

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: blomus GmbH

Supplier's address: Kundenservice, Zur Hubertushalle 4, 59846 Sundern, DE

Model identifier: FAROL Mini

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED-Module		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	90 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 700 or 4 000
On-mode power (P_{on}), expressed in W	1,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	-
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	83
Outer dimensions without separate control gear, lighting control	Height	195	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	70	
	Depth	70	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,461 0,419
Parameters for LED and OLED light sources:			
R9 colour rendering index value	12	Survival factor	-
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

Report of Spectroradiometric & Electric Analysis for Light Source

Model No.:

Sample SN:

Manufacturer:

Tested By:

Description:

Test Report No.:

Date:

Reviewed By:

Test Condition

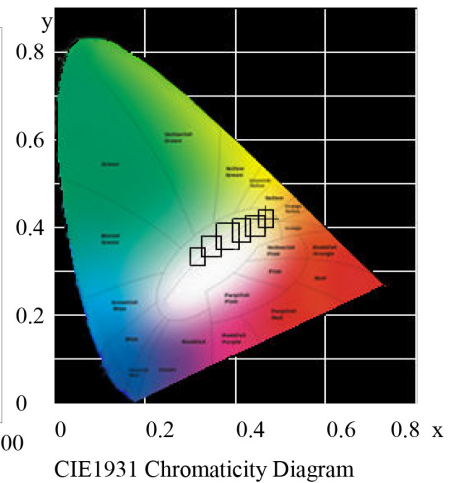
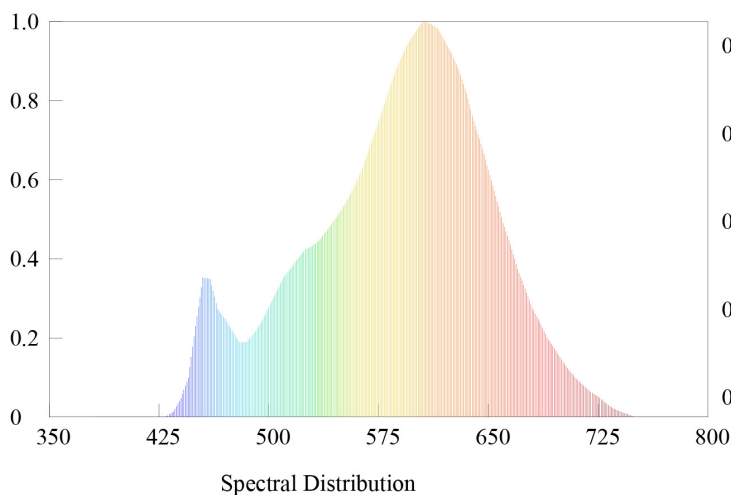
Temperature: 25°C

RH: 58%

Spectrum Range: 350-800 nm

Scan Step: 5 nm

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.4649$ $y=0.4190$ $u'=0.262$ $v'=0.5312$

Correlated Color Temperature: 2695 K

Dominant Wavelength: 582.0 nm(E)

Colour Fidelity Index: $R_f=82$

Gamut Index: $R_g=91$

Luminous Flux: 94.76 lm

Purity: 0.6554

Chromaticity Difference: $+0.00263$ Duv

Peak Wavelength: 605.0 nm

Color Ratio: $K_r=47.9\%$ $K_g=45.2\%$ $K_b=6.8\%$

Color Tolerance(SDCM): 1.6016

Bandwidth: 110.4nm

Radiant Flux: 0.234 W

Photosynthetically Active Radiation(PAR): 0.23W

Photosynthetic Photon Flux(PPF): 1.13 μ mol/s

Rendering Index: $R_a=83.6$

$R_1=83$ $R_2=94$ $R_3=94$ $R_4=81$ $R_5=83$ $R_6=94$ $R_7=82$ $R_8=59$

$R_9=12$ $R_{10}=86$ $R_{11}=82$ $R_{12}=74$ $R_{13}=86$ $R_{14}=97$ $R_{15}=74$ $R_e=79$

Electric Parameters

Voltage: 5.00 V

Current: 0.198 A

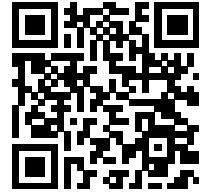
Power Factor: 1.000

Power: 0.99 W

Luminous Efficacy: 95.5 lm/W

SENSING Instruments Co.,Ltd

Model placed on the Union market from 01/01/2024



EPREL registration number: 1817134

<https://eprel.ec.europa.eu/qr/1817134>

Supplier: blomus GmbH (Importer)

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