

Product Information Sheet

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

Supplier's name or trade mark: FERMOB

Supplier's address: SERVICE RELATION CLIENT, PARC ACTIVAL, 01140 THOISSEY, FR

Model identifier: 4004 - SWIING LAMPE H20 CM

Type of light source:

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

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°)	50 in Sphere (360°)	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	2200...2700
On-mode power (P_{on}), expressed in W	1,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

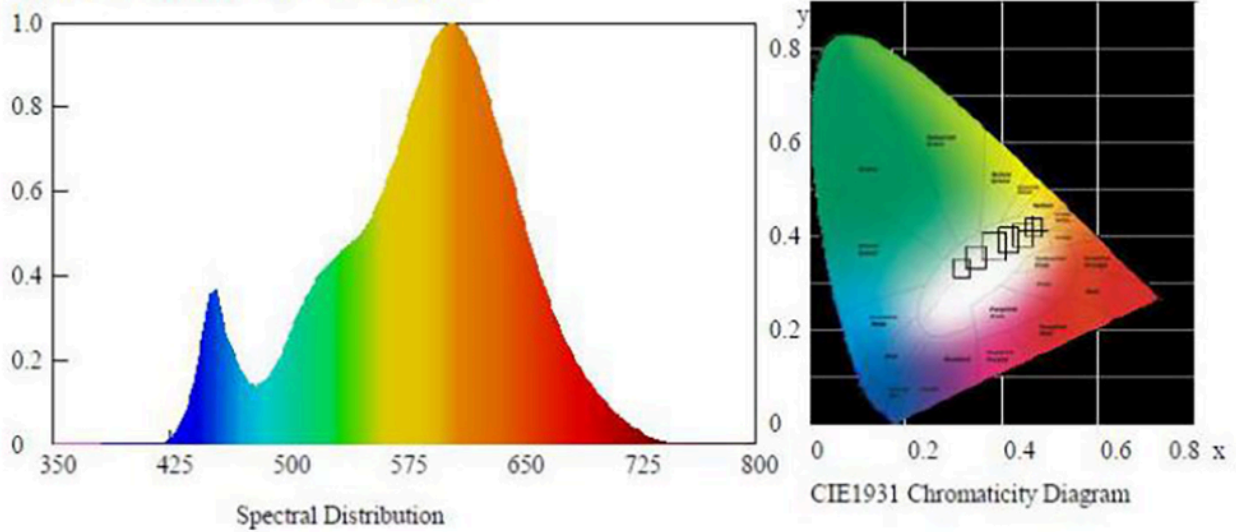
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,505 0,426	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	12	Survival factor	1,00	
the lumen maintenance factor	-			

(a) : not applicable;

(b) : not applicable;

Photometric test record of one lamp at initial measurement

Spectroradiometric Parameters



Chromaticity Coordinates: $x=0.4600$ $y=0.4126$ $u'=0.2617$ $v'=0.5281$

Correlated Color Temperature: 2714 K

Dominant Wavelength: 582.0 nm(E)

Colour Fidelity Index: $R_f=82$

Gamut Index: $R_g=94$

Luminous Flux: 97.05 lm

Purity: 0.6238

Chromaticity Difference: $+0.00074Duv$

Peak Wavelength: 605.0 nm

Color Ratio: $K_r=48.1\%$ $K_g=45.5\%$ $K_b=6.4\%$

Color Tolerance(SDCM): 3.2383

Bandwidth: 103.6nm

Radiant Flux: 0.27 W

Photosynthetically Active Radiation(PAR): 0.27W

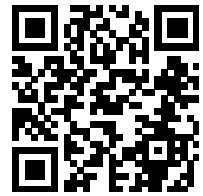
Photosynthetic Photon Flux(PPF): $1.31 \mu\text{mol/s}$

Rendering Index: $R_a=81.1$

$R_1=80$ $R_2=91$ $R_3=95$ $R_4=79$ $R_5=80$ $R_6=90$ $R_7=80$ $R_8=53$

$R_9=-2$ $R_{10}=80$ $R_{11}=80$ $R_{12}=72$ $R_{13}=83$ $R_{14}=98$ $R_{15}=70$ $R_e=75$

Model placed on the Union market from 01/09/2024



EPREL registration number: 1941526

<https://eprel.ec.europa.eu/qr/1941526>

Supplier: FERMOB (Manufacturer)

Website: www.fermob.com

Customer care service:

Name: SERVICE RELATION CLIENT

Website: www.fermob.com

Email: info@fermob.com

Phone: 0826625313

Address:

PARC ACTIVAL
01140 THOISSEY
France