



tellus surface eco



pureWhite







TECHNICAL DATASHEET

tellus surface eco

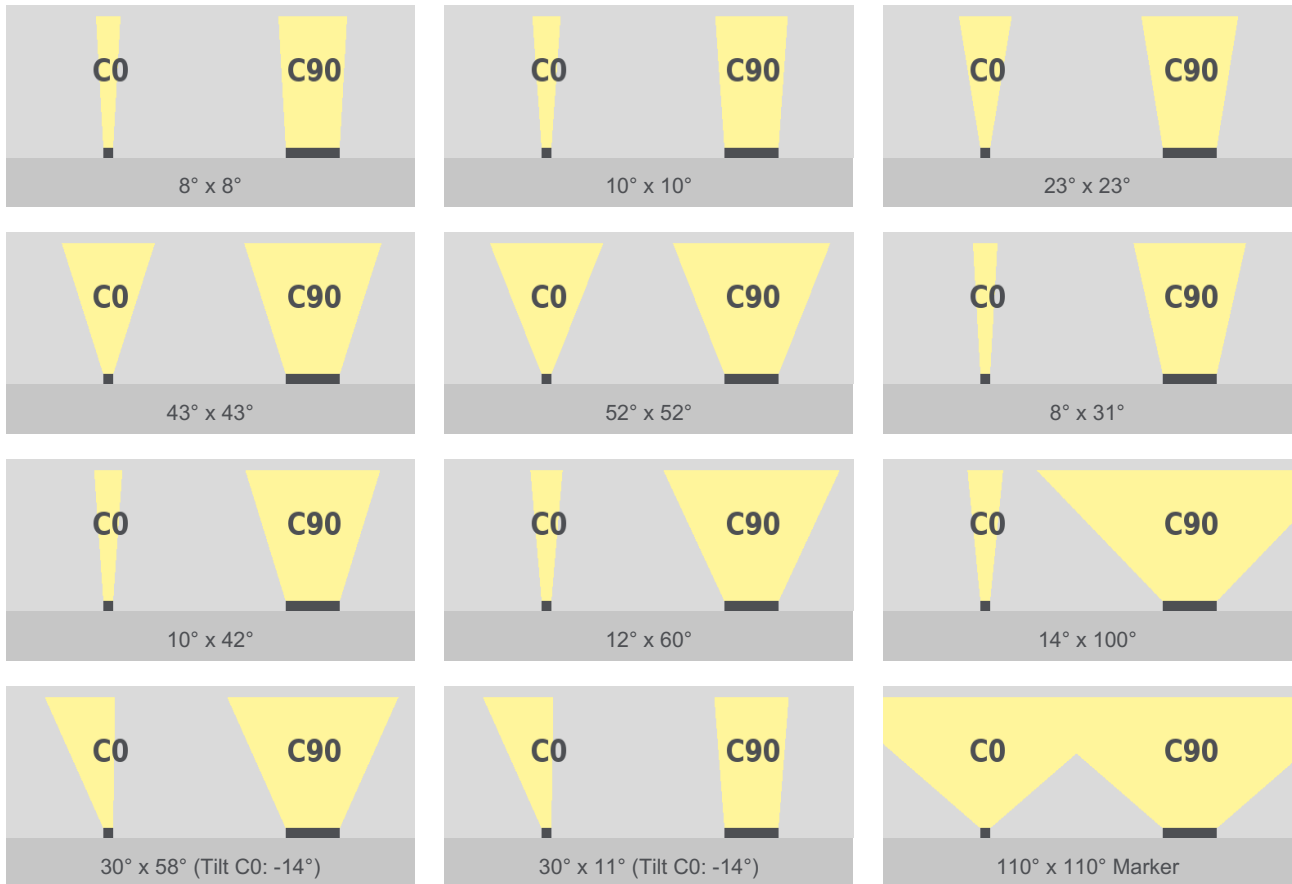
pureWhite

Technical Data

Dimensions	115 mm x 100 mm [W x H] 4.53 in x 3.94 in [W x H]
Standard Unit Lengths	352 mm, 657 mm, 962 mm, 1267 mm 13.86 in, 25.87 in, 37.88 in, 49.89 in
Fixture Typ	 pureWhite
Color Temperatures pureWhite	2700 K, 3000 K, 3500 K, 4000 K * Project-specific color temperature for pureWhite 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	352 mm (13.86 in): 876 lm 657 mm (25.87 in): 1752 lm 962 mm (37.88 in): 2628 lm 1267 mm (49.89 in): 3504 lm
Light Source	352 mm (13.86 in): 8 LEDs 657 mm (25.87 in): 16 LEDs 962 mm (37.88 in): 24 LEDs 1267 mm (49.89 in): 32 LEDs
Color Rendering Index	R _a >= 80
Antiglare	Honeycomb, linear louver
LED-Binning	
MacAdam Ellipses Binning	3
Dimming	Non-dimmable Dimmable (DMX, DALI, IOT, 0 - 10 V)

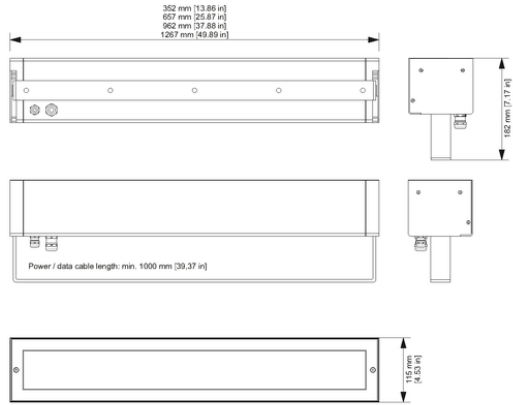
Input Voltage	Power supply: internal 100 - 240, 277 VAC (50 - 60 Hz) 127 - 431 VDC		
Power Consumption	352 mm (13.86 in):	Max. 14 W	
	657 mm (25.87 in):	Max. 28 W	
	962 mm (37.88 in):	Max. 42 W	
	1267 mm (49.89 in):	Max. 56 W	
Power Factor Correction	> 0,97 -> 115 VAC @ max. Output > 0,95 -> 230 VAC @ max. Output > 0,92 -> 277 VAC @ max. Output		
Protection Class	II		
Inrush	55A @ 230VAC (265 µs)		
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)			
	DB703 pow dercoated	White powd ercoated	Black powd ercoated
			Custom Color RAL
Lens	Tempered safety glass		
Frame	Aluminium		
Weight	352 mm (13.86 in):	6 kg (13.23 lbs)	
	657 mm (25.87 in):	9 kg (19.84 lbs)	
	962 mm (37.88 in):	12 kg (26.46 lbs)	
	1267 mm (49.89 in):	15 kg (33.07 lbs)	
Ingress Protection	IP67		
Environment			
	indoor	outdoor	
Impact Protection	IK09		
Certification			

Beam Angles

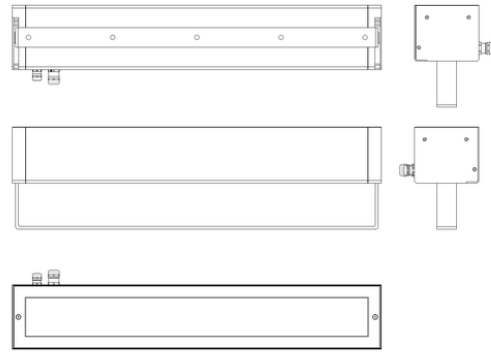



Engineering Drawing

Back feed



Side feed



 Lindberghstr. 15, 86343 Königsturm Tel: +49 8231 95787 0 info@biontechnologies.com	Project:	telus surface m
	Location:	
	Fixture Type:	telus surface m
	Scale:	-
	Date/Revision by:	20180518/01/BI

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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-S-ECO- _____ - _____ - _____ - _____ - _____ - _____ - Y01

TYP - LUMINOUS COLOR		DIMMING		FIXTURE LENGTH		BEAM ANGLE		WIRING		HOUSING COLOR		GLARE PROTECTION		POSITION LEADER CABLE	
TYP - LUMINOUS COLOR		DIMMING		FIXTURE LENGTH		BEAM ANGLE		WIRING		HOUSING COLOR		GLARE PROTECTION		POSITION LEADER CABLE	
PW27	pureWhite - 2700 K	NDIM	Non-dimmable	352	352 mm / 13.86 in	8X8	8° x 8°	CE	Europe	DB	DB703 powdercoated	OP	No glare protection	ZS	side feed
PW30	pureWhite - 3000 K	DMX	Dimmable - DMX	657	657 mm / 25.87 in	10X10	10° x 10°	ETL	North America	WH	White powdercoated	HL	Honeycomb louver	ZR	back feed
PW35	pureWhite - 3500 K	DALI	Dimmable - DALI	962	962 mm / 37.87 in	23X23	23° x 23°			BL	Black powdercoated	LL00	Linear louver 0°		
PW40	pureWhite - 4000 K	IOT	Dimmable - IOT	1267	1267 mm / 49.88 in	43X43	43° x 43°			RAL____	Custom Color RAL	CGC	customized glare control		
		0-10V	Dimmable - 0-10V			52X52	52° x 52°						Use LL17 only with beam angle www or wwn		
						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								

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



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