

# tellus m eco




pureWhite | pureColor

TECHNICAL DATASHEET

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## Technical Data

Dimensions	110 mm x 110 mm [W x H] 4.33 in x 4.33 in [W x H]
Standard Unit Lengths	345 mm, 650 mm, 955 mm, 1260 mm 13.59 in, 25.60 in, 37.60 in, 49.61 in
Fixture Typ	  pureWhite      pureColor
Color Temperatures pureWhite	2700 K, 3000 K, 3500 K, 4000 K * Project-specific color temperature for pureWhite available.
LED-Colors pureColor	Red, Green, Blue, Amber * Project-specific colors for pureColor available.
Beam Angles	8°, 10°, 23°, 43°, 52° 8° x 31°, 10° x 42°, 12° x 60°, 14° x 100°, 30° x 58° (Tilt in C0-plane: -14°), 30° x 11° (Tilt in C0-plane: -14°), 110°
Luminous Flux	345 mm (13.59 in): 937 lm 650 mm (25.6 in): 1874 lm 955 mm (37.6 in): 2811 lm 1260 mm (49.61 in): 3748 lm  pureColor red: 450 lm/ft pureColor green: 825 lm/ft pureColor blue: 365 lm/ft pureColor amber: 784 lm/ft
Light Source	345 mm (13.59 in): 8 LEDs 650 mm (25.6 in): 16 LEDs 955 mm (37.6 in): 24 LEDs 1260 mm (49.61 in): 32 LEDs
Color Rendering Index	R <sub>a</sub> >= 80
Antiglare	Honeycomb structure
LED-Binning	
MacAdam Ellipses Binning	3
Dimming	Non-dimmable   Dimmable (DALI , DMX , IOT , 0 - 10 V)

Input Voltage	Power supply: internal   100 - 240, 277 VAC (50 - 60 Hz)   127 - 431 VDC		
Power Consumption	345 mm (13.59 in):	Max. 14 W	
	650 mm (25.6 in):	Max. 28 W	
	955 mm (37.6 in):	Max. 42 W	
	1260 mm (49.61 in):	Max. 56 W	
Power Factor Correction	0.9		
Protection Class	II		
Inrush	<b>@230V:</b>		
	220 mm (8,67 in):	COLD START 50A( $t_{width}=210\mu s$ measured at 50% $I_{peak}$ )	
	345 mm (13,59 in):	COLD START 50A( $t_{width}=210\mu s$ measured at 50% $I_{peak}$ )	
	650 mm (25,60 in):	COLD START 50A( $t_{width}=210\mu s$ measured at 50% $I_{peak}$ )	
	955 mm (37,60 in):	COLD START 55A( $t_{width}=270\mu s$ measured at 50% $I_{peak}$ )	
	1260 mm (49,61 in):	COLD START 70A( $t_{width}=435\mu s$ measured at 50% $I_{peak}$ )	
	<b>@110V:</b>		
	220 mm (8,67 in):	COLD START 24A( $t_{width}=210\mu s$ measured at 50% $I_{peak}$ )	
	345 mm (13,59 in):	COLD START 24A( $t_{width}=210\mu s$ measured at 50% $I_{peak}$ )	
	650 mm (25,60 in):	COLD START 24A( $t_{width}=210\mu s$ measured at 50% $I_{peak}$ )	
	955 mm (37,60 in):	COLD START 27A( $t_{width}=270\mu s$ measured at 50% $I_{peak}$ )	
	1260 mm (49,61 in):	COLD START 34A( $t_{width}=435\mu s$ measured at 50% $I_{peak}$ )	
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	Extruded aluminium profile		
Housing Color(s)	Black anodized		
Lens	Tempered safety glass Markerlight Anti-Slip Safety Glass: Translucency 50%		
Frame	Stainless steel		
Weight	345 mm / 13.58 in:	4,5 kg	(9.92 lbs)
	650 mm / 25.59 in:	7,5 kg	(16.53 lbs)
	955 mm / 37.60 in:	10,5 kg	(23.15 lbs)
	1260 mm / 49.61 in:	14 kg	(30.86 lbs)
Load	500 kg   1100 lbs		
Ingress Protection	IP67		

Environment



indoor

outdoor

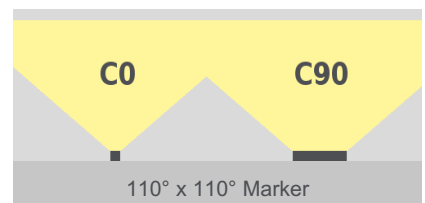
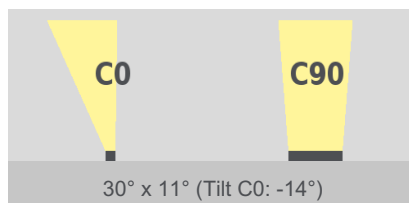
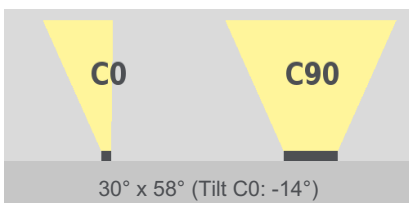
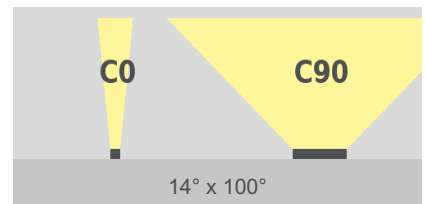
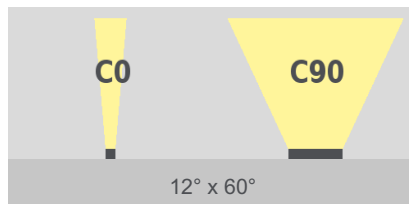
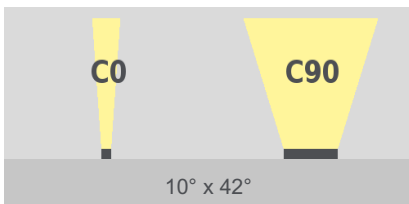
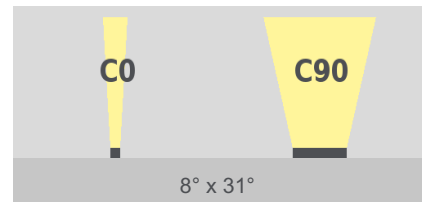
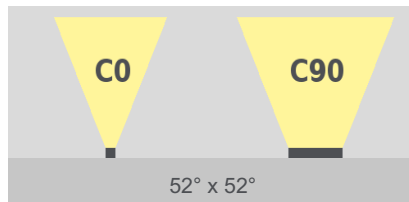
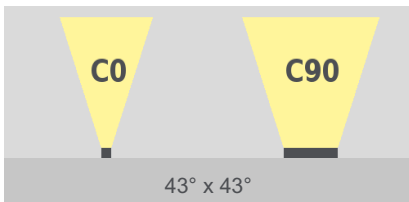
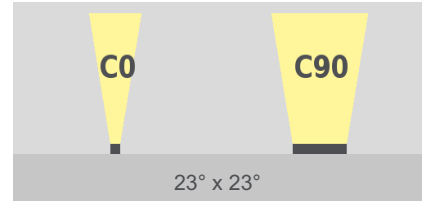
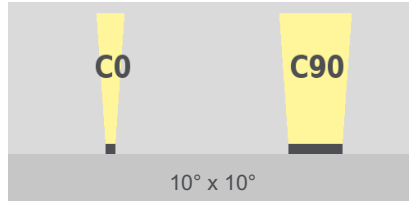
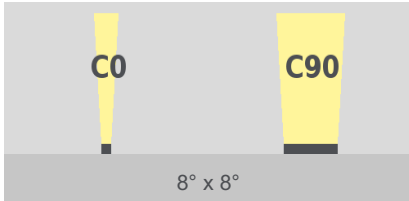
Impact Protection

IK09

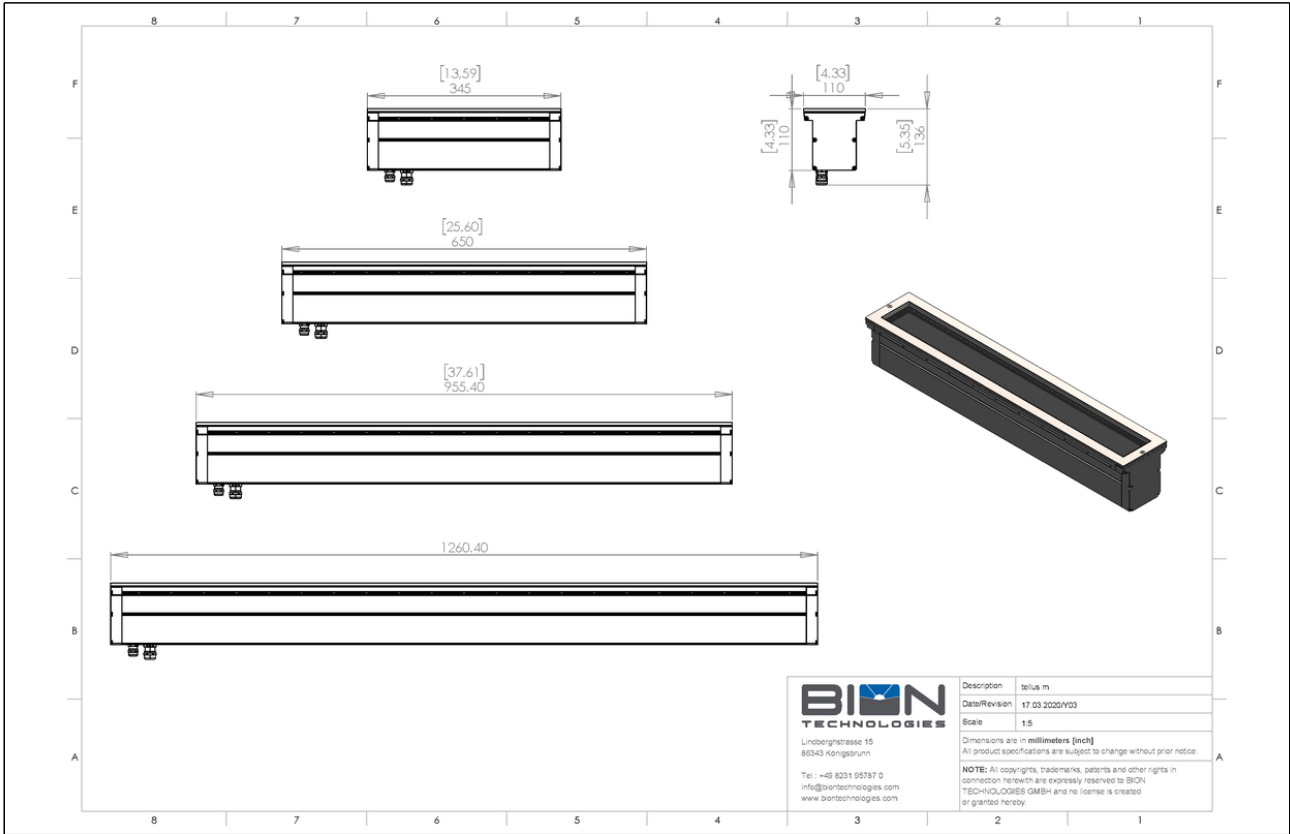
Certification



## 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.

TEL-M-ECO- \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - Y03

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Sample Order Code: tellus-m-eco-pCRE-ndim-3/955-52x52-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](http://www.biontechnologies.com)  
[info@biontechnologies.com](mailto:info@biontechnologies.com)

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

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