

# 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:** 860-001

**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):   | Yes                        |
| Colour-tuneable light source:                       | Yes  | Envelope:                       | -                          |
| High luminance light source:                        | Yes  |                                 |                            |
| Anti-glare shield:                                  | Yes  | 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                                                                         | 10                   | 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°) | 233 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 | 2 629                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 10,0                 | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,50                   |
| Networked standby power ( $P_{\text{net}}$ ) 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                                                         | 90                     |
| 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) | 0,460<br>0,410 |  |
| <b>Parameters for LED and OLED light sources:</b>                     |      |                                    |                |  |
| R9 colour rendering index value                                       | 90   | Survival factor                    | 0,90           |  |
| the lumen maintenance factor                                          | 0,90 |                                    |                |  |

(a) '-': not applicable;

(b) '-': not applicable;

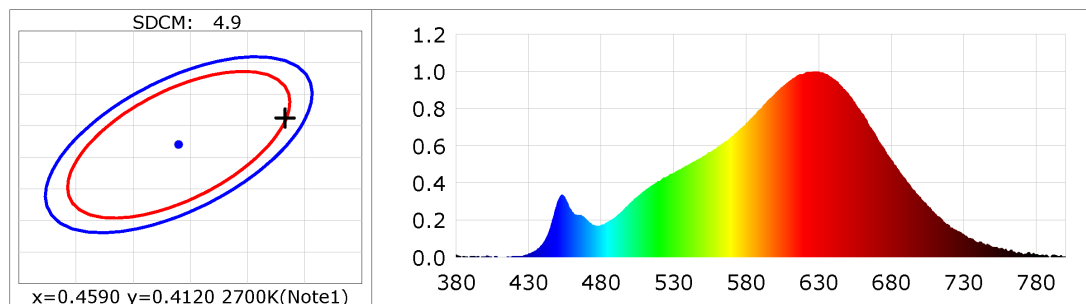
## Lightsource Test Report

### Product Information

Product Type: PE-Avatar-1001-2700K-LFD250MA-WH Product Spec: PE-Avatar-1001-2700K-LFD250MA-WH12  
Product Number: 12

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4683$   $y=0.4162$   $u(u')=0.2654$   $v=0.3538$   $v'=0.5308$   
CCT:  $T_c=2629K$  ( $duv=0.00141$ ) Color Ratio:  $R=0.270$   $G=0.707$   $B=0.023$   
Peak Wavelength: 627.2nm Half Bandwidth: 141.4nm  
Dominant Wavelength: 584.1nm Color Purity: 0.656  
Central Wave: 611.3nm Gravity Wave: 616.5nm  
CRI:  $R_a=93.2$ ,  $avgR(1\sim14)=90.6$ ,  $avgR(1\sim15)=90.4$  TM30:  $R_f=92$ ,  $R_g=97$   
GAI:  $GAI\_BB\_8=91.5$ ,  $GAI\_BB\_15=99.2$ ,  $GAI\_EES=42.4$   
 $R1=93$   $R2=97$   $R3=99$   $R4=93$   $R5=93$   $R6=97$   $R7=91$   $R8=81$   
 $R9=59$   $R10=92$   $R11=95$   $R12=83$   $R13=94$   $R14=99$   $R15=88$   $TLCI=91$   
Color Quality Scale:  $Q_a=91.1$ ,  $Q_f=93.8$ ,  $Q_p=93.0$ ,  $Q_g=92.9$   
 $Q1=88$   $Q2=94$   $Q3=91$   $Q4=90$   $Q5=91$   $Q6=92$   $Q7=93$   $Q8=94$   
 $Q9=95$   $Q10=94$   $Q11=93$   $Q12=93$   $Q13=93$   $Q14=87$   $Q15=87$



### Photometric Parameters

Luminous Flux: 233.33 lm Efficiency: 23.06 lm/W Radiant Power: 0.817 W  
Total mains efficacy: 23.06 lm/W Energy Efficiency Class: G (EU 2019/2015)  
Pupil Flux: 277.12 Plm Pupil Lumens Per Watt: 27.38 Plm/W Pupil Factor ( $K_p$ ): 1.188  
Cirtopic Flux: 487.68 lm Melanin Flux: 0.130 W M/R: 0.4619 MDER: 0.4203

### Electric Parameters

Voltage: 220.40V Current: 0.0840A Power: 10.12W  
Power Factor: 0.5490 Frequency: 49.99Hz

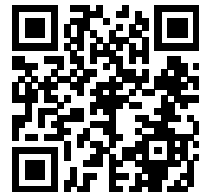
### Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T  
Max of Signal: 45007 (3871) CCD Integration Time: 781.36 ms

Condition:  $T_x:29.3^{\circ}C$ ,  $T_i:27.9^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: CMS-2S (Plus)  
Test Time: 2024-07-16 14:24:05  
Inspector:

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



**EPREL registration number:** 2298748

<https://eprel.ec.europa.eu/qr/2298748>

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

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

**Customer care service:**

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