

# 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:** 837-001

## 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
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	36	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°)	4 703 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	36,0	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	82
Outer dimensions without separate control gear, light-	Height	3 435	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	170	
	Depth	170	
			See image in last page

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)	0,438 0,402
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	5	Survival factor	1,00
the lumen maintenance factor	0,52		

(a) : not applicable;

(b) : not applicable;

## Lightsource Test Report

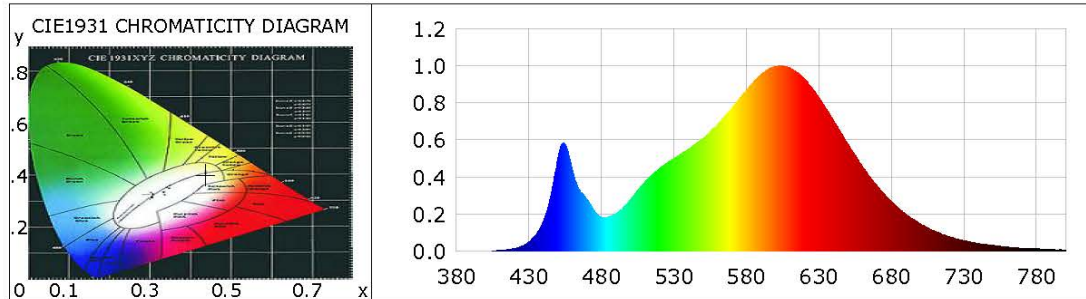
### Product Information

Product Number: AP9367-1A

Submitted Unit:

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4380$   $y=0.4029$   $u(u')=0.2518$   $v=0.3474$   $v'=0.5211$   
 CCT:  $T_c=2972K$  ( $duv=-0.00061$ )      Color Ratio:  $R=0.230$   $G=0.745$   $B=0.025$   
 Peak Wavelength: 603.4nm      Half Bandwidth: 126.5nm  
 Dominant Wavelength: 583.2nm      Color Purity: 0.524  
 CRI:  $R_a=81.7$       TM30:  $R_f=83$ ,  $R_g=95$   
 GAI:  $GAI\_BB\_8=94.2$ ,  $GAI\_BB\_15=102.9$ ,  $GAI\_EES=53.4$   
 R1 =80    R2 =91    R3 =96    R4 =79    R5 =80    R6 =89    R7 =81    R8 =58  
 R9 =5    R10=78    R11=77    R12=67    R13=83    R14=99    R15=73  
 Color Quality Scale:  $Q_a=81.3$ ,  $Q_f=82.8$ ,  $Q_p=82.7$ ,  $Q_g=91.0$   
 Q1 =78    Q2 =95    Q3 =81    Q4 =77    Q5 =80    Q6 =82    Q7 =82    Q8 =85  
 Q9 =96    Q10=89    Q11=85    Q12=83    Q13=82    Q14=71    Q15=74



### Photometric Parameters

Luminous Flux: 4703.0 lm      Efficiency: 124.75 lm/W      Radiant Power: 14.215 W  
 EEI: 0.11      Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 219.10V      Current: 0.1780A      Power: 37.70W  
 Power Factor: 0.9620      Frequency: 50.02Hz

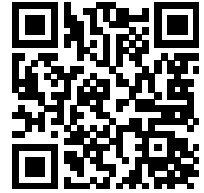
### Test Information

Scan Range: 380~800:1nm      Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 ms    ALC.: 1.0000      Photometric Condition: Sphere diameter: 1.00m, 4T  
 Max of Signal: 44851 (3365)      CCD Integration Time: 40.08 ms

Condition: Tx:28.3°C, Ti:0.0°C, R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2023-09-16 10:44:06  
 Inspector:

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



**EPREL registration number:** 1950212

<https://eprel.ec.europa.eu/qr/1950212>

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

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

**Customer care service:**

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