

# 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:** 840-001

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	SMD		
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:	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	6	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°)	373 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	2 982
On-mode power ( $P_{on}$ ), expressed in W	6,0	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	90
Outer dimensions without separate control gear, light-	Height	9	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	11	
	Depth	9	
			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)	0,438 0,405
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	60	Survival factor	0,90
the lumen maintenance factor	0,97		

(a) : not applicable;

(b) : not applicable;

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4386$   $y=0.4053$   
 Chromaticity Coordinate:  $u'=0.2511$   $v'=0.5221$  ( $duv=2.49e-04$ )  
 $Tc=2982K$  Dominant WL:  $Ld=582.8nm$  Purity=53.3% Centroid WL:  $602.0nm$   
 Ratio:  $R=25.9\%$   $G=71.3\%$   $B=2.7\%$  Peak WL:  $Lp=620.0nm$  HWL:  $161.8nm$   
 Render Index:  $Ra=92.6$  CRI=89.7  
 R1 =93 R2 =97 R3 =99 R4 =91 R5 =92 R6 =96 R7 =91  
 R8 =82 R9 =60 R10=92 R11=92 R12=77 R13=94 R14=99 R15=89

**Photo Parameters:**

Flux: 292.01 lm Fe: 1.0180 W Efficacy: 50.14 lm/W

**Electrical Parameters:**

Lamp : U=229.86V I=0.04828A P=5.823W PF=0.5247

*Instrument Status:*

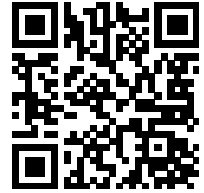
Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=2190(G=3, D=51)$   
 REF=3876 (R=4)  $\%=-0.053\%$  PMT: 19.9 centigrade [20.2]

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Product Type:  
 Number:  
 Temperature: 25.3 deg  
 Test Operator: J01  
 Software: V3.00.137

Manufacturer:  
 Test Department:  
 Humidity: 65.0%  
 Test Date: 2021-11-23 08:46:03  
 Instrument: PMS-50SSA\_V1 (SN:1004060)

Model placed on the Union market from 01/07/2022



**EPREL registration number:** 1131440

<https://eprel.ec.europa.eu/qr/1131440>

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

**Website:** [www.lampefeber.com](http://www.lampefeber.com)

**Customer care service:**

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