

# 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:** 842-004

**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:                       | Only with specific dimmers |

## 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                                                                         | 6                    | Energy efficiency class                                                                                                                                    | F                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 683 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 ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 6,0                  | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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, light-                                                                                                | Height               | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width                |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth                |                                                                                                                                                            |                        |

|                                                                       |   |                                    |                |  |
|-----------------------------------------------------------------------|---|------------------------------------|----------------|--|
| 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) | 0,399<br>0,432 |  |
| <b>Parameters for LED and OLED light sources:</b>                     |   |                                    |                |  |
| R9 colour rendering index value                                       | 0 | Survival factor                    | 1,00           |  |
| the lumen maintenance factor                                          | - |                                    |                |  |

(a) '-': not applicable;

(b) '-': not applicable;

## Lightsource Test Report

### Product Information

Product Number: AP9378-1L

#### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4321$   $y=0.3997$   $u(u')=0.2493$   $v=0.3460$   $v'=0.5189$

CCT:  $T_c=3047K$  ( $duv=-0.00107$ )

Color Ratio:  $R=0.225$   $G=0.746$   $B=0.028$

Peak Wavelength: 602.9nm

Half Bandwidth: 120.6nm

Dominant Wavelength: 602.3nm

Color Purity: 0.497

CRI:  $R_a=81.4$

TM30:  $R_f=84$ ,  $R_g=95$

GAI:  $GAI\_BB\_8=94.2$ ,  $GAI\_BB\_15=101.7$ ,  $GAI\_EES=55.3$

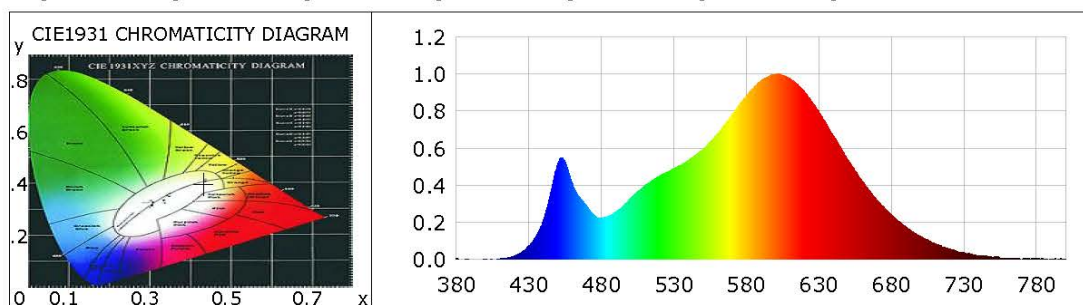
$R1=80$   $R2=92$   $R3=94$   $R4=79$   $R5=81$   $R6=90$   $R7=80$   $R8=55$

$R9=0$   $R10=81$   $R11=78$   $R12=73$   $R13=83$   $R14=98$   $R15=72$

Color Quality Scale:  $Q_a=81.4$ ,  $Q_f=83.0$ ,  $Q_p=82.3$ ,  $Q_g=90.4$

$Q1=77$   $Q2=95$   $Q3=83$   $Q4=79$   $Q5=82$   $Q6=83$   $Q7=83$   $Q8=85$

$Q9=95$   $Q10=90$   $Q11=86$   $Q12=82$   $Q13=81$   $Q14=70$   $Q15=72$



### Photometric Parameters

Luminous Flux: 683.31 lm

Efficiency: 108.46 lm/W

Radiant Power: 2.040 W

EEI: 0.11

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

### Electric Parameters

Voltage: 219.10V

Current: 0.0540A

Power: 6.30W

Power Factor: 0.5350

Frequency: 50.02Hz

#### Test Information

Scan Range: 380~800nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms ALC.: 1.0000

Photometric Condition: Sphere diameter: 1.00m, 4IT

Max of Signal: 44853 (3538)

CCD Integration Time: 536.72 ms

Condition:  $T_x:26.8^{\circ}C$ ,  $T_i:0.0^{\circ}C$ , R.H.:60%

Test Device: Inventfine CMS-2S (Plus)

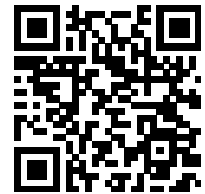
Test Lab:

Test Time: 2023-09-16 19:37:35

Operator:

Inspector:

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



**EPREL registration number:** 1950207

<https://eprel.ec.europa.eu/qr/1950207>

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

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

**Customer care service:**

**Name:** Main Office

**Website:** [www.loom-design.com](http://www.loom-design.com)

**Email:** [mail@lampefeber.com](mailto:mail@lampefeber.com)

**Phone:** +4586361722

**Address:**

Lilleringvej 30  
8462 Harlev  
Denmark