

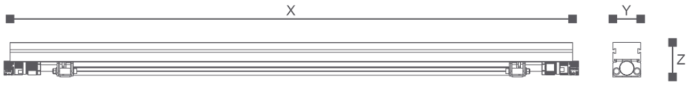
linea xs eco
pureWhite

The **linea xs** is an impressive low-voltage member of the **linea family** of linear façade luminaires. It not only offers the usual high lighting technology and versatility in beam angles but also expands these with additional options such as integrable linear louvers or honeycomb louvers, which enable optimal glare control.

The innovative **one-block design** ensures that the housing is made from a single piece, minimizing the number of sealing surfaces and thus reducing potential weak points in the construction.

The use of high-quality materials such as highly refined extruded aluminum profiles and low-iron, pre-stressed glass ensures a long lifespan for the luminaire, even under challenging conditions.

Dimensions



Metric:
324 mm, 477 mm, 629 mm, 782 mm, 934 mm, 1087 mm, 1239 mm (X)
46 mm (Y)
57 mm (Z)
Imperial
12.76 in, 18.78 in, 24.77 in, 30.79 in, 36.78 in, 42.80 in, 48.78 in (X)
1.82 Inch (Y)
2.25 Inch (Z)

Technical Data

Luminous color	2200 K, 2700 K, 3000 K, 3500 K, 4000 K
Luminous flux	324 mm | 12.76 in → max. 300 lm 477 mm | 18.78 in → max. 450 lm 629 mm | 24.77 in → max. 600 lm 782 mm | 30.79 in → max. 750 lm 934 mm | 36.78 in → max. 900 lm 1087 mm | 42.80 in → max. 1050 lm 1239 mm | 48.78 in → max. 1200 lm
Number of LED(s)	324 mm | 12.76 in → 8 LEDs 477 mm | 18.78 in → 12 LEDs 629 mm | 24.77 in → 16 LEDs 782 mm | 30.79 in → 20 LEDs 934 mm | 36.78 in → 24 LEDs 1087 mm | 42.80 in → 28 LEDs 1239 mm | 48.78 in → 32 LEDs
Glare Protection	No Glare Protection, Honeycomb louver (internal, 6,4mm), Linear louver (internal)
Dimming	Integrated interface(s) / control: NDIMtc, 0-10 V, DMX External operating device, e.g. DALI, DMX
Housing	Extruded aluminium profile
Housing color	Aluminium anodized, Black anodized
Lens	Ultra clear, tempered safety glass
Weight	324 mm | 12.76 in → 1.0 kg | 2.3 lb 477 mm | 18.78 in → 1.6 kg | 3.6 lb 629 mm | 24.77 in → 2.1 kg | 4.7 lb 782 mm | 30.79 in → 2.7 kg | 6.0 lb 934 mm | 36.78 in → 3.2 kg | 7.1 lb 1087 mm | 42.80 in → 3.8 kg | 8.4 lb 1239 mm | 48.78 in → 4.3 kg | 9.5 lb The weight of the fixture can vary depending on the configuration!
Environment	Indoor, Outdoor
Ingress protection rating	IP66
Humidity	0 to 95%, non-condensing
Ambient temperature (Operation)	-40 °C to 40 °C | -40 °F to 104 °F
Ambient temperature (Storage)	-40 °C to 80 °C | -40 °F to 176 °F
Ambient temperature (Start-up process)	-25 °C to 40 °C | -13 °F to 104 °F
Lumen Maintenance [L70] @ 25 °C	65,000 h
Lumen Maintenance [L70] @ 40 °C	40,000 h
Impact protection rating	IK08
Electrical data	
Integrated interface(s) / control: NDIMtc, 0-10 V, DMX	
Constant voltage	36 V

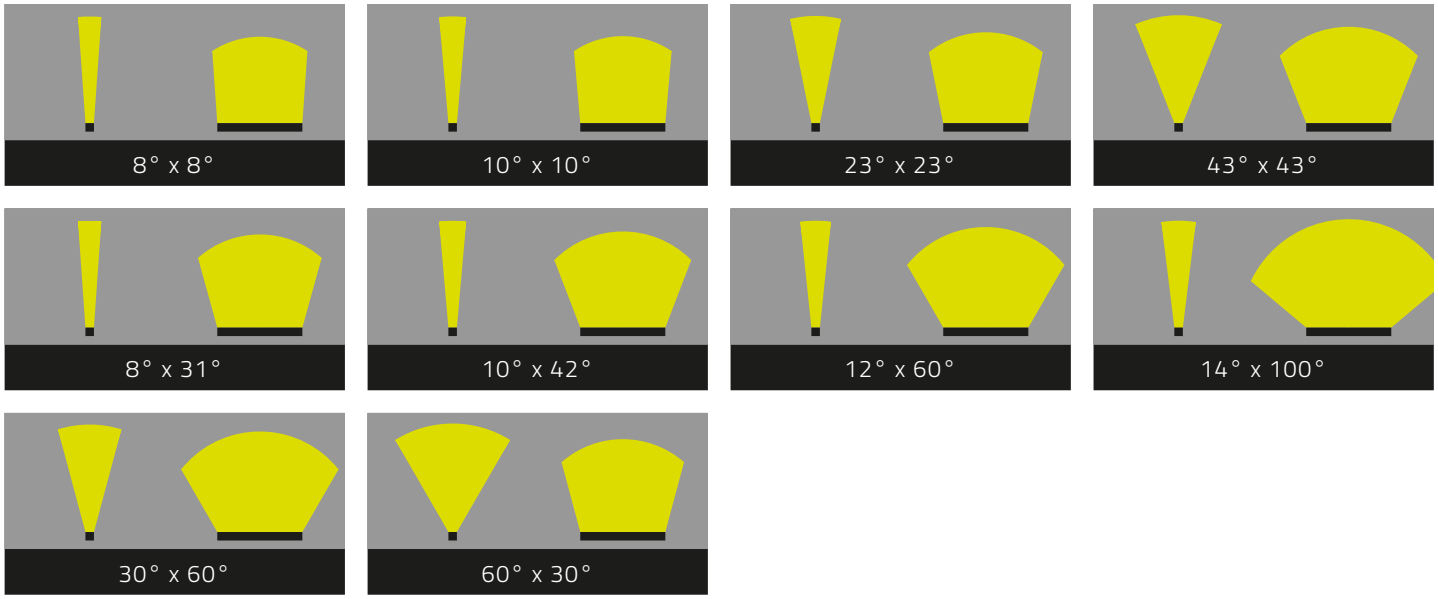
sales@biontechnologies.com
www.biontechnologies.com
Phone:
(DE) +49 8231 95787 0

All information without guarantee. Errors, changes and misprints excepted.

Power Consumption	
	324 mm | 12.76 in → 5 W
	477 mm | 18.78 in → 8 W
	629 mm | 24.77 in → 10 W
	782 mm | 30.79 in → 13 W
	934 mm | 36.78 in → 15 W
	1087 mm | 42.80 in → 18 W
	1239 mm | 48.78 in → 20 W
Protection class	III
External operating device, e.g. DALI, DMX	
Constant current	208 mA
Power Consumption	
	324 mm | 12.76 in → 6 W | 29 VDC
	477 mm | 18.78 in → 8 W | 40 VDC
	629 mm | 24.77 in → 11 W | 51 VDC
	782 mm | 30.79 in → 13 W | 62 VDC
	934 mm | 36.78 in → 15 W | 73 VDC
	1087 mm | 42.80 in → 17 W | 83 VDC
	1239 mm | 48.78 in → 20 W | 94 VDC
Protection class	II
LED-Class	Class 2 LED-Product
Approbation	CE, ETL, FCC

Designed and Developed in Bavaria.
Made in Germany.

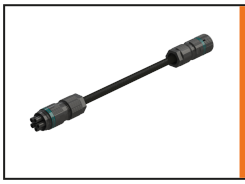
Beam Angles



Accessories



linea xs / xc leader cable



linea xs/xc jumper cable

All information without guarantee. Errors, changes and misprints excepted.



LED-Power supply
 EXT-T

sales@biontechnologies.com
www.biontechnologies.com

Phone:
(DE) +49 8231 95787 0

All information without guarantee. Errors, changes and misprints excepted.

BION TECHNOLOGIES

linea xs eco *pureWhite*

Configurator

LIN-XS-ECO - (1)_____ - (2)_____ - (3)_____ - (4)_____ - (5)_____ - (6)_____ - (7)_____ - (8)_____ - (9)_____ - (10)_____
- (11)_____-Y01

1 Luminous color	
PW8322	pW 2200 K / 3 SDCM / CRI > 80
PW8327	pW 2700 K / 3 SDCM / CRI > 80
PW8330	pW 3000 K / 3 SDCM / CRI > 80
PW8335	pW 3500 K / 3 SDCM / CRI > 80
PW8340	pW 4000 K / 3 SDCM / CRI > 80

2 Dimming	
NDIMTC	NDIMtc
010V	0-10 V
DMX	DMX
EXT	External operating device, e.g. DALI, DMX

3 Dimension	
324	324 mm / 12.76 in
477	477 mm / 18.78 in
629	629 mm / 24.76 in
782	782 mm / 30.79 in
934	934 mm / 36.77 in
1087	1087 mm / 42.80 in
1239	1239 mm / 48.78 in

4 Beam Angle	
8X8	8° x 8°
10X10	10° x 10°
23X23	23° x 23°
43X43	43° x 43°
8X31	8° x 31°
10X42	10° x 42°
12X60	12° x 60°
14X100	14° x 100°
30X60	30° x 60°
60X30	60° x 30°

5 Housing color	
AA	Aluminium anodized
BA	Black anodized

6 Glare Protection	
OP	No Glare Protection
HL64	Honeycomb louver (internal, 6,4mm)
LLO	Linear louver (internal)

7 Approbation	
CE	European Union
ETL	North America

8 Wiring configuration	
IOCC	IN/OUT with Connector
IXCX	only IN with Connector
IOOO	IN/OUT with open ends
IOOC	IN open end / OUT socket
IXOX	only IN with open ends

9 Luminaire circuit	
PD	Power-Data
C1	Circuit 1
C2	Circuit 2

sales@biontechnologies.com
www.biontechnologies.com

Phone:
(DE) +49 8231 95787 0

All information without guarantee. Errors, changes and misprints excepted.

linea xs eco *pureWhite*

10 Leader cable length	
ETE	End to end - Leader length
003	30 cm (11.8 in) leader cable
006	60 cm (23.6 in) leader cable
009	90 cm (35.4 in) leader cable
012	1,2 m (47.2 in) leader cable
015	1,5 m (59 in) leader cable

11 Mounting	
BS	Universal mounting bracket
BSB	Universal mounting bracket burnished
FX015	Fix 0° -15°, SW 5°
ND	without bracket

sales@biontechnologies.com
www.biontechnologies.com
Phone:
(DE) +49 8231 95787 0

All information without guarantee. Errors, changes and misprints excepted.