

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: 805-011

Type of light source:

| | | | |
|-----------------------------------------------------|------|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | SMD | | |
| 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: | Yes |

Product parameters

| Parameter | Value | Parameter | Value |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 24 | Energy efficiency class | E |
| 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°) | 2 900 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 | 2 733 |
| On-mode power (P_{on}), expressed in W | 24,0 | 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 | - | 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, lighting control | Height | 450 | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
| | Width | 450 | |
| | Depth | 3 | |
| | | | See image in last page |

| | | | |
|-----------------------------------------------------------|------|------------------------------------|----------------|
| parts and non-lighting control parts, if any (millimetre) | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,451 0,400 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 65 | Survival factor | 0,90 |
| the lumen maintenance factor | 0,96 | | |

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report

Sample : Downlight Date : 2021-08-26 10:06:09
Specification : LUCIA 450-C-26W-927 Sam. Status :
Sample No. : RP-210398-8 Instrument : HAAS-2000(EVERFINE)
Manufacturer : V Test by : hanyu YI

Test Condition

Temperature : 25.3Deg RH : 65.0%
WL Range : 380nm-780nm IP : 52450 (80%)
Test Mode : Fast Test T : 94 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4515$ $y = 0.4003$ / $u' = 0.2617$ $v' = 0.5221$ ($duv = -3.15e-03$)

CCT= 2738K Prcp WL: Ld=585.1nm Purity=55.7%

Peak WL: Lp=624nm FWHM: =135.9nm Ratio:R=26.7% G=70.0% B=3.3%

Render Index: Ra = 92.2

R1 =97 R2 =97 R3 =93 R4 =93 R5 =96 R6 =92 R7 =88

R8 =81 R9 =65 R10=95 R11=95 R12=81 R13=99 R14=97 R15=92

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 3031.9 lm Eff. : 132.33 lm/W Fe = 10.849 W

Electrical parameters

V = 32.74 V I = 0.6999 A P = 22.91 W PF = 1.000 F=0.00 Hz

E-LITE LIGHTING Co.,Ltd.

Model placed on the Union market from 08/02/2021



EPREL registration number: 1115254

<https://eprel.ec.europa.eu/qr/1115254>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

Website:

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