

linea m hp
tunableWhite

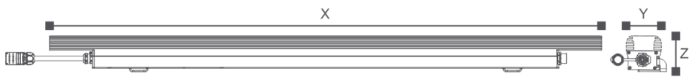
The **linea m** combines modern design, high efficiency, and robust construction in a versatile linear lighting solution. With its premium build quality and reliable technology, it is suitable for both indoor and outdoor applications.

The **linea m** offers exceptional optical flexibility with four variants: **pureWhite, pureColor, tunableWhite, and RGBW**. While pureWhite provides natural illumination in different color temperatures, pureColor options create vivid accents in red, green, blue, and amber. The tunableWhite technology allows seamless adjustment of color temperature, while RGBW combines saturated colors with pure white for dynamic lighting effects.

Available in two performance classes – **eco** and **hp**, the eco variant is optimized for energy efficiency, making it ideal for applications with a strong focus on sustainability. The hp variant, on the other hand, delivers a higher light output for demanding lighting scenarios requiring maximum brightness. Both versions ensure excellent light quality and can be tailored to various application needs.

With a **wide range of beam angles** – from narrow to wide distributions – the linea m can be perfectly adapted to specific lighting requirements. Additionally, **optional anti-glare system**s, such as internal honeycomb grids or linear glare control, provide precise light control for enhanced visual comfort.

Dimensions



Metric:
629 mm, 934 mm, 1239 mm (X)
75 mm (Y)
71 mm (Z)
Imperial
24.77 in, 36.78 in, 48.78 in (X)
2.96 Inch (Y)
2.80 Inch (Z)

Technical Data

Luminous color	2200 K - 4000 K, 2700 K - 6500 K
Luminous flux	629 mm | 24.77 in → max. 1752 lm 934 mm | 36.78 in → max. 2628 lm 1239 mm | 48.78 in → max. 3504 lm
Number of LED(s)	629 mm | 24.77 in → 16 LEDs 934 mm | 36.78 in → 24 LEDs 1239 mm | 48.78 in → 32 LEDs
Glare Protection	No Glare Protection, Honeycomb louver (internal, 6,4mm), Linear louver (internal)
Dimming	Non dimmable Integrated interface(s) / control: NDIMtc, 0-10 V, DALI, DMX, IoT
Housing	Extruded aluminium profile
Housing color	Aluminium anodized, Black anodized
Lens	Ultra clear, tempered safety glass
Environment	Indoor, Outdoor
Ingress protection rating	IP66

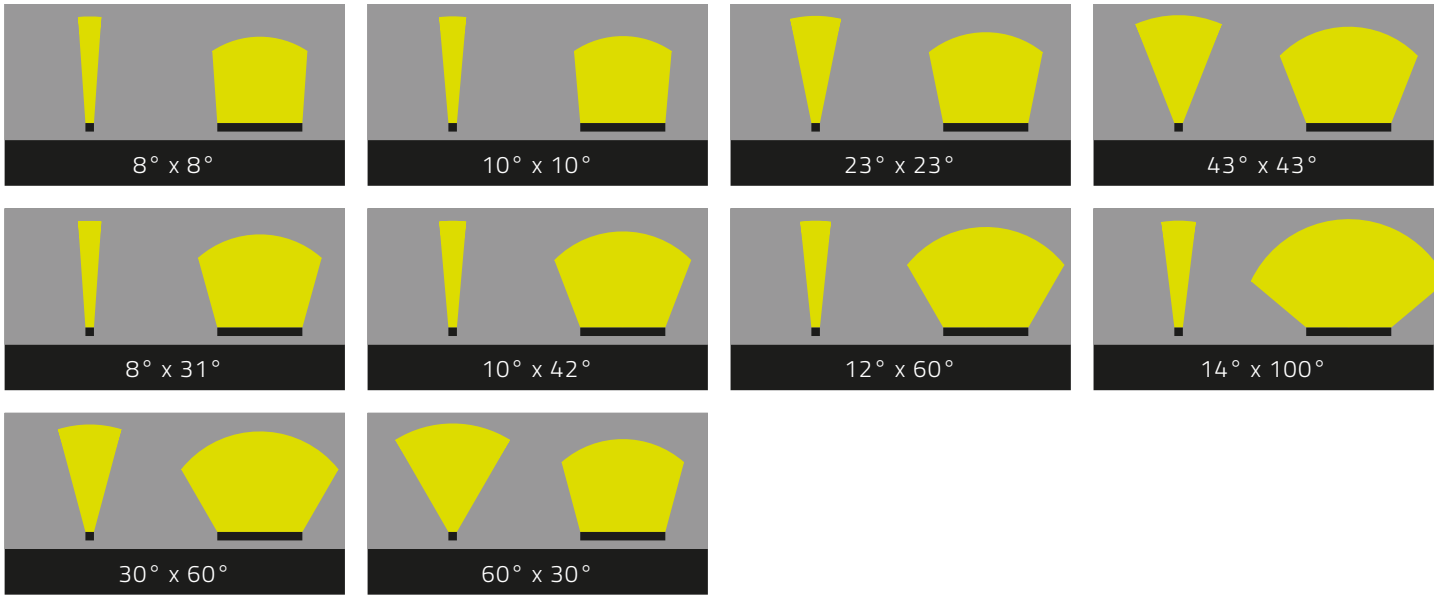
Humidity	0 to 95%, non-condensing
Ambient temperature (Operation)	-40 °C to 40 °C | -40 °F to 104 °F
Ambient temperature (Storage)	-40 °C to 80 °C | -40 °F to 176 °F
Ambient temperature (Start-up process)	-25 °C to 40 °C | -13 °F to 104 °F
Lumen Maintenance [L70] @ 25 °C	65,000 h
Lumen Maintenance [L70] @ 40 °C	40,000 h
Impact protection rating	IK07
Electrical data	
Non dimmable Integrated interface(s) / control: NDIMtc, 0-10 V, DALI, DMX, IoT	
Internal power supply	100 - 240, 277 VAC (50 - 60 Hz)
Power Consumption	

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

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

	629 mm | 24.77 in → 42 W 934 mm | 36.78 in → 63 W 1239 mm | 48.78 in → 84 W
Protection class	I
Inrush @ 230 V	
	629 mm / 24.76 in → 50 A (Coldstart, t_{Width} = 210 µs measured at 50% I_{peak})
	934 mm / 36.77 in → 55 A (Coldstart, t_{Width} = 270 µs measured at 50% I_{peak})
	1239 mm / 48.78 in → 55 A (Coldstart, t_{Width} = 270 µs measured at 50% I_{peak})
Power factor correction @ 230 V	
	629 mm / 24.76 in → 0.95
	934 mm / 36.77 in → 0.95
	1239 mm / 48.78 in → 0.95
LED-Class	Class 2 LED-Product
Approbation	CE, ETL, FCC
	Designed and Developed in Bavaria. Made in Germany.

Beam Angles



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

BION TECHNOLOGIES

linea m hp *tunableWhite*

Configurator

LIN-M-HP -(1)_____-(2)_____-(3)_____-(4)_____-(5)_____-(6)_____-(7)_____-(8)_____-(9)_____-(10)_____-Y03

1 Luminous color	
TW8322 8340	2200 K- 4000 K
TW8327 8365	2700 K- 6500 K

2 Dimming	
NDIM	Non dimmable
NDIMTC	NDIMtc
010V	0-10 V
DALI	DALI
DMX	DMX
IOT	IoT

3 Dimension	
629	629 mm / 24.76 in
934	934 mm / 36.77 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 Approbation	
CE	European Union
ETL	North America

6 Housing color	
AA	Aluminium anodized
BA	Black anodized

7 Leader cable location	
L	Left
R	Right

8 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

9 Glare Protection	
OP	No Glare Protection
HL64	Honeycomb louver (internal, 6,4mm)
LL0	Linear louver (internal)

10 Mounting	
MX00	Mounting bracket Fix 0°
MX20	Mounting bracket Fix 20°
MSH	Mounting Set Hinge

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

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