

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: 819-001

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): | 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 |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|------------------------|--|---|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 57 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 5 837 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 | 2700...4000 |
| On-mode power (P_{on}), expressed in W | 56,4 | 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 | - | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set | 96 |
| Outer dimensions without separate control gear, light- | Height | 1 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 10 | |
| | Depth | 12 | |
| | | | See image in last page |

| | | | |
|---|------|------------------------------------|----------------|
| ing control parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,376 0,360 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 83 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,96 | | |

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

Product Infomation

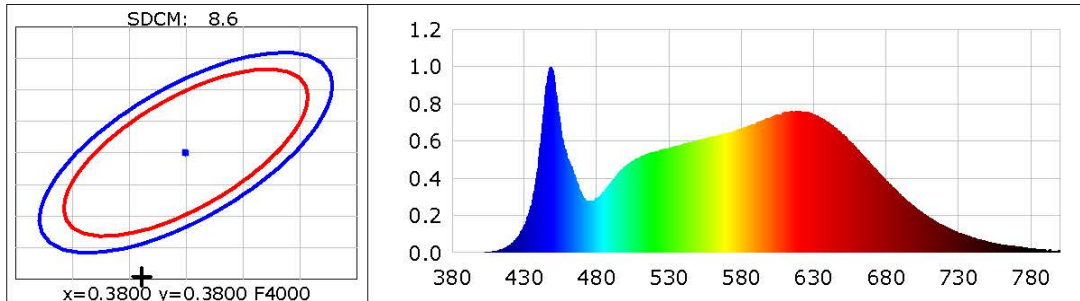
Product Type: 819-003
 Product Number: 6

Product Spec: 裸光源板

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3761$ $y=0.3603$ $u(u')=0.2289$ $v=0.3290$ $v'=0.4935$
 CCT: $T_c=3995K$ ($duv=-0.00663$) Color Ratio: $R=0.207$ $G=0.749$ $B=0.044$
 Peak Wavelength: 448.5nm Half Bandwidth: 20.8nm
 Dominant Wavelength: 583.8nm Color Purity: 0.210
 CRI: $R_a=96.0$, $avgR(1\sim14)=94.2$, $avgR(1\sim15)=94.5$ TM30: $R_f=92$, $R_g=103$
 GAI: $GAI_BB_8=110.5$, $GAI_BB_15=113.0$, $GAI_EES=87.1$

| | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|
| R1 =98 | R2 =98 | R3 =96 | R4 =96 | R5 =98 | R6 =95 | R7 =95 | R8 =93 |
| R9 =83 | R10=95 | R11=95 | R12=83 | R13=98 | R14=97 | R15=98 | |
| Color Quality Scale: $Q_a=93.1$, $Q_f=91.4$, $Q_p=96.5$, $Q_g=102.8$ | | | | | | | |
| Q1 =96 | Q2 =98 | Q3 =86 | Q4 =89 | Q5 =95 | Q6 =95 | Q7 =93 | Q8 =97 |
| Q9 =97 | Q10=93 | Q11=93 | Q12=93 | Q13=94 | Q14=94 | Q15=95 | |



Photometric Parameters

| | | |
|--------------------------|---|--------------------------|
| Luminous Flux: 5836.9 lm | Efficiency: 103.58 lm/W | Radiant Power: 20.851 W |
| EEI: 0.13 | Energy Efficiency Class: A+ (EU 874-2012) | |
| Pupil Flux: 9334.24 Plm | Pupil Lumens Per Watt: 165.64 Plm/W | Pupil Factor (Kp): 1.599 |

Electric Parameters

| | | |
|----------------------|-------------------|---------------|
| Voltage: 23.999V | Current: 2.3482A | Power: 56.35W |
| Power Factor: 1.0000 | Frequency: 0.00Hz | |

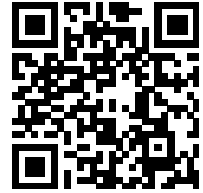
Test Infomation

| | |
|--|---|
| Scan Range: 380~800:1nm | Photometric Method: sphere-spectroradiometer |
| Stabilization Time: 1 Min ALC.: 1.0000 | Photometric Condition: Sphere diameter: 1.50m, 4T |
| Max of Signal: 44088 (2614) | CCD Integration Time: 44.30 ms |

Condition: Tx:30.4'C, Ti:31.0'C, R.H.:60%
 Test Lab:
 Operator: CHEN

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2023-09-21 08:53:45
 Inspector:

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



EPREL registration number: 1950941

<https://eprel.ec.europa.eu/qr/1950941>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

Website: www.loom-design.com

Email: mail@lampefeber.com

Phone: +4586361722

Address:

Lilleringvej 30
8462 Harlev
Denmark