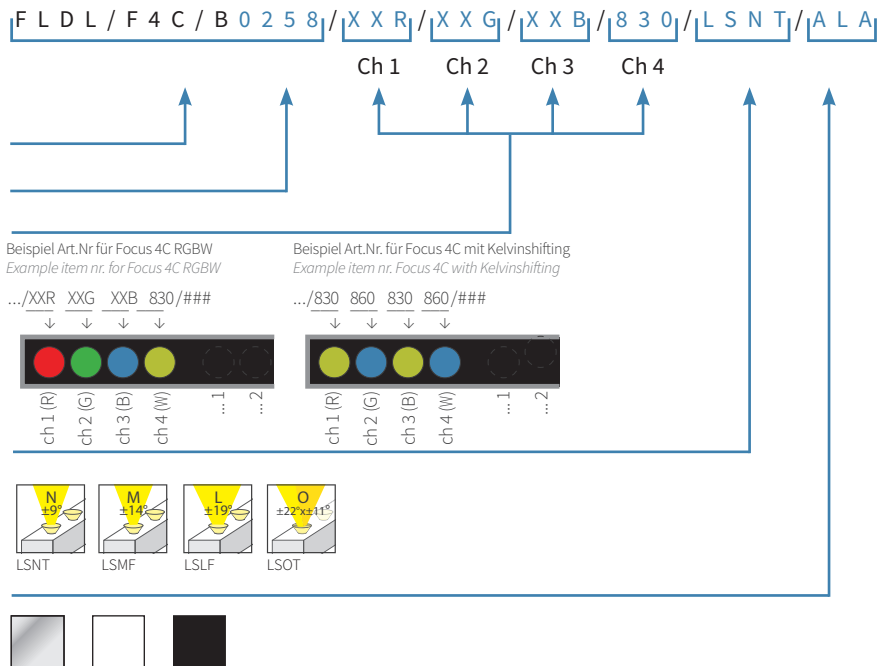
Item number

Produkt Product
 Länge Length (mm)*

Lichtfarbe/-strom Luminous colour/flux**
 WW 2700°K - 1300 lm/m - max. 13,68 W..830
 R - 744 lm - max. 11,52 W/chXXR
 G - 1254 lm - max. 15,6 W/chXXG
 B - 260 lm - max. 15,6 W/chXXB

Präzisionslinsen Precision lenses
 Narrow transparent 19°LSNT
 Medium frosted 27°LSMF
 Large frosted 38°LSLF
 Oval transparent 21°x45°LSOT

Farbe Colour
 Alu anodizedALA
 RAL 9016 traffic white fineTWP
 Black anodizedBA



* Länge der Leuchteneinsätze ab 258 mm bis max. 1008 mm. Teilungsraster in 250 mm-Schritten. Übersicht der Längen und Wattagen siehe S. 80/81 *Light inserts from 258 mm long up to a maximum length of 1,008 mm. The grid uses 250 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. Eulumdats 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 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 L (mm)* Watt

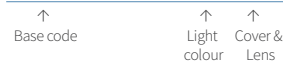
FLNP/L/06D0108/###/###	108	2,4
FLNP/L/06D0208/###/###	208	4,8
FLNP/L/06D0308/###/###	308	7,2
FLNP/L/06D0408/###/###	408	9,6
FLNP/L/06D0508/###/###	508	12,0
FLNP/L/06D0608/###/###	608	14,4
FLNP/L/06D0708/###/###	708	16,8
FLNP/L/06D0808/###/###	808	19,2
FLNP/L/06D0908/###/###	908	21,6
FLNP/L/06D1008/###/###	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 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

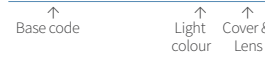
Produkt / Product: NP Line Enterprise-3 L (mm)* Watt

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 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



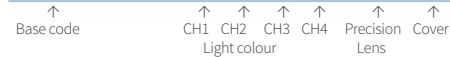
Produkt / Product: NP Focus-2 1 Channel

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



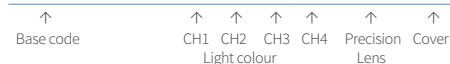
Produkt / Product: NP Darklite 1 Channel

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