

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: 814-002

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	430 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	5,0	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

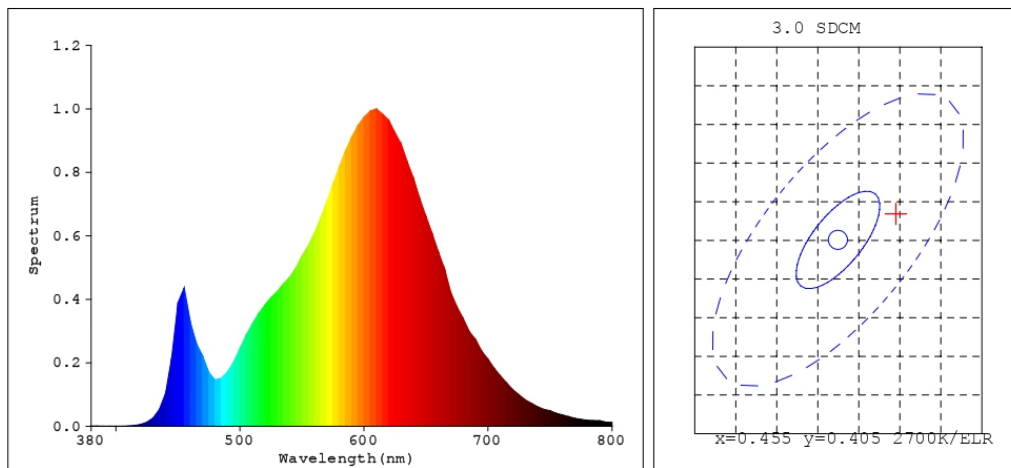
parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,459 0,405	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13	Survival factor	0,98	
the lumen maintenance factor	0,97			

(a) : not applicable;

(b) : not applicable;

R1710-700

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4611$ $y=0.4077$ Chromaticity Coordinate: $u'=0.2646$ $v'=0.5264$ ($duv=-1.17e-03$)

Tc=2726K Dominant WL:Ld=582.6nm Purity=51.9% Centroid WL:590.0nm

Ratio: R=24.6% G=73.2% B=2.1% Peak WL:Lp=605.0nm HWL:135.6nm

Render Index: Ra=83.7

R1 =82 R2 =90 R3 =97 R4 =83 R5 =82 R6 =88 R7 =85

R8 =62 R9 =12 R10=78 R11=83 R12=72 R13=84 R14=98 R15=75

Photo Parameters:

Flux: 437.91 lm Fe: 1.3459 W Efficacy: 93.36 lm/W

Electrical Parameters:

Luminaire: U=9.383V I=0.4999A P=4.691W PF=1.000

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]

REF=16023(R=3)

%=-0.006%

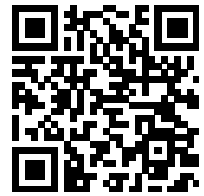
Ip=29073(G=5,D=55)

PMT: 22.1 centigrade [22.0]

Product Type: R1710-700
Number: 1
Temperature: 25.3 deg
Test Operator: LENGYUNFEI
Software: V2.00.122

Manufacturer: UCOME
Test Department: UCOME
Humidity: 65.0%
Test Date: 2021-05-07 18:22:59
Instrument: PMS-80_V1 (SN: YG107113N11110070)

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



EPREL registration number: 1774903

<https://eprel.ec.europa.eu/qr/1774903>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

Website: www.loom-design.com

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