

fossa eco
pureWhite

TECHNICAL DATASHEET

fossa eco

pureWhite

Technical Data

Dimensions 50 mm x 25 mm [W x H]
1.97 in x 0.98 in [W x H]

Length: max. 5000 mm / 196.85 in

Fixture Typ



pureWhite

Color Temperatures pureWhite 2000 K, 2200 K, 2700 K, 3000 K, 4000 K
* Project-specific color temperature for pureWhite available.

Beam Angles 120°

Luminous Flux max. 1800 lm/m
max. 545 lm/ft

Color Rendering Index $R_a \geq 82$

R9 20

LED-Binning



MacAdam Ellipses Binning 2

Dimming external

Input Voltage Power supply: external

Protection Class II

Storage Temperatur -20 °C / +40 °C | -4 °F / +104 °F

Operating Temperature -20 °C / +40 °C | -4 °F / +104 °F

Start-up Temperature -20 °C / +40 °C | -4 °F / +104 °F

Lumen Maintenance [L70] 65'000 h @ 25 °C (77 °F) | 40'000 h @ 50 °C (122 °F)

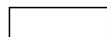
LED-Class Class 2 LED Product

Housing Aluminium

Housing Color(s)



Aluminium
anodized
(Standard)



White powd
ercoated



Black
anodized

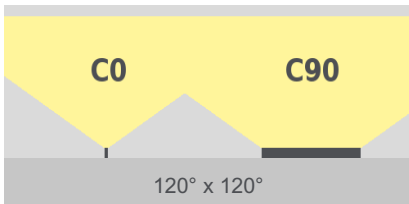
Lens	Material: PMMA	
	Translucency	
	clear	90%
	frost	87%
	white	70%

Ingress Protection IP20

Environment 
indoor

Certification   

Beam Angles



Engineering Drawing

[0,98]
25

[1,97]
50

Verschiedene Längen bis zu 5000 mm
Various Length up to 5000 mm

BION
TECHNOLOGIES

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Description: fossa 50/25

Date/Rev.: PRELIMINARY

Dimensions are in millimeters [mm]
All product specifications are subject to change without prior notice.

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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.

FOS-ECO- _____ - _____ - _____ - Y01
 TYP - LUMINOUS COLOR HOUSING COLOR FIXTURELENGTH IN MM

TYP - LUMINOUS COLOR	
PW20	pureWhite - 2000 K
PW22	pureWhite - 2200 K
PW27	pureWhite - 2700 K
PW30	pureWhite - 3000 K
PW40	pureWhite - 4000 K

HOUSING COLOR	
AA	Aluminium anodized (Standard)
WH	White powdercoated
BL	Black anodized

FIXTURELENGTH IN MM	
LXXXX	Length in mm
LXXXX in Milimeter i.e. L5000 max. 5000 mm	

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



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