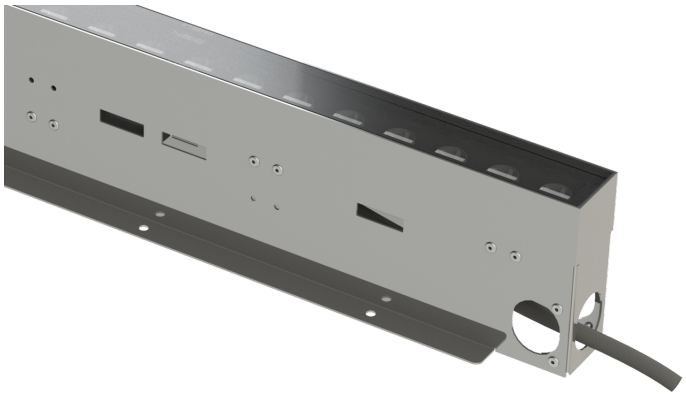


linea xs in-ground eco

pureColor

Linea xs inground not only seamlessly fits into the linea xs family with the same outstanding standard of the highest quality lighting technology and versatility in beam angles but also extends the family with the possibility of lighting facades or similar from the ground.

One-Block Design is an innovative concept in which the housing is manufactured from a single part. This reduces the number of sealing surfaces, which are possible weak points in the housing construction, to a minimum. The housing is manufactured from selected materials such as highly finished extruded aluminium profile and low-iron oxide tempered glass, which ensures a long lifetime of the luminaire even in the most adverse environments.

Dimensions



Metric:
633 mm, 93938 mm, 1243 mm (X)
50 mm (Y)
130 mm (Z)
Imperial
24.93 in, 3 698.35 in, 48.94 in (X)
1.97 Inch (Y)
5.12 Inch (Z)

Technical Data

Luminous color	Amber, Red, Green, Blue
Number of LED(s)	633 mm | 24.93 in → 16 LEDs 93938 mm | 3698.35 in → 24 LEDs 1243 mm | 48.94 in → 32 LEDs
Glare Protection	No Glare Protection, Honeycomb louver (internal, 6,4mm), Linear louver (internal)
Dimming	Integrated interface(s) / control: 0-10 V, DMX External operating device, e.g. DALI, DMX
Housing	Extruded aluminium profile
Lens	Ultra clear, tempered safety glass
Load	500 kg | 1103 lb
Environment	Indoor, Outdoor
Ingress protection rating	IP67
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 XXX
Lumen Maintenance [L70] @ 40 °C	40,000 XXX
Impact protection rating	IK09
Electrical data	
Integrated interface(s) / control: 0-10 V, DMX	
Constant voltage	36 V
Power Consumption	633 mm | 24.93 in → 10 W 93938 mm | 3698.35 in → 15 W 1243 mm | 48.94 in → 20 W
Protection class	III
External operating device, e.g. DALI, DMX	
Constant current	208 mA
Power Consumption	633 mm | 24.93 in → 11 W | 51 VDC 93938 mm | 3698.35 in → 15 W | 73 VDC 1243 mm | 48.94 in → 20 W | 94 VDC
Protection class	II
LED-Class	Class 2 LED-Product
Approbation	ETL, CE, FCC

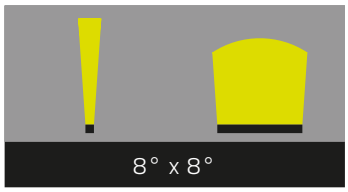
Designed and Developed in Bavaria.
Made in Germany.

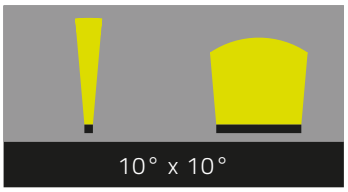
sales@biontechnologies.com
www.biontechnologies.com
Phone:
(DE) +49 8231 95787 0

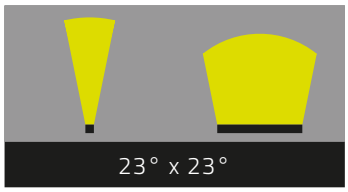
All information without guarantee. Errors, changes and misprints excepted.

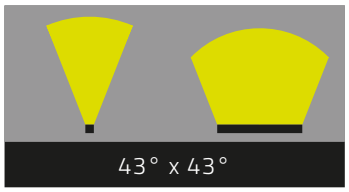
linea xs inground eco *pureColor*

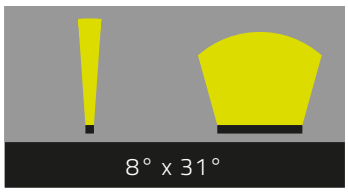
Beam Angles

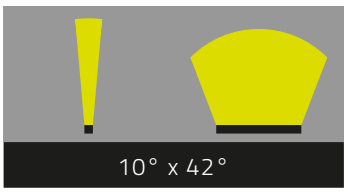


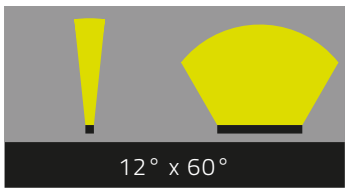


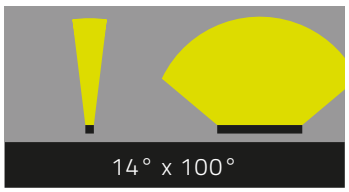


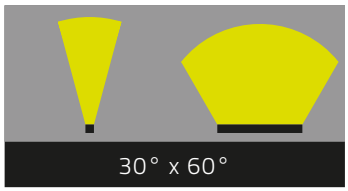


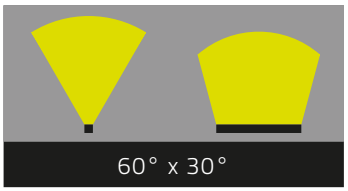




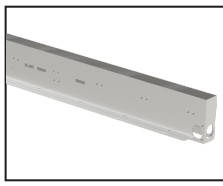




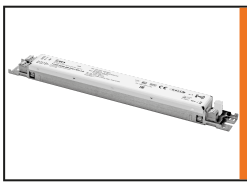




Accessories



linea xs inground installation box



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.

linea xs inground eco *pureColor*

Configurator

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

1 Luminous color	
PCAM	Amber
PCRE	Red
PCGR	Green
PCBL	Blue

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

3 Dimension	
633	633 mm | 24.92 in
93938	93938 mm | 3'698.35 in
1243	1243 mm | 48.94 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 Glare Protection	
OP	No Glare Protection
HL64	Honeycomb louver (internal, 6,4mm)
LL0	Linear louver (internal)

6 Approbation	
CE	European Union
ETL	North America

7 Wiring configuration	
IOOO	IN/OUT with open ends
IXOX	only IN with open end

8 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.