

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: MJ-1002W

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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:	No	Dimmable:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	13	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°)	882 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	2 733
On-mode power (P_{on}), expressed in W	13,0	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	90
Outer dimensions without separate control gear, light-	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,463 0,420	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	91	Survival factor	0,90	
the lumen maintenance factor	0,95			

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

Product Information

Product Type: mj-1002w

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4597$ $y=0.4145$ $u(u')=0.2606$ $v=0.3525$ $v'=0.5288$

CCT: $T_c=2733K$ ($duv=0.00147$)

Color Ratio: $R=0.268$ $G=0.707$ $B=0.025$

Peak Wavelength: 636.3nm

Half Bandwidth: 156.2nm

Dominant Wavelength: 583.6nm

Color Purity: 0.624

Central Wave: 616.7nm

Gravity Wave: 623.1nm

CRI: $R_a=98.3$

TM30: $R_f=96$, $R_g=100$

GAI: $GAI_BB_8=95.3$, $GAI_BB_15=100.1$, $GAI_EES=47.3$

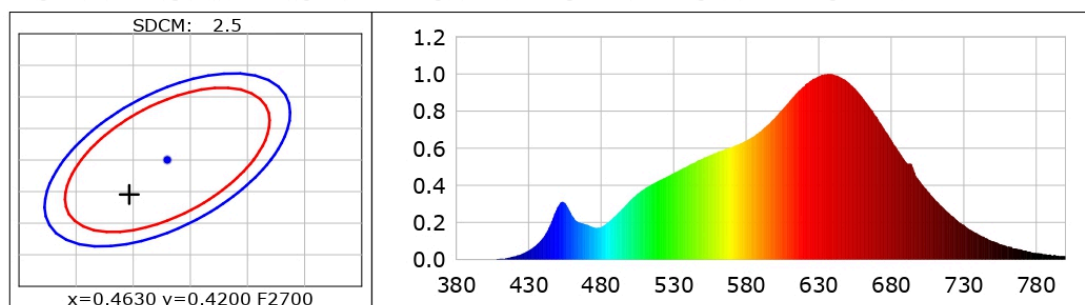
$R1=100$ $R2=99$ $R3=96$ $R4=99$ $R5=100$ $R6=99$ $R7=99$ $R8=97$

$R9=91$ $R10=96$ $R11=96$ $R12=89$ $R13=100$ $R14=97$ $R15=98$

Color Quality Scale: $Q_a=95.2$, $Q_f=97.3$, $Q_p=97.5$, $Q_g=96.9$

$Q1=94$ $Q2=96$ $Q3=94$ $Q4=95$ $Q5=97$ $Q6=96$ $Q7=97$ $Q8=97$

$Q9=95$ $Q10=94$ $Q11=94$ $Q12=95$ $Q13=96$ $Q14=96$ $Q15=95$



Photometric Parameters

Luminous Flux: 882.35 lm

Efficiency: 68.83 lm/W

Radiant Power: 3.363 W

Total mains efficacy: 80.94 lm/W

Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 219.20V

Current: 0.0610A

Power: 12.82W

Power Factor: 0.9570

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec ALC.: 1.0000

Max of Signal: 45885 (2411)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 367.39 ms

Condition: $T_x:19.7^{\circ}C$, $T_i:19.4^{\circ}C$, R.H.:60%

Test Lab:

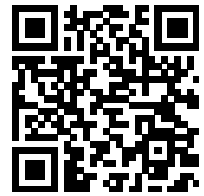
Operator:

Test Device: CMS-2S (Plus)

Test Time: 2021-12-23 10:24:18

Inspector:

Model placed on the Union market from 15/02/2021



EPREL registration number: 1179529

<https://eprel.ec.europa.eu/qr/1179529>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

Website:

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Phone: 4586361722

Address:

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