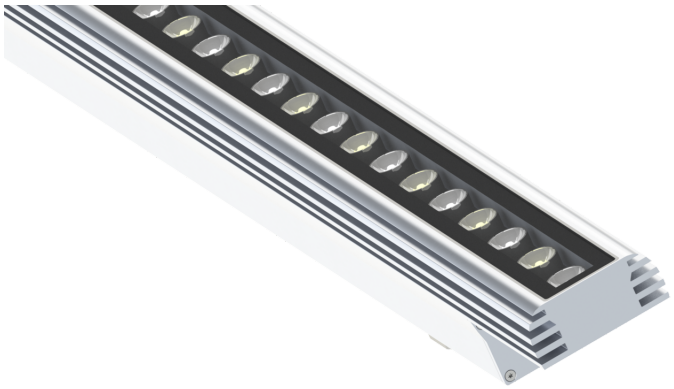


# linea m eco
## tunableWhite

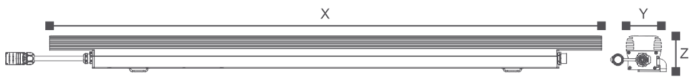
The **linea m** combines modern design, high efficiency, and robust construction in a versatile linear lighting solution. With its premium build quality and reliable technology, it is suitable for both indoor and outdoor applications.

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<br>934 mm \| 36.78 in → max. 2628 lm<br>1239 mm \| 48.78 in → max. 3504 lm |
| Number of LED(s) | 629 mm \| 24.77 in → 16 LEDs<br>934 mm \| 36.78 in → 24 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: DALI, DMX, IoT |
| Housing | Extruded aluminium profile |
| Housing color | Aluminium anodized, Black anodized |
| Lens | Ultra clear, tempered safety glass |
| Weight | 629 mm \| 24.77 in→5.0 kg \| 11.1 lb<br>934 mm \| 36.78 in→7.0 kg \| 15.5 lb<br>1239 mm \| 48.78 in→9.0 kg \| 19.9 lb |

| | 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 | IK07 |
| Electrical data | |

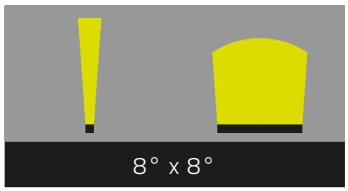
sales@biontechnologies.com
www.biontechnologies.com
Phone:
(DE) +49 8231 95787 0

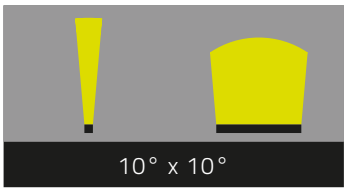


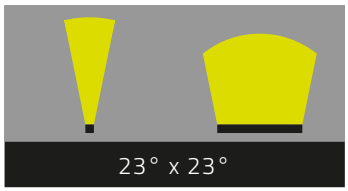
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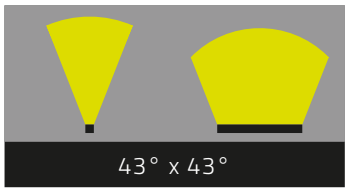
| | |
|---|---|
| Integrated interface(s) / control: DALI, DMX, IoT | |
| Internal power supply | 100 - 240, 277 VAC (50 - 60 Hz) |
| Power Consumption | |
| | 629 mm \| 24.77 in → 26 W<br>934 mm \| 36.78 in → 39 W<br>1239 mm \| 48.78 in → 42 W |
| Protection class | I |
| Inrush @ 230 V | |
| | 629 mm / 24.76 in → 50 A<br>(Coldstart, $t_{Width}$ = 210 µs measured at 50% $I_{peak}$) |
| | 934 mm / 36.77 in → 55 A<br>(Coldstart, $t_{Width}$ = 270 µs measured at 50% $I_{peak}$) |
| | 1239 mm / 48.78 in → 55 A<br>(Coldstart, $t_{Width}$ = 270 µs measured at 50% $I_{peak}$) |
| Power factor correction @ 230 V | |
| | 629 mm / 24.76 in → 0.95<br>934 mm / 36.77 in → 0.95<br>1239 mm / 48.78 in → 0.95 |
| LED-Class | Class 2 LED-Product |
| Approbation | CE, ETL, FCC |
| | Designed and Developed in Bavaria.<br>Made in Germany. |

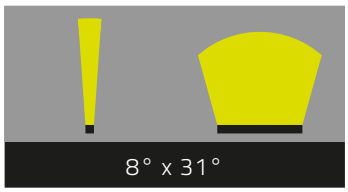
## Beam Angles

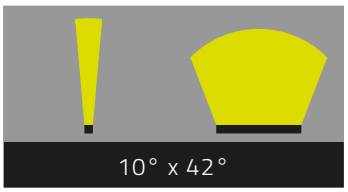


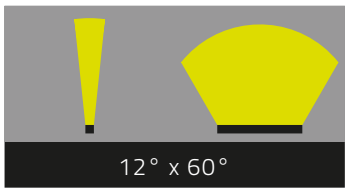



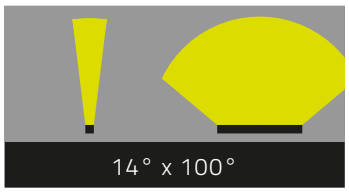



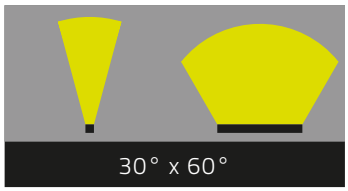



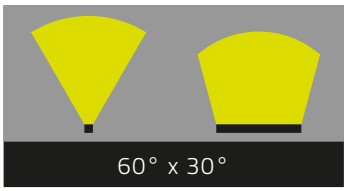






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BION TECHNOLOGIES

**linea m eco** *tunableWhite*

## Configurator

LIN-M-ECO -(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 | |
|---|---|
| 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



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