

# 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:** 841-001

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	LED		
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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	D
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°)	586 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	4,0	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	81
Outer dimensions without separate control gear, lighting control	Height	2 965	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	200	
	Depth	200	
			See image in last page

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)	0,433 0,402
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	-3	Survival factor	1,00
the lumen maintenance factor	0,50		

(a) : not applicable;

(b) : not applicable;

## Lightsource Test Report

### Product Information

Product Number: AP9378-1S

Submitted Unit:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4333$   $y=0.4024$   $u(u')=0.2490$   $v=0.3468$   $v'=0.5202$

CCT:  $T_c=3048K$  ( $duv=-0.00018$ )

Color Ratio:  $R=0.224$   $G=0.749$   $B=0.028$

Peak Wavelength: 601.5nm

Half Bandwidth: 120.2nm

Dominant Wavelength: 582.7nm

Color Purity: 0.509

CRI:  $R_a=80.8$

TM30:  $R_f=84$ ,  $R_g=94$

GAI:  $GAI\_BB\_8=91.8$ ,  $GAI\_BB\_15=99.0$ ,  $GAI\_EES=53.9$

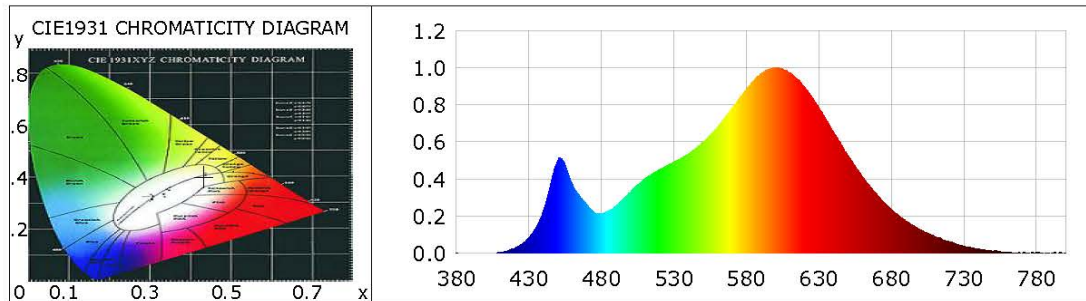
R1 =79    R2 =91    R3 =95    R4 =78    R5 =80    R6 =89    R7 =80    R8 =54

R9 =-3    R10=79    R11=78    R12=72    R13=82    R14=98    R15=71

Color Quality Scale:  $Q_a=81.2$ ,  $Q_f=83.0$ ,  $Q_p=81.7$ ,  $Q_g=89.8$

Q1 =77    Q2 =95    Q3 =83    Q4 =79    Q5 =82    Q6 =82    Q7 =82    Q8 =86

Q9 =95    Q10=90    Q11=86    Q12=82    Q13=81    Q14=69    Q15=72



### Photometric Parameters

Luminous Flux: 586.05 lm

Efficiency: 104.65 lm/W

Radiant Power: 1.739 W

EEI: 0.11

Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 219.20V

Current: 0.0300A

Power: 5.60W

Power Factor: 0.8490

Frequency: 50.02Hz

### Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms    ALC.: 1.0000

Photometric Condition: Sphere diameter: 1.00m, 4T

Max of Signal: 45534 (3572)

CCD Integration Time: 320.68 ms

Condition:  $T_x:28.0^{\circ}C$ ,  $T_i:0.0^{\circ}C$ , R.H.:60%

Test Device: Inventfine CMS-2S (Plus)

Test Lab:

Test Time: 2023-09-16 10:29:20

Operator:

Inspector:

Model placed on the Union market from 01/03/2024



**EPREL registration number:** 1849883

<https://eprel.ec.europa.eu/qr/1849883>

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

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