

tellus m eco




RGB | RGBW

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	  RGB RGBW
Color Temperatures W-Channel	3000 K, 4000 K * Project-specific LED-colors for RGBW/RGB 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): 644 lm 650 mm (25.6 in): 1288 lm 955 mm (37.6 in): 1932 lm 1260 mm (49.61 in): 2576 lm RGB 444lm @ 6 Leds
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	Warm White: Ra > 80 High CRI R a> 95 Neutral White: Ra > 80 Cool White: Ra > 70
Antiglare	Honeycomb
LED-Binning	
MacAdam Ellipses Binning	3
Control	DMX, IOT

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	
Protection Class	I		
Inrush	@230V:		
	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})	
	@110V:		
	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

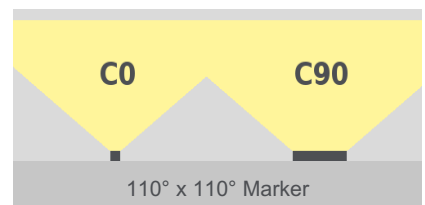
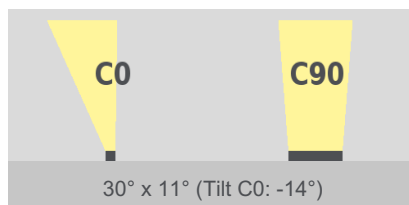
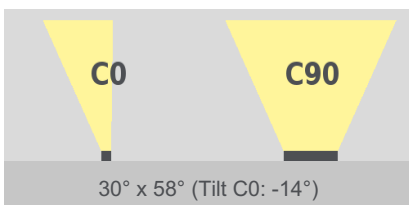
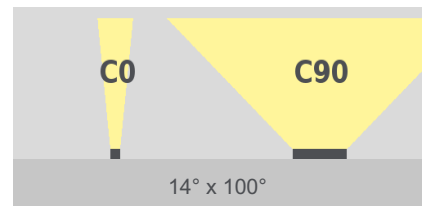
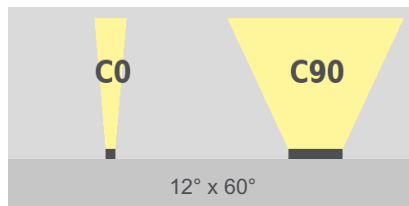
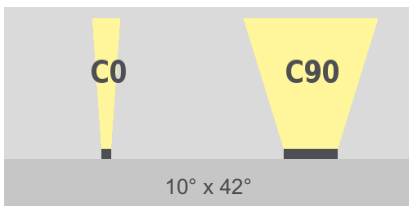
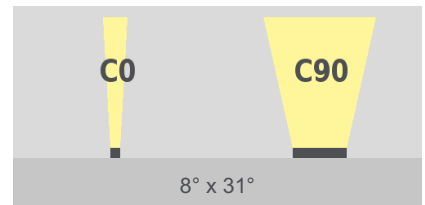
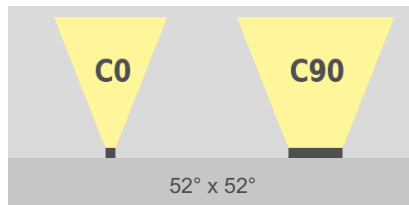
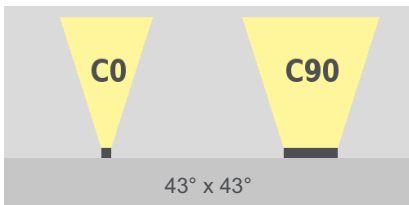
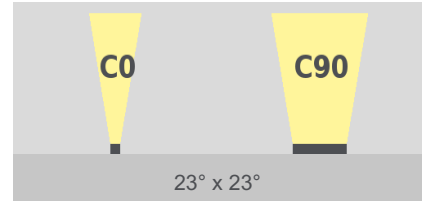
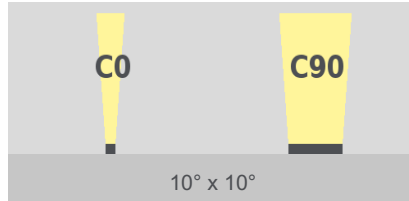
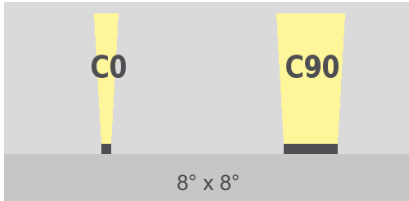
Impact Protection

IK09

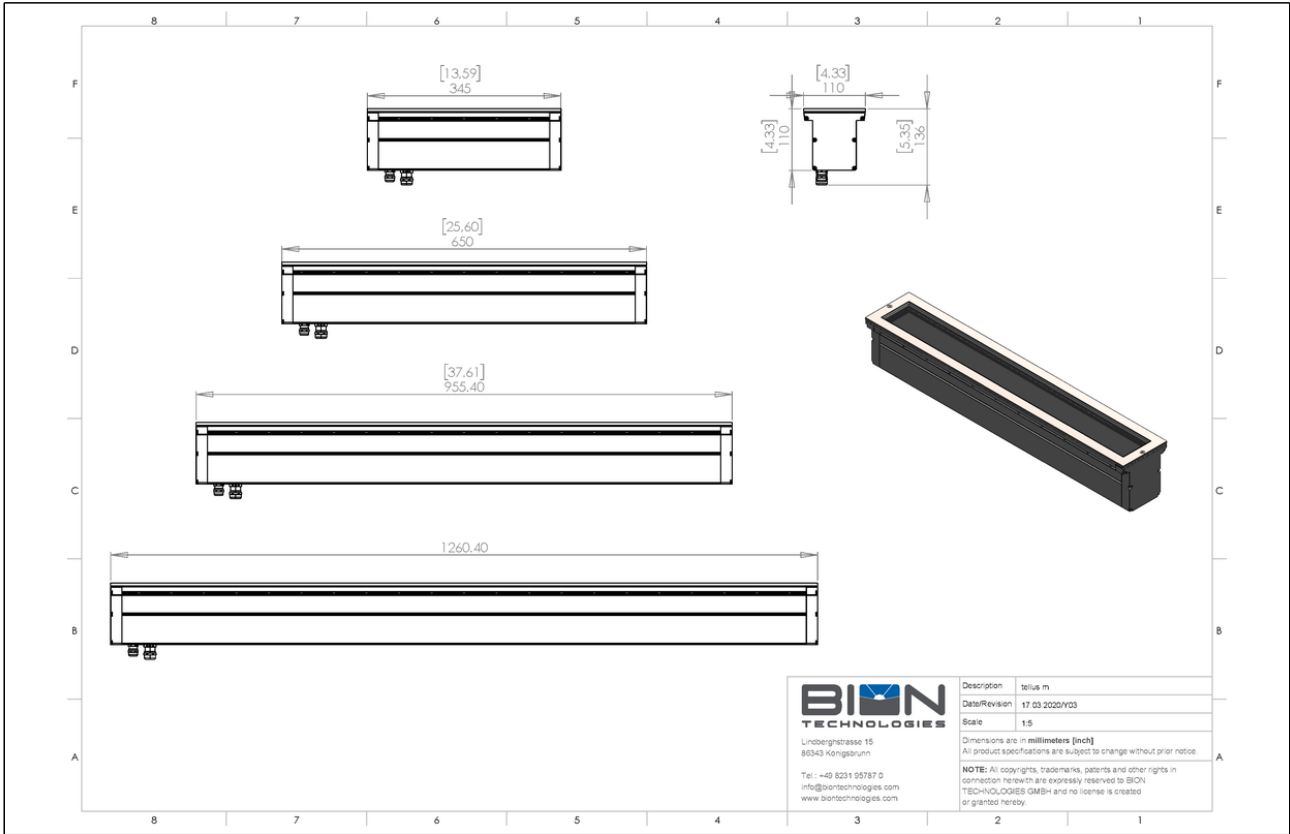
Certification



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

TYP - LUMINOUS
COLOR

DIMMING

FIXTURE LENGTH

BEAM ANGLE

WIRING

GLARE
PROTECTION

TYP - LUMINOUS COLOR	
RGBS	RGB
RGBW30	RGBW - 3000 K
RGBW40	RGBW - 4000 K

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°
WWW	30° x 58° (Tilt in C0-plane: -14°)
WWN	30° x 11° (Tilt in C0-plane: -14°)
MARKER	110° x 110° Marker

GLARE PROTECTION	
OP	No glare protection
HL	Honeycomb louver
LL17	Linear louver 17°
LL00	Linear louver 0°
CGC	customized glare control
<i>Use LL17 only with beam angle www or wwn</i>	

DIMMING	
DMX	Dimmable - DMX
IOT	Dimmable - IOT

FIXTURE LENGTH	
345	345 mm / 13.58 in
650	650 mm / 25.59 in
955	955 mm / 37.6 in
1260	1260 mm / 49.61 in

WIRING	
CE	Europe
ETL	North America

Sample Order Code: tellus-m-eco-RGBS-dim-DMX-3/955-10x42-CE-Y01

* Project-specific options are available - Please contact our Sales Representative for further information.



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