

# 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:** 817-001

## 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 ( $\phi_{use}$ ), 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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,440 0,400
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	1 349	Beam angle in degrees, or the range of beam angles that can be set	36
<b>Parameters for LED and OLED light sources:</b>			
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

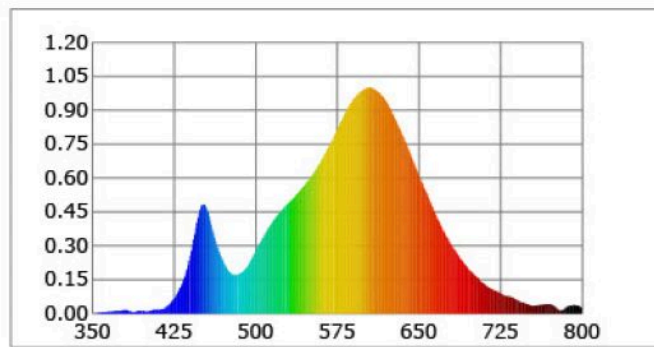
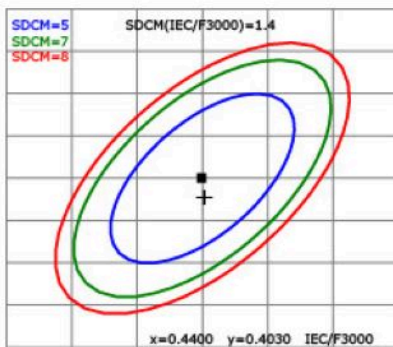
Product Type: P11007  
 Product No.: 砂白  
 Manufacture:

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)

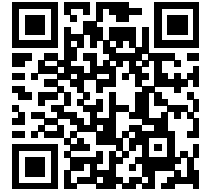
### Electrical Parameter

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 03/06/2024



**EPREL registration number:** 2148817

<https://eprel.ec.europa.eu/qr/2148817>

**Supplier:** Lampefeber A/S (Importer)

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**Customer care service:**

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