

# 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:** Lampefeber, Lilleringvej 30, 8462 Aarhus Harlev, DK

**Model identifier:** 805-001

## 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   |
|--|------------------------|--|---|
| <b>General product parameters:</b>   |                        |  |   |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 16                     | Energy efficiency class  | E   |
| 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°) | 2 000 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   | 16,0                   | 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 <sup>(a)</sup>                  | -    | If yes, equivalent power (W)       | -              |
|   |      | Chromaticity coordinates (x and y) | 0,452<br>0,401 |
| <b>Parameters for LED and OLED light sources:</b>         |      |                                    |                |
| R9 colour rendering index value                           | 64   | Survival factor                    | 0,90           |
| the lumen maintenance factor                              | 0,96 |                                    |                |

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report

Sample : Downlight  
Specification : LUCIA 350-C-18W-927  
Sample No. : RP-210398-10  
Manufacturer : V  
Date : 2021-08-26 10:09:06  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by : hanyu YI

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test  
RH : 65.0%  
IP : 53193 (81%)  
T : 122 ms  
Sensitivity : High

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4527$   $y = 0.4019$  /  $u' = 0.2618$   $v' = 0.5229$  ( $duv = -2.65e-03$ )

CCT= 2733K Prcp WL: Ld=585.0nm Purity=56.5%

Peak WL: Lp=626nm FWHM: =136.1nm Ratio:R=26.7% G=70.1% B=3.2%

Render Index: Ra = 92.3

R1 =96 R2 =98 R3 =94 R4 =92 R5 =96 R6 =93 R7 =88

R8 =81 R9 =64 R10=97 R11=95 R12=82 R13=98 R14=97 R15=91

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

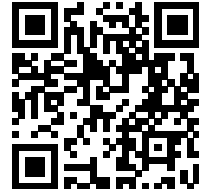
Flux = 2364.3 lm Eff. : 144.69 lm/W Fe = 8.4221 W

### Electrical parameters

V = 32.68 V I = 0.5000 A P = 16.34 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:** 1110830

<https://eprel.ec.europa.eu/qr/1110830>

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

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