

Product Information Sheet

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

Supplier's name or trade mark: LOOM Design

Supplier's address: Main Office, Lilleringvej 30, 8462 Aarhus Harlev, DK

Model identifier: 817-003

Type of light source:

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

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	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°)	538 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	3 000
On-mode power (P_{on}), expressed in W	12,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
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	80
Outer dimensions without separate control gear, light-	Height	152	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	96	
	Depth	96	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,440 0,400
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 349	Beam angle in degrees, or the range of beam angles that can be set	36
Parameters for LED and OLED light sources:			
R9 colour rendering index value	24	Survival factor	0,98
the lumen maintenance factor	0,80		

(a) : not applicable;

(b) : not applicable;

Spectral Test Report for Lamp

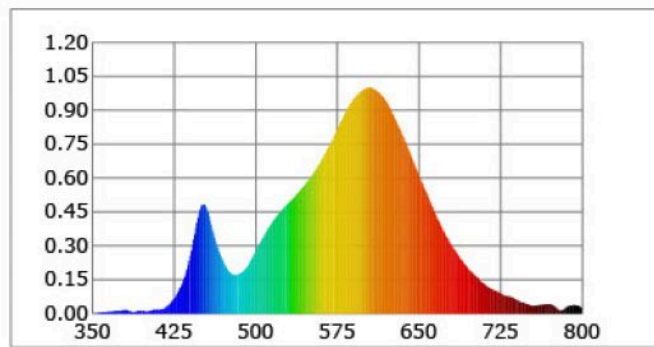
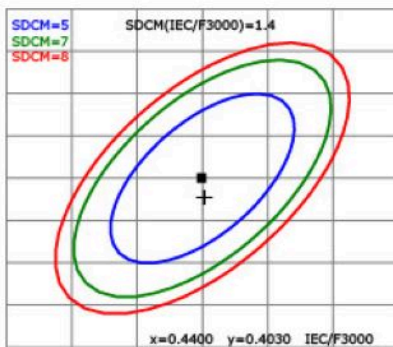
Product Type: P11007
 Product No.: 砂白
 Manufacture:

Operator:
 Test Equipment: SPEC-3000A Spectrometer
 Test Time: 2023/7/18 11:51:49

CIE Color Parameter

Chromaticity Coordinates: $x=0.4402$ $y=0.4004$ $u=0.2543$ $v=0.3470$ $u^*=0.2543$ $v^*=0.5205$
 Color Temperature: 2920 K ($duv=-0.00187$) Color Difference: SDCM(IEC/F3000)=1.4 Main Wl: $\lambda_d=477.3$ nm Purity: 0.022
 Peak Wavelength: $\lambda_p=603.5$ FWHM: $\Delta\lambda_p=127.4$ nm Color Ratio: R=0.249 G=0.729 B=0.022

Color Rendering Index: Ra=81.35 Color Fidelity: Rf=82.27 Color Gamut: Rg=97.13 GAI:99.69
 R1=76.0 R2=86.6 R3=96.6 R4=83.9 R5=84.8 R6=91.3 R7=78.0 R8=53.2
 R9=2.4 R10=72.1 R11=81.8 R12=73.5 R13=77.7 R14=97.9 R15=68.8



Optical Parameter

Luminous Flux: 538.55 lm luminous efficiency: 44.25 lm/w Radiant flux: 1.684 W
 Total Efficiency: 44.252 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Energy Efficiency Index (EEI): 0.260 Energy Efficiency Class: B (EU 874/2012)

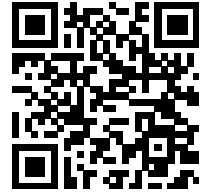
Electrical Parameter

Voltage(V): 229.00 Current(A): 0.0560 Power(W): 12.170 Power Factor: 0.9430 DF: 1.0000

Temperature: $^{\circ}\text{C}$
 Test Range: 350-800nm : 1nm
 Preheat Time: 0(min)
 Absorption Coefficient: 1.10055

Humidity:
 Peak AD: 49083 (74.9%)
 Integral Time: 299.14 (ms)

Model placed on the Union market from 01/05/2024



EPREL registration number: 2148833

<https://eprel.ec.europa.eu/qr/2148833>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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