

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: 870-020

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

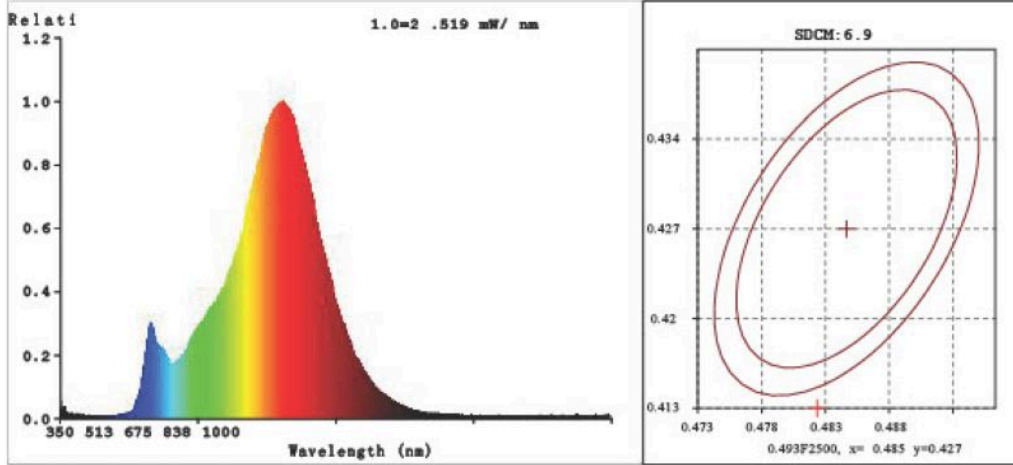
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	20	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 080 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	2 500
On-mode power (P_{on}), expressed in W	17,6	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	80
Outer dimensions without separate control gear, lighting control	Height	70	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	18	
	Depth	18	
			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)	0,485 0,427
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	1,00
the lumen maintenance factor	0,97		

(a) : not applicable;

(b) : not applicable;

Light source spectral test report



color parameter:

Color coordinates: $x = 0.4827y=0.4129/u = 0.2763v = 0.5317$

Related color temperature: CCT = 2427 K (color difference Duv = -0.0005) Main wavelength: $\lambda_d = 585.9$ nm Color purity: Purity=68.9% Color ratio: R=27.9%G=69.9%B=2.2% Peak wavelength: $\lambda_p = 614.5$ nm half peak bandwidth: FWHM = 107.6 nm

Color development index: Ra = 82.4 Avg R = 78.2 mean wavelength Lav = 603.7 nm

R1=82 R2=95 R3=91 R4=79 R5=83 R6=95 R7=79
R8=56 R9=11 R10=88 R11=79 R12=81 R13=85 R14=96 R15=74

Photometric parameters:

Optical flux $\Phi_v = 104.8$ lm Light efficiency: 118.03 lm/W radiation flux $\Phi_e = 339.1$ mW

electrical parameter:

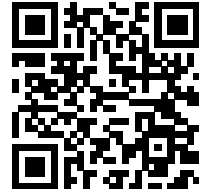
Voltage V= 23.999 V Current I= 0.03700 A Power P= 0.8880 W Power factor PF = 1.000
Grade: OUT

Instrument status: integration time T= 2287 ms Ip=
4854 8 (74%) GBT5702

product model:
tester:
Ambient temperature:
25.3°C
Manufacturer: IBRIGHT

Product number: 24V 37 MA PATENTED LED BULB-2500K
Test date: 2024-12-1118:16:41
Ambient humidity: 65.0%
remarks:

Model placed on the Union market from 11/12/2024



EPREL registration number: 2219850

<https://eprel.ec.europa.eu/qr/2219850>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

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