

# 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:** 807-001

## 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:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## 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	9	Energy efficiency class	F
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°)	910 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	9,0	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	83
Outer dimensions without separate control gear, lighting control	Height	1	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	Depth	11	
			See image in last page

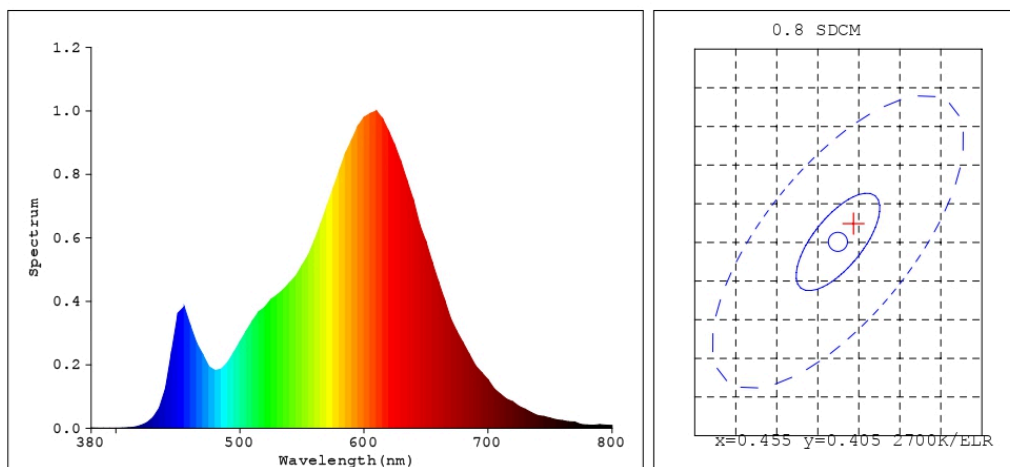
parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,460 0,403
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	12	Survival factor	0,98
the lumen maintenance factor	0,97		

(a) : not applicable;

(b) : not applicable;

**R4230**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4566$   $y=0.4069$   
 Chromaticity Coordinate:  $u'=0.2621$   $v'=0.5254$  ( $duv=-1.11e-03$ )  
 Tc=2713K Dominant WL:Ld=582.7nm Purity=52.2% Centroid WL:590.0nm  
 Ratio:R=24.3% G=73.9% B=1.8% Peak WL:Lp=605.0nm HWL:137.7nm  
 Render Index:Ra=81.0  
 R1 =79 R2 =87 R3 =94 R4 =81 R5 =79 R6 =83 R7 =84  
 R8 =61 R9 =8 R10=70 R11=80 R12=67 R13=81 R14=96 R15=73

**Photo Parameters:**

Flux: 915.80 lm Fe: 1.5588 W Efficacy:99.20 lm/W

**Electrical Parameters:**

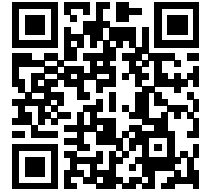
Luminaire: U=13.19V I=0.7001A P=9.232W PF=1.000

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=29856(G=5,D=59)  
 REF=18500(R=3) %=-0.071% PMT: 28.1 centigrade [26.5]

Product Type:R4230	Manufacturer:UCOME
Number:1	Test Department:UCOME
Temperature:25.3 deg	Humidity:65.0%
Test Operator:LENGYUNFEI	Test Date:2021-10-15 18:26:38
Software:V2.00.122	Instrument:PMS-80_V1 (SN:YG107113N11110070)

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



**EPREL registration number:** 1118271

<https://eprel.ec.europa.eu/qr/1118271>

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

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