

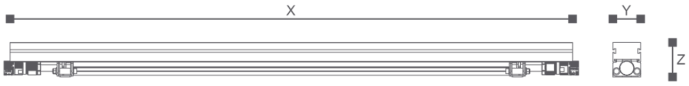
# linea xs eco
## pureWhite

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<br>477 mm \| 18.78 in → max. 450 lm<br>629 mm \| 24.77 in → max. 600 lm<br>782 mm \| 30.79 in → max. 750 lm<br>934 mm \| 36.78 in → max. 900 lm<br>1087 mm \| 42.80 in → max. 1050 lm<br>1239 mm \| 48.78 in → max. 1200 lm |
| Number of LED(s) | 324 mm \| 12.76 in → 8 LEDs<br>477 mm \| 18.78 in → 12 LEDs<br>629 mm \| 24.77 in → 16 LEDs<br>782 mm \| 30.79 in → 20 LEDs<br>934 mm \| 36.78 in → 24 LEDs<br>1087 mm \| 42.80 in → 28 LEDs<br>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<br>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<br>477 mm \| 18.78 in → 1.6 kg \| 3.6 lb<br>629 mm \| 24.77 in → 2.1 kg \| 4.7 lb<br>782 mm \| 30.79 in → 2.7 kg \| 6.0 lb<br>934 mm \| 36.78 in → 3.2 kg \| 7.1 lb<br>1087 mm \| 42.80 in → 3.8 kg \| 8.4 lb<br>1239 mm \| 48.78 in → 4.3 kg \| 9.5 lb<br>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 |

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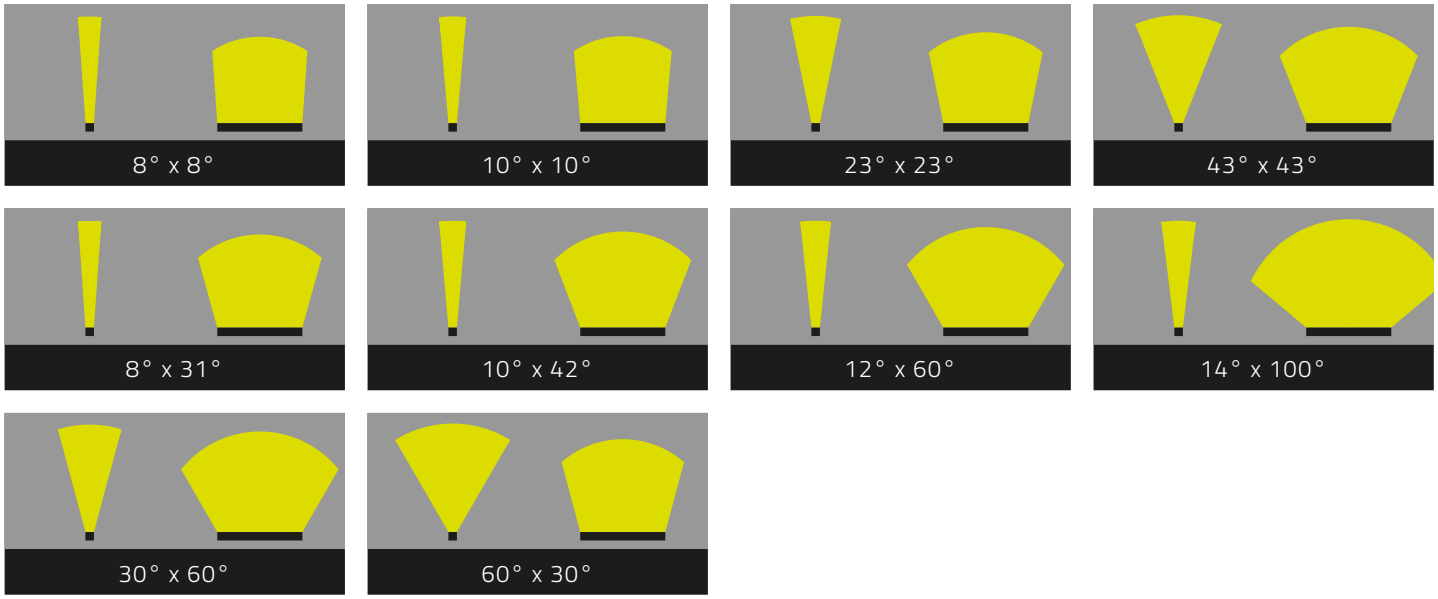


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| | |
|---|---|
| Power Consumption | |
| | 324 mm \| 12.76 in → 5 W<br>477 mm \| 18.78 in → 7 W<br>629 mm \| 24.77 in → 10 W<br>782 mm \| 30.79 in → 12 W<br>934 mm \| 36.78 in → 15 W<br>1087 mm \| 42.80 in → 17 W<br>1239 mm \| 48.78 in → 20 W |
| 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<br>477 mm \| 18.78 in → 8 W \| 40 VDC<br>629 mm \| 24.77 in → 11 W \| 51 VDC<br>782 mm \| 30.79 in → 13 W \| 62 VDC<br>934 mm \| 36.78 in → 15 W \| 73 VDC<br>1087 mm \| 42.80 in → 17 W \| 83 VDC<br>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.

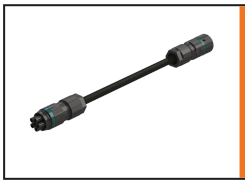
## Beam Angles




## Accessories



**linea xs / xc leader cable**



**linea xs/xc jumper cable**



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LED-Power supply<br> EXT-T

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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 |

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| 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 |

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