

# 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:** 830-001

## 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	10	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°)	1 090 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	10,0	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	0,00	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
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	16	
	Depth	16	
			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)	0,436 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;

**R2920**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4367$   $y=0.4034$   
 Chromaticity Coordinate:  $u'=0.2507$   $v'=0.5211$  ( $duv=-2.48e-04$ )  
 $Tc=3009K$  Dominant WL:  $Ld=582.9nm$  Purity=52.1% Centroid WL: 590.0nm  
 Ratio: R=24.8% G=73.0% B=2.1% Peak WL:  $Lp=605.0nm$  HWL: 133.6nm  
 Render Index:  $Ra=83.6$   
 R1 =82 R2 =90 R3 =97 R4 =83 R5 =82 R6 =88 R7 =84  
 R8 =62 R9 =12 R10=78 R11=82 R12=72 R13=84 R14=98 R15=75

**Photo Parameters:**

Flux: 1098.2 lm Fe: 3.3806 W Efficacy: 103.9 lm/W

**Electrical Parameters:**

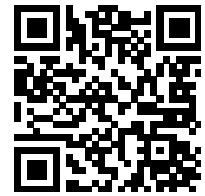
Luminaire: U=17.60V I=0.6002A P=10.57W PF=1.000

**Instrument Status:**

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]  $I_p=19537(G=4,D=54)$   
 REF=40031 (R=3) %=-0.020% PMT: 21.6 centigrade [21.0]

Product Type: R2920	Manufacturer: UCOME
Number: 1	Test Department: UCOME
Temperature: 25.3 deg	Humidity: 65.0%
Test Operator: LENGYUNFEI	Test Date: 2021-05-11 14:59:54
Software: V2.00.122	Instrument: PMS-80_V1 (SN: YG107113N11110070)

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



**EPREL registration number:** 1118285

<https://eprel.ec.europa.eu/qr/1118285>

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

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