

# 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:** 810-001

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	R6490		
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	G
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°)	915 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	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	-	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, lighting control	Height	15	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	133	
	Depth	133	
			See image in last page

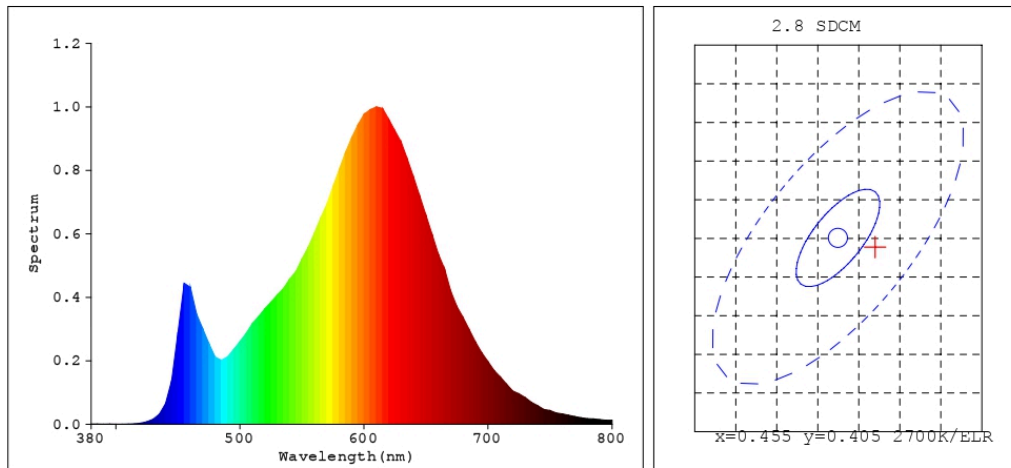
parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,451 0,400
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	13	Survival factor	0,97
the lumen maintenance factor	0,98		

(a) : not applicable;

(b) : not applicable;

**R6490**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4589$   $y=0.4040$   
 Chromaticity Coordinate:  $u'=0.2648$   $v'=0.5247$  ( $duv=-2.36e-03$ )  
 Tc=2722K Dominant WL:Ld=582.9nm Purity=51.1% Centroid WL:589.0nm  
 Ratio:R=24.7% G=73.1% B=2.2% Peak WL:Lp=610.0nm HWL:134.0nm  
 Render Index:Ra=83.8  
 R1 =82 R2 =91 R3 =97 R4 =83 R5 =83 R6 =89 R7 =84  
 R8 =62 R9 =12 R10=79 R11=83 R12=73 R13=84 R14=99 R15=75

**Photo Parameters:**

Flux: 916.78 lm Fe: 2.8151 W Efficacy:96.08 lm/W

**Electrical Parameters:**

Luminaire: U=27.27V I=0.3499A P=9.541W PF=1.000

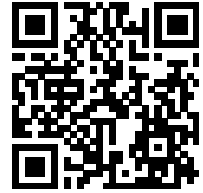
*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=58016(G=5,D=60)  
 REF=33429(R=3) %=-0.045% PMT: 29.1 centigrade [26.8]

Product Type:R6490  
 Number:1  
 Temperature:25.3 deg  
 Test Operator:LENGYUNFEI  
 Software:V2.00.122

Manufacturer:UCOME  
 Test Department:UCOME  
 Humidity:65.0%  
 Test Date:2021-10-14 14:40:26  
 Instrument:PMS-80\_V1 (SN:YG107113N11110070)

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



**EPREL registration number:** 1118188

<https://eprel.ec.europa.eu/qr/1118188>

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

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**Customer care service:**

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