

# 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:** 830-003

## 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):   | Yes  |
| 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  | 10                     | 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°) | 1 090 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   | 10,0                   | 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  | 0,00                   | 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, lighting control   | Height                 | 1  | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                  | 16   |   |
|  | Depth                  | 16   |   |
|  |                        |  | See image in last page  |

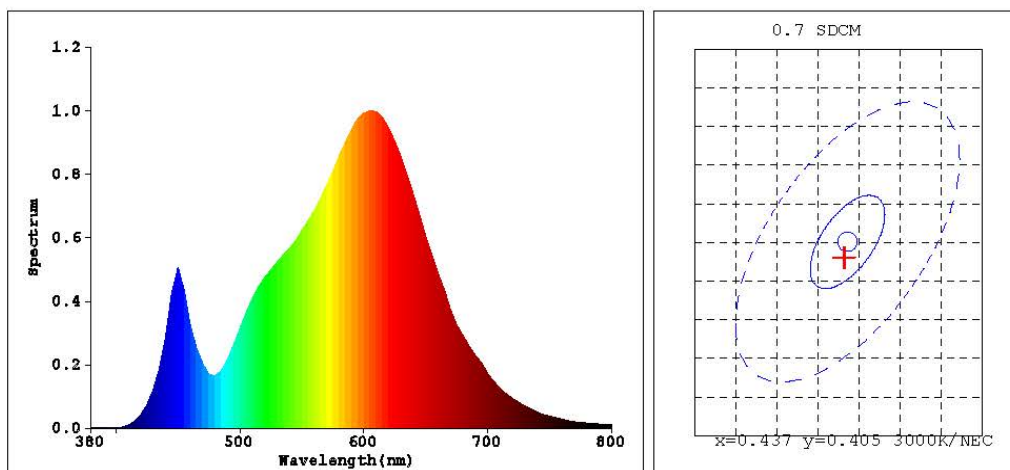
|   |      |                                    |                |
|---|------|------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) |      |                                    |                |
| Claim of equivalent power <sup>(a)</sup>                  | -    | If yes, equivalent power (W)       | -              |
|   |      | Chromaticity coordinates (x and y) | 0,436<br>0,403 |
| <b>Parameters for LED and OLED light sources:</b>         |      |                                    |                |
| R9 colour rendering index value                           | 12   | Survival factor                    | 0,98           |
| the lumen maintenance factor                              | 0,97 |                                    |                |

(a) : not applicable;

(b) : not applicable;

R2920

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate: x=0.4367 y=0.4034  
 Chromaticity Coordinate: u'=0.2507 v'=0.5211 (duv=-2.48e-04)  
 Tc=3009K Dominant WL:Ld=582.9nm Purity=52.1% Centroid WL:590.0nm  
 Ratio:R=24.8% G=73.0% B=2.1% Peak WL:Lp=605.0nm HWL:133.6nm  
 Render Index:Ra=83.6  
 R1 =82 R2 =90 R3 =97 R4 =83 R5 =82 R6 =88 R7 =84  
 R8 =62 R9 =12 R10=78 R11=82 R12=72 R13=84 R14=98 R15=75

**Photo Parameters:**

Flux: 1098.2 lm Fe: 3.3806 W Efficacy:103.9 lm/W

**Electrical Parameters:**

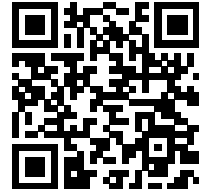
Luminaire: U=17.60V I=0.6002A P=10.57W PF=1.000

**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=19537(G=4,D=54)  
 REF=40031(R=3) %=-0.020% PMT: 21.6 centigrade [21.0]

|                          |   |
|--------------------------|---|
| Product Type:R2920       | Manufacturer:UCOME                          |
| Number:1                 | Test Department:UCOME                       |
| Temperature:25.3 deg     | Humidity:65.0%                              |
| Test Operator:LENGYUNFEI | Test Date:2021-05-11 14:59:54               |
| Software:V2.00.122       | Instrument:PMS-80_V1 (SN:YG107113N11110070) |

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



**EPREL registration number:** 1774918

<https://eprel.ec.europa.eu/qr/1774918>

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

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