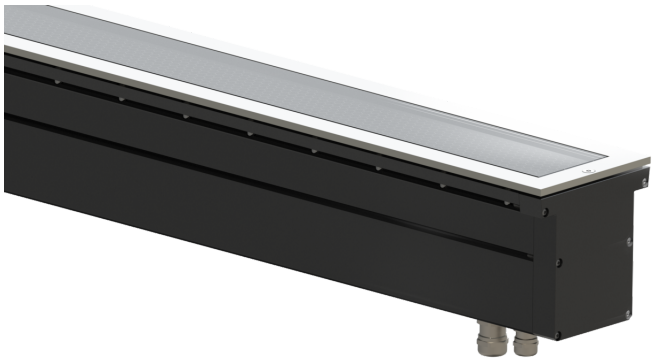
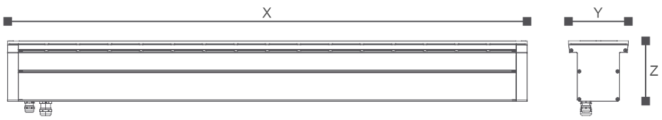


tellus m eco
Color Changing

The t**ellus m eco** is a sustainable inground lighting fixture specifically designed for sophisticated façade and architectural lighting. With a variety of **precisely calibrated beam angles**, including asymmetric and wall-wash optics, it offers maximum flexibility for customized lighting designs. From highlighting architectural details to delivering even wall-wash effects for full façade illumination, **the tellus m eco meets every requirement**. It combines high energy efficiency with a robust outdoor design, making it the ideal choice for environmentally conscious projects that demand durability and minimal energy consumption.

Dimensions



Metric:
345 mm, 650 mm, 955 mm, 1260 mm (X)
110 mm (Y)
110 mm (Z)
Imperial
13.59 in, 25.60 in, 37.60 in, 49.61 in (X)
4.34 Inch (Y)
4.34 Inch (Z)

Technical Data

Luminous color	RGBW3000K, RGBW4000K
Luminous flux	345 mm | 13.59 in → max. 644 lm 650 mm | 25.60 in → max. 1288 lm 955 mm | 37.60 in → max. 1932 lm 1260 mm | 49.61 in → max. 2576 lm
Number of LED(s)	345 mm | 13.59 in → 8 LEDs 650 mm | 25.60 in → 16 LEDs 955 mm | 37.60 in → 24 LEDs 1260 mm | 49.61 in → 32 LEDs
Glare Protection	No Glare Protection, Honeycomb louver (internal, 6,4mm), Linear louver 0° (internal), Linear louver 17° (internal)
Dimming	Integrated interface(s) / control: DMX, IoT
Housing	Extruded aluminium profile
Lens	Ultra clear, tempered safety glass
Frame	Stainless steel
Load	500 kg | 1103 lb
Weight	345 mm | 13.59 in → 4.5 kg | 10.0 lb 650 mm | 25.60 in → 7.5 kg | 16.6 lb 955 mm | 37.60 in → 10.5 kg | 23.2 lb 1260 mm | 49.61 in → 14.0 kg | 30.9 lb The weight of the fixture can vary depending on the configuration!
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 h
Lumen Maintenance [L70] @ 40 °C	40,000 h
Impact protection rating	IK09
Electrical data	
Integrated interface(s) / control: DMX, IoT	
Internal power supply	100 - 240, 277 VAC (50 - 60 Hz)
Power Consumption	345 mm | 13.59 in → 14 W 650 mm | 25.60 in → 28 W 955 mm | 37.60 in → 42 W 1260 mm | 49.61 in → 56 W
Protection class	I
Inrush @ 230 V	345 mm / 13.58 in → 50 A (Coldstart, t_{Width} = 210 µs measured at 50% I_{peak}) 650 mm / 25.59 in → 50 A (Coldstart, t_{Width} = 210 µs measured at 50% I_{peak})

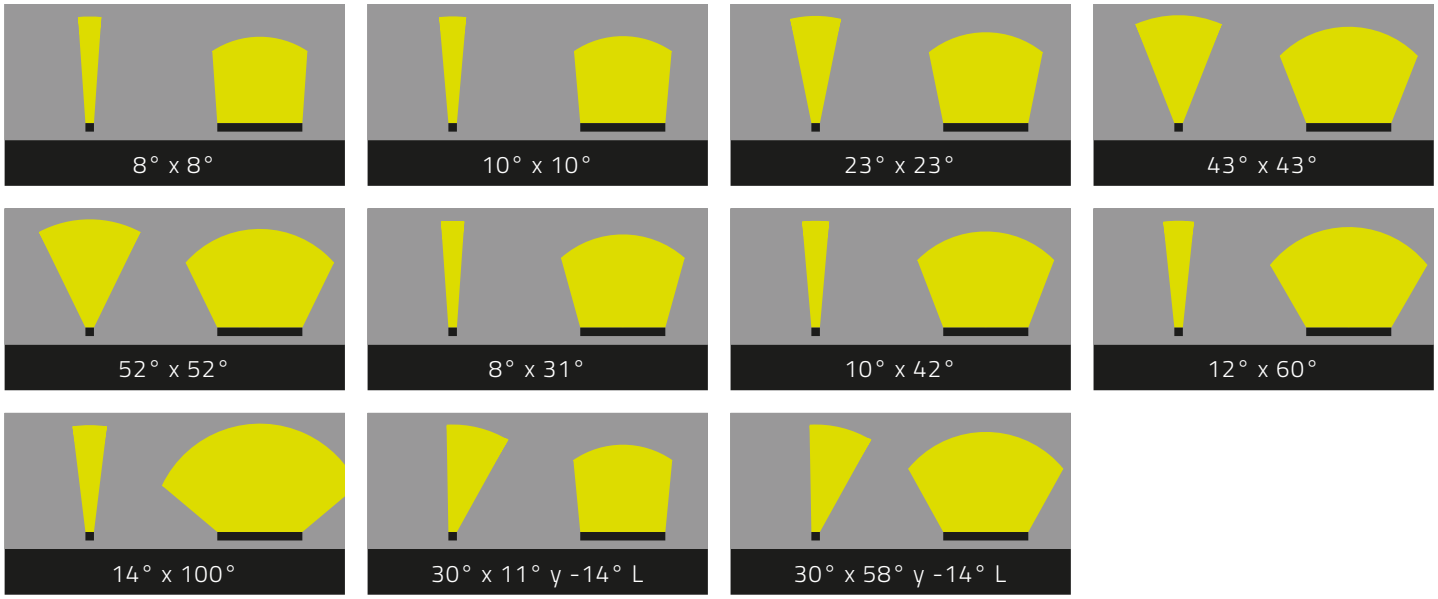
sales@biontechnologies.com
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(DE) +49 8231 95787 0

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

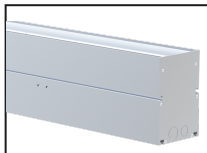
tellus m eco *Color Changing*

	955 mm / 37.60 in → 55 A (Coldstart, t_{Width} = 270 µs measured at 50% I_{peak})
	1260 mm / 49.61 in → 70 A (Coldstart, t_{Width} = 435 µs measured at 50% I_{peak})
LED-Class	Class 2 LED-Product
Approbation	CE, ETL, FCC
	Designed and Developed in Bavaria. Made in Germany.

Beam Angles



Accessories



tellus m installation housing



Gel-filled cable joint

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tellus m eco *Color Changing*

Configurator

TEL-M-ECO -(1)_____ -(2)_____ -(3)_____ -(4)_____ -(5)_____ -(6)_____-Y03

1 Luminous color	
RGBW8330	RGBW3000 K / 3 SDCM / CRI > 80
RGBW8340	RGBW4000 K / 3 SDCM / CRI > 80

2 Dimming	
DMX	DMX
IOT	IoT

3 Dimension	
345	345 mm / 13.58 in
650	650 mm / 25.59 in
955	955 mm / 37.60 in
1260	1260 mm / 49.61 in

4 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°
WWN	30° x 11° y -14° L
WWW	30° x 58° y -14° L

5 Approbation	
CE	European Union
ETL	North America

6 Glare Protection	
OP	No Glare Protection
HL64	Honeycomb louver (internal, 6,4mm)
LL00	Linear louver 0° (internal)
LL17	Linear louver 17° (internal)

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