

# 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:** 865-002

**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:                       | 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                                                                         | 52                     | Energy efficiency class                                                                                                                                    | G                      |
| 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°) | 1 670 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 | 2 721                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 52,0                   | 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                                                         | 92                     |
| 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) | 0,465<br>0,423 |  |
| <b>Parameters for LED and OLED light sources:</b>                     |      |                                    |                |  |
| R9 colour rendering index value                                       | 59   | Survival factor                    | 0,97           |  |
| the lumen maintenance factor                                          | 0,96 |                                    |                |  |

(a) '-': not applicable;

(b) '-': not applicable;



## Lightsource Test Report

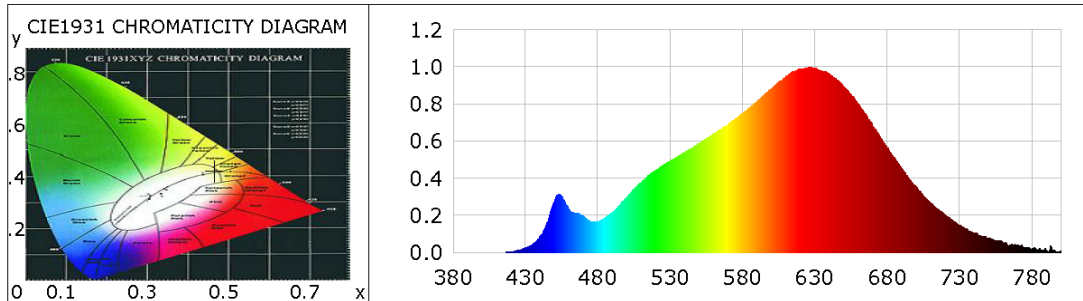
### Product Information

Product Type: 865-001

Product Number: 7

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4654$   $y=0.4232$   $u(u')=0.2604$   $v=0.3553$   $v'=0.5329$   
 CCT:  $T_c=2721K$  ( $duv=0.00412$ ) Color Ratio:  $R=0.259$   $G=0.719$   $B=0.022$   
 Peak Wavelength: 627.1nm Half Bandwidth: 154.9nm  
 Dominant Wavelength: 582.9nm Color Purity: 0.667  
 CRI:  $R_a=92.0$ ,  $avgR(1\sim14)=88.7$ ,  $avgR(1\sim15)=88.6$  TM30:  $R_f=91$ ,  $R_g=96$   
 GAI:  $GAI\_BB\_8=81.5$ ,  $GAI\_BB\_15=89.4$ ,  $GAI\_EES=40.1$   
 R1 =92 R2 =94 R3 =97 R4 =93 R5 =91 R6 =94 R7 =93 R8 =83  
 R9 =59 R10=86 R11=93 R12=77 R13=92 R14=97 R15=87  
 Color Quality Scale:  $Q_a=89.8$ ,  $Q_f=92.2$ ,  $Q_p=90.5$ ,  $Q_g=90.7$   
 Q1 =88 Q2 =95 Q3 =91 Q4 =90 Q5 =91 Q6 =91 Q7 =92 Q8 =93  
 Q9 =91 Q10=87 Q11=88 Q12=90 Q13=92 Q14=86 Q15=88



### Photometric Parameters

Luminous Flux: 1670.0 lm  
 EEI: 0.42  
 Pupil Flux: 1990.92 Plm

Efficiency: 32.39 lm/W  
 Energy Efficiency Class: B (EU 874-2012)  
 Pupil Lumens Per Watt: 38.61 Plm/W

Radiant Power: 5.839 W  
 Pupil Factor (Kp): 1.192

### Electric Parameters

Voltage: 220.90V  
 Power Factor: 0.9730

Current: 0.2400A  
 Frequency: 49.99Hz

Power: 51.56W

### Test Information

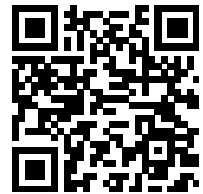
Scan Range: 380~800:1nm  
 Stabilization Time: 1 Min ALC.: 1.0000  
 Max of Signal: 51506 (3779)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4T  
 CCD Integration Time: 345.91 ms

Condition:  $T_x:34.3^{\circ}C$ ,  $T_i:32.8^{\circ}C$ , R.H.:60%  
 Test Lab: 中山市聚美灯饰照明有限公司  
 Operator: Dan

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2024-09-05 16:00:19  
 Inspector:

Model placed on the Union market from 01/03/2025



**EPREL registration number:** 2301219

<https://eprel.ec.europa.eu/qr/2301219>

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

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