

linea xs eco



tunableWhite






TECHNICAL DATASHEET

linea xs eco

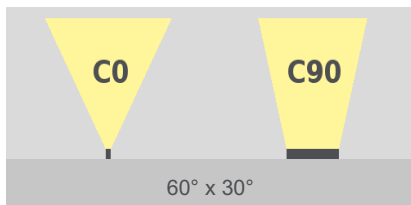
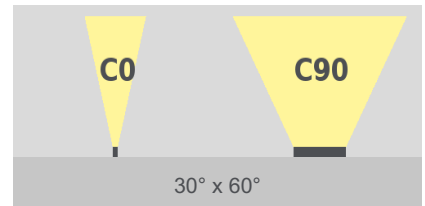
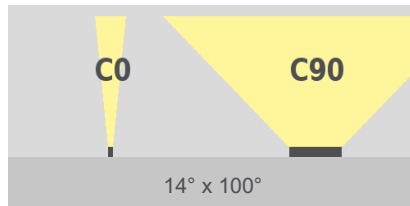
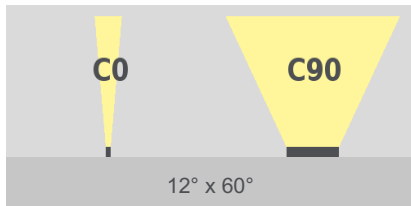
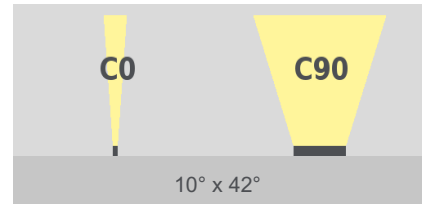
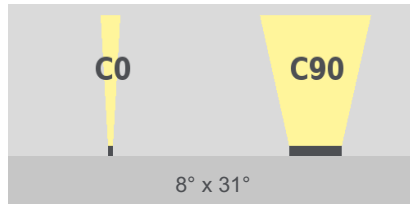
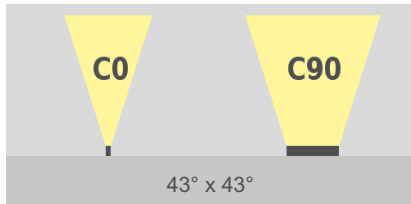
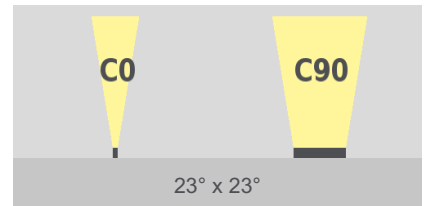
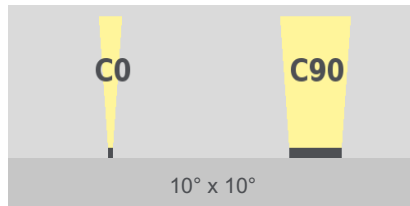
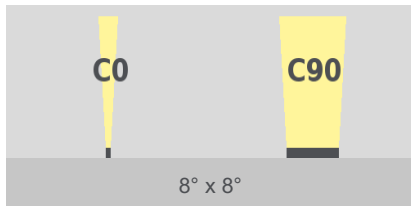
tunableWhite

Technical Data

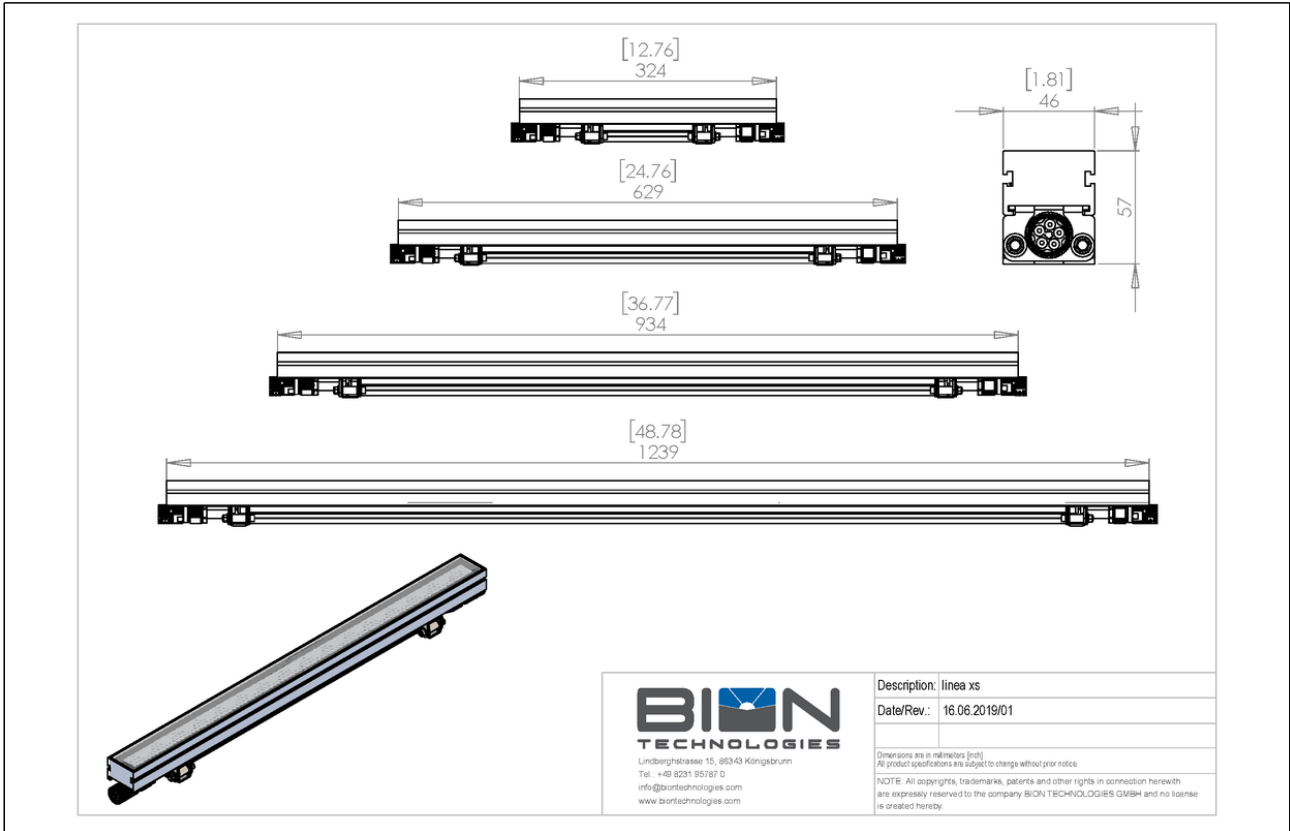
Dimensions	46 mm x 57 mm [W x H] 1.80 in x 2.25 in [W x H]
Standard Unit Lengths	324 mm, 477 mm, 629 mm, 782 mm, 934 mm, 1087 mm, 1239 mm 12.76 in, 18.78 in, 24.77 in, 30.79 in, 36.78 in, 42.80 in, 48.78 in
Fixture Typ	 tunableWhite
Color Temperatures tunableWhite	2200 K - 4000 K * Project-specific color temperature ranges for tunableWhite available.
Beam Angles	8°, 10°, 23°, 43°, 8° x 31° 10° x 42°, 12° x 60°, 14° x 100°, 30° x 60°, 60° x 30°
Luminous Flux	324 mm (12.76 in): 750 lm 477 mm (18.78 in): 1125 lm 629 mm (24.77 in): 1500 lm 782 mm (30.79 in): 1875 lm 934 mm (36.78 in): 2250 lm 1087 mm (42.8 in): 2625 lm 1239 mm (48.78 in): 3000 lm
Light Source	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 (42.8 in): 28 LEDs 1239 mm (48.78 in): 32 LEDs
Antiglare	optional: <ul style="list-style-type: none">▪ Hex louver (internal)▪ Linear louver (internal)
LED-Binning	
MacAdam Ellipses Binning	3
Control	DALI, DMX

Input Voltage	Power supply: external 36 VDC		
Power Consumption	324 mm (12.76 in):	Max. 5 W	
	477 mm (18.78 in):	Max. 7.5 W	
	629 mm (24.77 in):	Max. 10 W	
	782 mm (30.79 in):	Max. 12.5 W	
	934 mm (36.78 in):	Max. 15 W	
	1087 mm (42.8 in):	Max. 17.5 W	
	1239 mm (48.78 in):	Max. 20 W	
Protection Class	II		
Storage Temperatur	-40 °C / +80 °C -40 °F / +176 °F		
Operating Temperature	-40 °C / +40 °C -40 °F / +104 °F		
Start-up Temperature	-25 °C / +40 °C -13 °F / +104 °F		
Lumen Maintenance [L70]	65'000 h @ 25 °C (77 °F) 40'000 h @ 40 °C (104 °F)		
Housing	Aluminum extruded profile		
Housing Color(s)			
	Aluminium anodized (Standard)	Black anodized	
Lens	Tempered safety glass, extra white		
Weight	324 mm (12.76 in):	1,5 kg (3.31 lbs)	
	629 mm (24.77 in):	2,1 kg (4.63 lbs)	
	934 mm (36.78 in):	3,2 kg (7.05 lbs)	
	1239 mm (48.78 in):	4,4 kg (9.70 lbs)	
Ingress Protection	IP66		
Environment			
	indoor	outdoor	
Impact Protection	IK08		
Certification			

Beam Angles



Engineering Drawing



Project	Fixture#	Date
		Firm



Ordering Information

Choose the option that suits your needs and write its corresponding code on the appropriate line to form the product code.

LIN-XS-ECO- TW2240 - DIMMING - FIXTURE LENGTH - BEAM ANGLE - HOUSING COLOR - GLARE PROTECTION - WIRING CONFIGURATION - LEADERCABLE LENGTH - MOUNTING OPTION - Y01

TYP - LUMINOUS COLOR		DIMMING		FIXTURE LENGTH		BEAM ANGLE		HOUSING COLOR		GLARE PROTECTION		WIRING CONFIGURATION		LEADERCABLE LENGTH		MOUNTING OPTION	
TYP - LUMINOUS COLOR		DIMMING		FIXTURE LENGTH		BEAM ANGLE		HOUSING COLOR		GLARE PROTECTION		WIRING CONFIGURATION		LEADERCABLE LENGTH		MOUNTING OPTION	
TW2240	tunableWhite - 2200 K - 4000 K	DALI	Dimmable - DALI	324	324 mm / 12.76 in	8X8	8° x 8°	AA	Aluminium anodized (Standard)	OP	No glare protection	IOCC	IN/OUT with Connector	ETE	End to end - wiring	ND	without bracket
		DMX	Dimmable - DMX	477	477 mm / 18.78 in	10X10	10° x 10°	BA	Black anodized	HL	Hex louver (internal)	IXCX	only IN with Connector	003	+ 30 cm (ca. 1 ft)	BS	Universal mounting bracket
				629	629 mm / 24.76 in	23X23	23° x 23°			LL0	Linear louver (internal)	IOOC	IN open end / OUT socket	006	+ 60 cm (ca. 2 ft)		
				782	782 mm / 30.79 in	43X43	43° x 43°					IOOO	IN/OUT with open ends	009	+ 90 cm (ca. 3 ft)		
				934	934 mm / 36.77 in	8X31	8° x 31°					IXOX	only IN with open ends	012	+ 1,2 m (ca. 4 ft)		
				1087	1087 mm / 42.8 in	10X42	10° x 42°										
				1239	1239 mm / 48.78 in	12X60	12° x 60°										
						14X100	14° x 100°										
						30X60	30° x 60°										
						60X30	60° x 30°										

* Project-specific options are available - Please contact our Sales Representative for further information.



Lindberghstrasse 15
86343 Koenigsbrunn
Tel: +49 (0)8231/95787-0
Fax: +49 (0)8231/95787-29
www.biontechnologies.com
info@biontechnologies.com

YouTube: <http://www.youtube.com/user/BIONTECHNOLOGIES>

© 2024, BION TECHNOLOGIS GMBH
All rights reserved / Subject to change / Specifications may change without notice