



linea m eco indoor




pureWhite | pureColor







TECHNICAL DATASHEET

linea m eco indoor

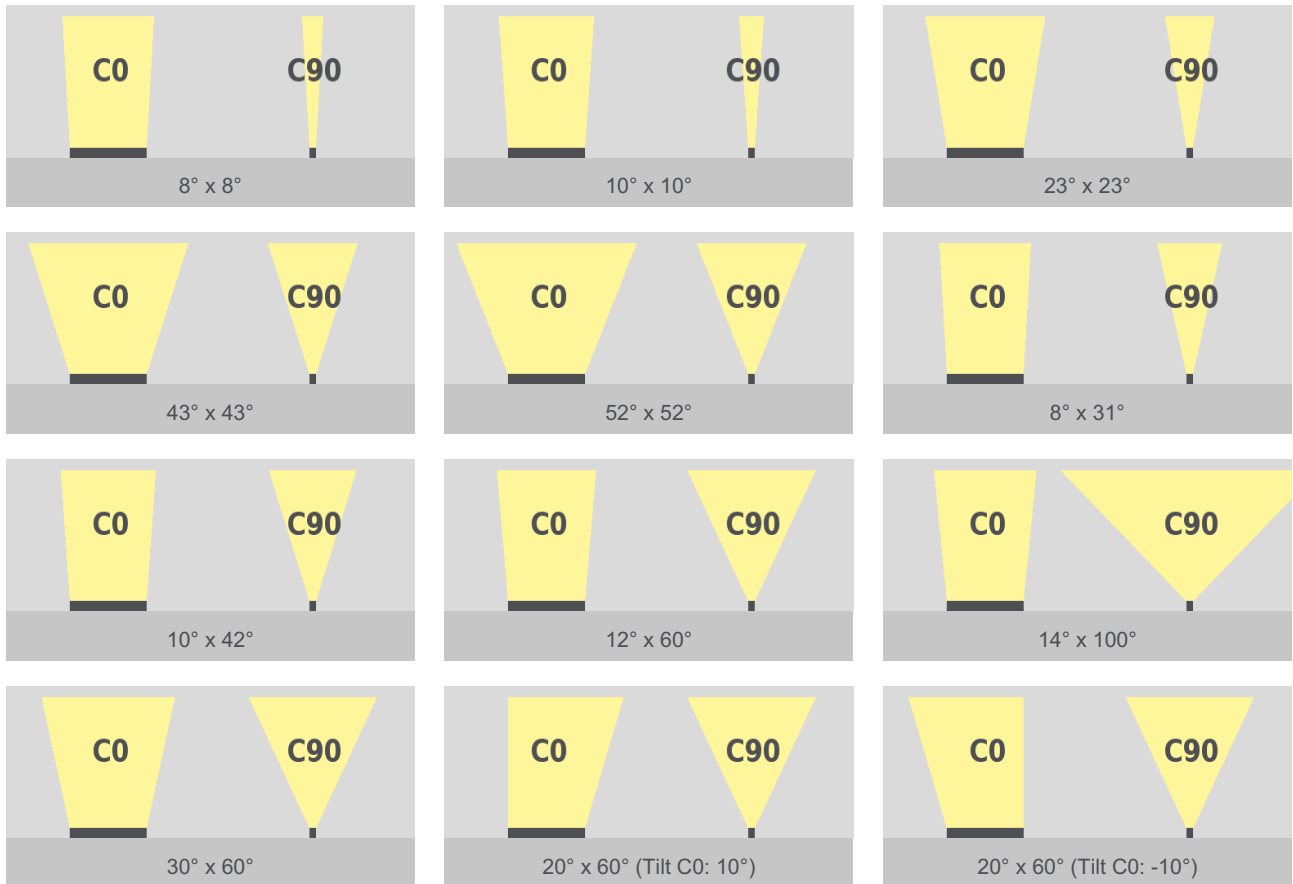
pureWhite | pureColor

Technical Data

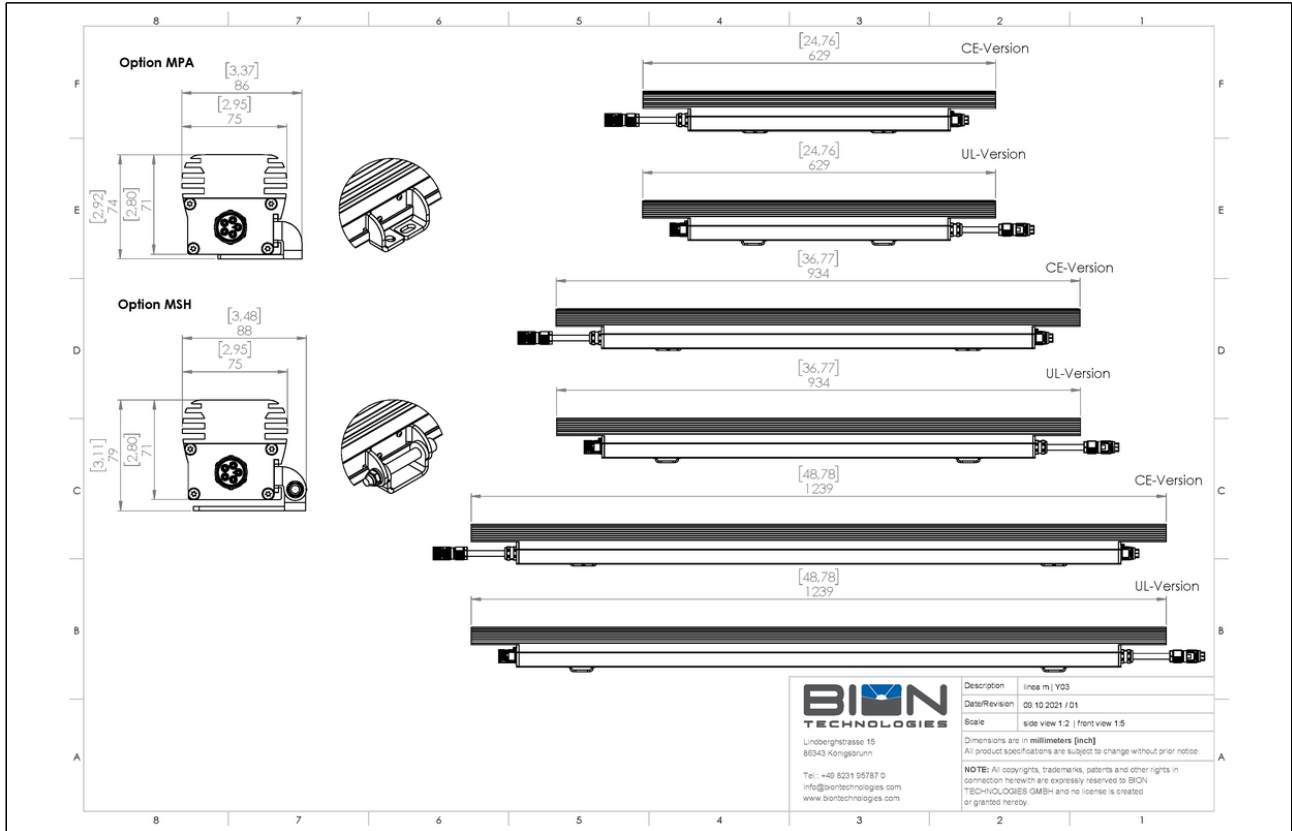
Dimensions	75 mm x 71 mm [W x H] 2.95 in x 2.80 in [W x H]
Fixture Typ	  pureWhite pureColor
Color Temperatures pureWhite	2200 K, 2700 K, 3000 K, 4000 K
Beam Angles	8°, 10°, 23°, 43°, 52° 8° x 31°, 10° x 42°, 12° x 60°, 14° x 100°, 30° x 60°, 20° x 60° (Tilt in C0-plane: 10°), 20° x 60° (Tilt in C0-plane: -10°)
Luminous Flux	876 lm pureColor red -> 406 lm/ft pureColor green -> 743 lm/ft pureColor blue -> 329 lm/ft pureColor amber -> 406 lm/ft
Light Source	8 LED(s)
Color Rendering Index	R _a >= 80
Antiglare	optional: <ul style="list-style-type: none">▪ Hex louver (internal)▪ Linear louver (internal)
LED-Binning	
MacAdam Ellipses Binning	3

Input Voltage	Power supply: internal 100 - 240, 277 VAC (50 - 60 Hz) 127 - 431 VDC
Power Consumption	Max. 14 W
Power Factor Correction	> 0,97 -> 115 VAC @ max. Output > 0,95 -> 230 VAC @ max. Output > 0,92 -> 277 VAC @ max. Output
Protection Class	I
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)
LED-Class	Class 2 LED-Product
Housing	Aluminium
Housing Color(s)	  Aluminium anodized (Standard) Black anodized
Lens	Tempered safety glass, extra white
Weight	311 mm / 12.25 in: 1,25 kg (2.76 lbs) 617 mm / 24.30 in: 2,5 kg (5.51 lbs) 922 mm / 36.30 in: 3,75 kg (8.27 lbs) 1228 mm / 48.35 in: 7 kg (15.43 lbs)
Ingress Protection	IP20
Environment	 indoor
Impact Protection	IK07
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-M-ECO-IN- _____ - _____ - _____ - _____ - _____ - _____ - Y03

TYP - LUMINOUS COLOR	BEAM ANGLE	HOUSING COLOR	LEADERCABLE LENGTH	GLARE PROTECTION	MOUNTING OPTION																									
<table style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left; padding: 2px;">TYP - LUMINOUS COLOR</th></tr> <tr><td style="padding: 2px;">PW22 pureWhite - 2200 K</td></tr> <tr><td style="padding: 2px;">PW27 pureWhite - 2700 K</td></tr> <tr><td style="padding: 2px;">PW30 pureWhite - 3000 K</td></tr> <tr><td style="padding: 2px;">PW40 pureWhite - 4000 K</td></tr> </table>	TYP - LUMINOUS COLOR		PW22 pureWhite - 2200 K	PW27 pureWhite - 2700 K	PW30 pureWhite - 3000 K	PW40 pureWhite - 4000 K	<table style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left; padding: 2px;">HOUSING COLOR</th></tr> <tr><td style="padding: 2px;">AA Aluminium anodized (Standard)</td></tr> <tr><td style="padding: 2px;">BA Black anodized</td></tr> </table>	HOUSING COLOR		AA Aluminium anodized (Standard)	BA Black anodized	<table style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left; padding: 2px;">LEADERCABLE LENGTH</th></tr> <tr><td style="padding: 2px;">ETE End to end - wiring</td></tr> <tr><td style="padding: 2px;">003 + 30 cm (ca. 1 ft)</td></tr> <tr><td style="padding: 2px;">006 + 60 cm (ca. 2 ft)</td></tr> <tr><td style="padding: 2px;">009 + 90 cm (ca. 3 ft)</td></tr> <tr><td style="padding: 2px;">012 + 1,2 m (ca. 4 ft)</td></tr> </table>	LEADERCABLE LENGTH		ETE End to end - wiring	003 + 30 cm (ca. 1 ft)	006 + 60 cm (ca. 2 ft)	009 + 90 cm (ca. 3 ft)	012 + 1,2 m (ca. 4 ft)	<table style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left; padding: 2px;">GLARE PROTECTION</th></tr> <tr><td style="padding: 2px;">OP No glare protection</td></tr> <tr><td style="padding: 2px;">HL Hex louver (internal)</td></tr> <tr><td style="padding: 2px;">LLO Linear louver (internal)</td></tr> </table>	GLARE PROTECTION		OP No glare protection	HL Hex louver (internal)	LLO Linear louver (internal)	<table style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left; padding: 2px;">MOUNTING OPTION</th></tr> <tr><td style="padding: 2px;">MPA Mounting Plate Basic</td></tr> <tr><td style="padding: 2px;">MSH Mounting Set Hinge</td></tr> </table>	MOUNTING OPTION		MPA Mounting Plate Basic	MSH Mounting Set Hinge
TYP - LUMINOUS COLOR																														
PW22 pureWhite - 2200 K																														
PW27 pureWhite - 2700 K																														
PW30 pureWhite - 3000 K																														
PW40 pureWhite - 4000 K																														
HOUSING COLOR																														
AA Aluminium anodized (Standard)																														
BA Black anodized																														
LEADERCABLE LENGTH																														
ETE End to end - wiring																														
003 + 30 cm (ca. 1 ft)																														
006 + 60 cm (ca. 2 ft)																														
009 + 90 cm (ca. 3 ft)																														
012 + 1,2 m (ca. 4 ft)																														
GLARE PROTECTION																														
OP No glare protection																														
HL Hex louver (internal)																														
LLO Linear louver (internal)																														
MOUNTING OPTION																														
MPA Mounting Plate Basic																														
MSH Mounting Set Hinge																														
<table style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2" style="text-align: left; padding: 2px;">BEAM ANGLE</th></tr> <tr><td style="padding: 2px;">8X8 8° x 8°</td></tr> <tr><td style="padding: 2px;">10X10 10° x 10°</td></tr> <tr><td style="padding: 2px;">23X23 23° x 23°</td></tr> <tr><td style="padding: 2px;">43X43 43° x 43°</td></tr> <tr><td style="padding: 2px;">52X52 52° x 52°</td></tr> <tr><td style="padding: 2px;">8X31 8° x 31°</td></tr> <tr><td style="padding: 2px;">10X42 10° x 42°</td></tr> <tr><td style="padding: 2px;">12X60 12° x 60°</td></tr> <tr><td style="padding: 2px;">14X100 14° x 100°</td></tr> <tr><td style="padding: 2px;">30X60 30° x 60°</td></tr> <tr><td style="padding: 2px;">20X60Y10R 20° x 60° (Tilt in C0-plane: 10°)</td></tr> <tr><td style="padding: 2px;">20X60Y10L 20° x 60° (Tilt in C0-plane: -10°)</td></tr> </table>	BEAM ANGLE		8X8 8° x 8°	10X10 10° x 10°	23X23 23° x 23°	43X43 43° x 43°	52X52 52° x 52°	8X31 8° x 31°	10X42 10° x 42°	12X60 12° x 60°	14X100 14° x 100°	30X60 30° x 60°	20X60Y10R 20° x 60° (Tilt in C0-plane: 10°)	20X60Y10L 20° x 60° (Tilt in C0-plane: -10°)																
BEAM ANGLE																														
8X8 8° x 8°																														
10X10 10° x 10°																														
23X23 23° x 23°																														
43X43 43° x 43°																														
52X52 52° x 52°																														
8X31 8° x 31°																														
10X42 10° x 42°																														
12X60 12° x 60°																														
14X100 14° x 100°																														
30X60 30° x 60°																														
20X60Y10R 20° x 60° (Tilt in C0-plane: 10°)																														
20X60Y10L 20° x 60° (Tilt in C0-plane: -10°)																														

Sample Order Code: linea-m-eco-in-pW35-dim-DMX-3/922-8x31-AA-Y01

* 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>

© 2021, BION TECHNOLOGIS GMBH
All rights reserved / Subject to change / Specifications may change without notice