



funis m square 1000



pureWhite

TECHNICAL DATASHEET

funis m square 1000

pureWhite

Technical Data

Dimensions	130 mm x 130 mm [W x D] 5.12 in x 5.12 in [W x D]	
Standard Unit Lengths	155 mm, 310 mm, 465 mm 6.11 in, 12.21 in, 18.31 in	
Fixture Typ	 pureWhite	
Color Temperatures pureWhite	3000 K, 4000 K * Project-specific color temperature for pureWhite available.	
Beam Angles	46°, 66°	
Luminous Flux	1310 lm	
Light Source	1 LED(s)	
Color Rendering Index	$R_a \geq 80$ @ 2700 K / 3000 K $R_a > 90$ and $R_a > 97$ per Configuration available	
LED-Binning		
MacAdam Ellipses Binning	3	
Dimming	Non-dimmable Dimmable (TRIAC) CE: non-dimmable, dimmable via Triac AC ETLus: non-dimmable, dimmable via Triac AC cETL: non-dimmable	
Input Voltage	Power supply: internal 100 - 240, 277 VAC (50 - 60 Hz) 127 - 431 VDC	
Power Consumption	Max. 12 W	
Power Factor Correction	> 0,9 @ max. Load	
Protection Class	II	
Inrush	Non-dimmable: 277 V: Cold Start 10A($t_D=90\mu s$ gemessen an 50% I_{peak}) 230 V: Cold Start 70A($t_D=120\mu s$ gemessen an 50% I_{peak}) 110 V: Cold Start 34A($t_D=120\mu s$ gemessen an 50% I_{peak}) Dimmable - TRIAC: 277 V: Cold Start 10A($t_D=90\mu s$ gemessen an 50% I_{peak}) 230 V: Cold Start 10A($t_D=90\mu s$ gemessen an 50% I_{peak}) 110 V: Cold Start 10A($t_D=90\mu s$ gemessen an 50% I_{peak})	

Storage Temperatur

-20 °C / +30 °C | -4 °F / +82 °F

Operating Temperature -20 °C / +30 °C | -4 °F / +82 °F

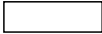




Start-up Temperature -20 °C / +30 °C | -4 °F / +82 °F

Lumen Maintenance [L70] 50'000 h @ 25 °C / 77 °F

LED-Class Class 2 LED-Product

Housing Aluminium

Housing Color(s)

				
Signal white RAL 9003	Jet black RAL 9005	Dark grey RAL 9023	Grey brown RAL 8019	Gold RAL 1036

* Others colors available upon request

Lens PMMA

Weight

155 mm (6.10 in):	2,3 kg	(5.07 lbs)
310 mm (12.20 in):	3,8 kg	(8.38 lbs)
465 mm (18.31 in):	5,4 kg	(11.90 lbs)


Ingress Protection IP20

Environment

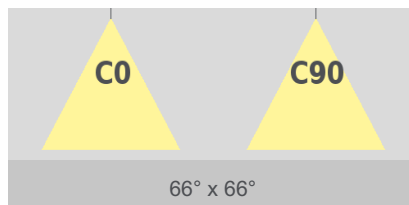
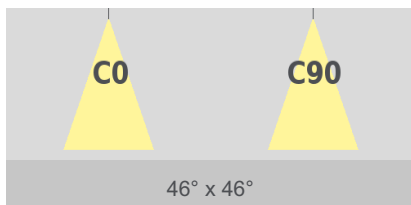


indoor

Certification



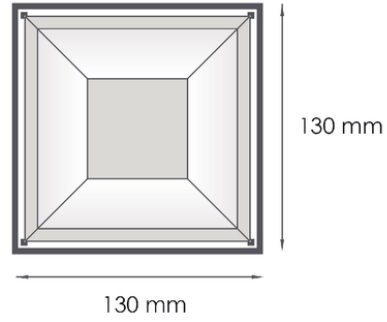
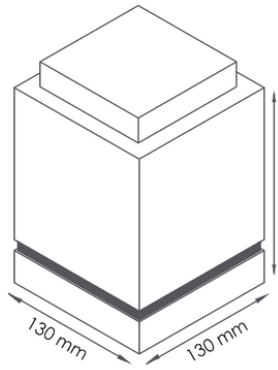
Beam Angles



Engineering Drawing

NOTE: The information is provided as a guide only. It is not intended to be used as a substitute for a technical drawing. The information is provided as a guide only. It is not intended to be used as a substitute for a technical drawing. The information is provided as a guide only. It is not intended to be used as a substitute for a technical drawing.

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Hersteller / manufacturer	Produkt / product
BION TECHNOLOGIES	funis m surface
	Kategorie / category
	Deckenleuchte Surface mounted luminaire

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.

funis-m-square-1000- _____ - _____ - _____ - _____ - _____ - _____ - _____ - _____ - Y01

TYP - LUMINOUS COLOR	DIMMING	FIXTURE LENGTH	BEAM ANGLE	VOLTAGE	HOUSING COLOR	CANOPY	GLOSS LEVEL	COLOR RENDERING INDEX																																																																
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Sample Order Code: funis-m-square-1000-pW30-dim-TRIAC-1/310-66x66-110V-JB-TR-MA-RA97-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
info@biontechnologies.com

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

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