

# 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:** 844-002

## 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:                       | No   |

## 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  | 9                    | Energy efficiency class  | F   |
| 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°) | 900 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   | 9,0                  | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | -   |
| 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   | 82  |
| Outer dimensions without separate control gear, lighting control   | Height               | 120  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                | 120  |   |
|  | Depth                | 120  |   |
|  |                      |  | See image in last page  |

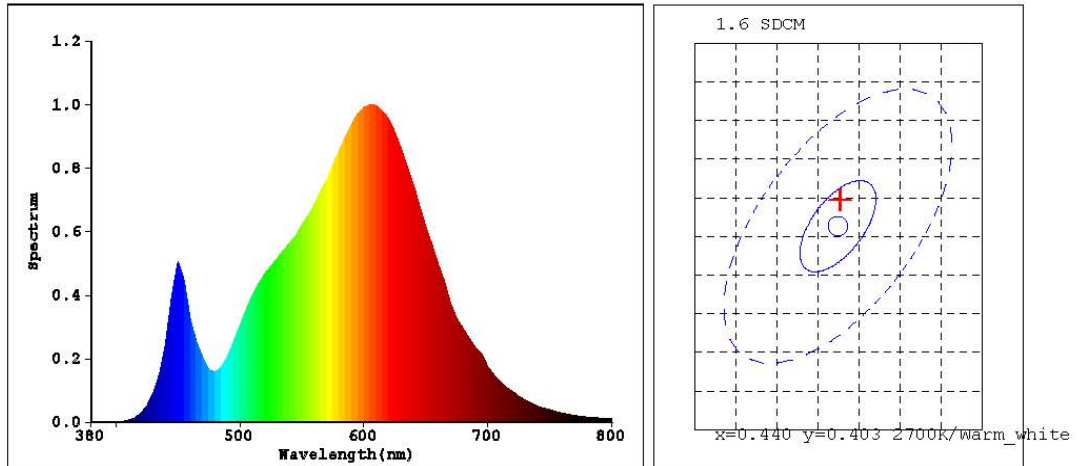
|   |      |                                    |                |
|---|------|------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) |      |                                    |                |
| Claim of equivalent power <sup>(a)</sup>                  | -    | If yes, equivalent power (W)       | -              |
|   |      | Chromaticity coordinates (x and y) | 0,440<br>0,405 |
| <b>Parameters for LED and OLED light sources:</b>         |      |                                    |                |
| R9 colour rendering index value                           | 13   | Survival factor                    | 1,00           |
| the lumen maintenance factor                              | 0,98 |                                    |                |

(a) : not applicable;

(b) : not applicable;

K2700L

Light Source Test Report



Color Parameters:

Chromaticity Coordinate:  $x=0.4402$   $y=0.4057$   
 Chromaticity Coordinate:  $u'=0.2520$   $v'=0.5225$  ( $duv=2.14e-04$ )  
 $Tc=2759K$  Dominant WL:  $Ld=582.9nm$  Purity=53.9% Centroid WL: 591.0nm  
 Ratio:  $R=25.1\%$   $G=72.9\%$   $B=2.1\%$  Peak WL:  $Lp=605.0nm$  HWL: 133.0nm  
 Render Index:  $Ra=82.4$   
 R1 =82 R2 =90 R3 =97 R4 =82 R5 =82 R6 =88 R7 =84  
 R8 =62 R9 =13 R10=78 R11=82 R12=70 R13=84 R14=98 R15=75

Photo Parameters:

Flux: 900.7 lm Fe: 3.4035 W Efficacy: 101.23 lm/W

Electrical Parameters:

Luminaire: U=232.5V I=0.03853A P=8.96W PF=0.9709

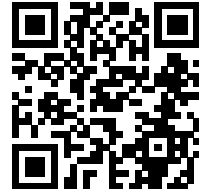
Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=19488$  (G=4, D=54)  
 REF=40349 (R=3)  $\%=-0.127\%$  PMT: 23.4 centigrade [25.3]

裸板

|                           |   |
|---------------------------|---|
| Product Type: K2700L      | Manufacturer: UCOME                           |
| Number: 1                 | Test Department: UCOME                        |
| Temperature: 25.3 deg     | Humidity: 65.0%                               |
| Test Operator: LENGYUNFEI | Test Date: 2023-10-06 09:24:56                |
| Software: V2.00.122       | Instrument: PMS-80_V1 (SN: YG107113N11110070) |

Model placed on the Union market from 05/02/2024



**EPREL registration number:** 1840968

<https://eprel.ec.europa.eu/qr/1840968>

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

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