

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: 816-001

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	COB		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
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	12	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°)	650 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	12,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
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	90
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	1 900	
	Depth	400	
			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)	0,433 0,403
Parameters for directional light sources:			
Peak luminous intensity (cd)	12	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	87	Survival factor	0,90
the lumen maintenance factor	0,96		

(a): not applicable;

(b): not applicable;

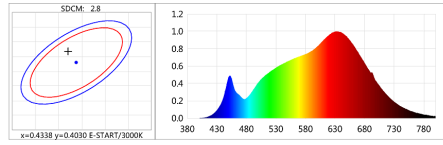
光源光色测试报告

产品信息

产品种类: 小号LED灯杯 产品型号: 慕思 小号
产品编号: 030

色度参数

色品坐标: $x=0.4320$ $y=0.4068$ $u(u')=0.2463$ $v=0.3478$ $v'=0.5217$
 相关色温: $T_c=3107K$ ($duv=0.00180$) 色比: $R=0.240$ $G=0.731$ $B=0.030$
 峰波波长: $632.0nm$ 半宽: $181.2nm$ 主波长: $581.7nm$ 色纯度: 0.518
 显色指数: $Ra=96.9$ TM30: $Rf=95$ $Rg=101$
 R1=98 R2=97 R3=95 R4=98 R5=97 R6=96 R7=98 R8=95
 R9=87 R10=92 R11=98 R12=83 R13=97 R14=96 R15=96
 颜色质量指数: $Qm=95.3$ $Qr=96.5$ $Qg=96.9$ $Qb=97.9$
 Q1=95 Q2=97 Q3=92 Q4=93 Q5=96 Q6=95 Q7=95 Q8=97
 Q9=97 Q10=96 Q11=96 Q12=96 Q13=97 Q14=95 Q15=95



光通参数

光通量: $649.81lm$ 光效: $59.29lm/W$ 光通效率: $2.389W$
 能效指数(EER): 0.20 能效等级: A (EU 874-2012)

电参数

电压: $220.00V$ 电流: $0.0940A$ 功率: $10.96W$ 功率因数: 0.5290 频率: $49.99Hz$

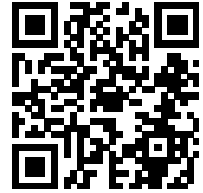
测试信息

光源规格: $360-8001nm$ 光度测量仪器: sphere-spectroradiometer
 曝光时间: $0.5sec$ 光度测量条件: sphere diameter: $1.50m$, 4°
 信号最大值: $46665(2476)$ 积分时间: $329.30ms$

测试环境: $Tx:17.3^\circ C$, $Tl:16.1^\circ C$, R.H.:60%
 测试单位: 测试员: yg

测试设备: 创想仪器 CMS-25 (Plus)
 测试时间: 2022-02-25 13:52:42
 核 验:

Model placed on the Union market from 01/06/2023



EPREL registration number: 1517678

<https://eprel.ec.europa.eu/qr/1517678>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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