

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: 826-002

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	CLS		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	16	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°)	511 in Wide cone (120°)	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	16,0	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	93
Outer dimensions without separate control gear, lighting control	Height	1 900	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	350	
	Depth	350	
			See image in last page

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 0,413
Parameters for directional light sources:			
Peak luminous intensity (cd)	191	Beam angle in degrees, or the range of beam angles that can be set	36
Parameters for LED and OLED light sources:			
R9 colour rendering index value	60	Survival factor	0,96
the lumen maintenance factor	0,90		

(a): not applicable;

(b): not applicable;

Lightsources Test Report

Product Information

Product Category: UFO SP1
Product Number: 162

Product Type: UFO SP1 可移球
Submitted Unit: MERLONG

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4593$ $y=0.4130$ $u(u')=0.2611$ $v=0.3521$ $v'=0.5282$
 CCT: $T_c=2727K$ ($duv=0.00092$) Color Ratio: $R=0.261$ $G=0.715$ $B=0.024$
 Peak Wavelength: 435.7nm Half Bandwidth: 148.5nm
 Dominant Wavelength: 583.8nm Color Purity: 0.618
 CRI: $R_a=93.0$ TM30: $R_f=92$ $R_g=99$
 R1 =93 R2 =96 R3 =99 R4 =94 R5 =93 R6 =96 R7 =92 R8 =82
 R9 =60 R10=91 R11=95 R12=84 R13=94 R14=98 R15=89
 Color Quality Scales: $Q_m=91.5$ $Q_f=93.7$ $Q_r=93.2$ $Q_g=94.7$
 Q1 =89 Q2 =95 Q3 =91 Q4 =90 Q5 =92 Q6 =93 Q7 =93 Q8 =93
 Q9 =97 Q10=95 Q11=94 Q12=93 Q13=93 Q14=87 Q15=88



Photometric Parameters

Luminous Flux: 511.57 lm Efficiency: 25.72 lm/W Radiant Power: 1.800 W
 EEC: 0.44 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

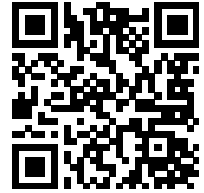
Voltage: 220.00V Current: 0.0990A Power: 19.89W
 Power Factor: 0.9170 Frequency: 50.00Hz

Test Information

Scan Range: 380-800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 411
 Max of Signal: 52065 (3701) CCD Integration Time: 409.49 ms

Condition: Tx:31.5°C, Tl:30.3°C, R.H.:60% Test Device: Inventime CMS-2S (Plus)
 Test Lab: Test Time: 2022-07-27 11:45:47
 Operator: yg Inspector:

Model placed on the Union market from 01/02/2023



EPREL registration number: 1526870

<https://eprel.ec.europa.eu/qr/1526870>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

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