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: 860-004

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:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	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	10	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	233 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	2 629
On-mode power (P_{on}), expressed in W	10,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
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	90
Outer dimensions without separate control gear, light-	Height: 278 Width: 133 Depth: 133	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page

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)	0,460 0,410
Parameters for LED and OLED light sources:				
R9 colour rendering index value		90	Survival factor	0,90
the lumen maintenance factor		0,90		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

杭州创惠仪器有限公司
http://www.inventfine.com.cn
86-571-88091262
86-571-88262100

Lightsource Test Report

Product Infomation

Product Type: PE-Avatar-1001-2700K-LFD250MA-WH Product Spec: PE-Avatar-1001-2700K-LFD250MA-WH12
Product Number: 12

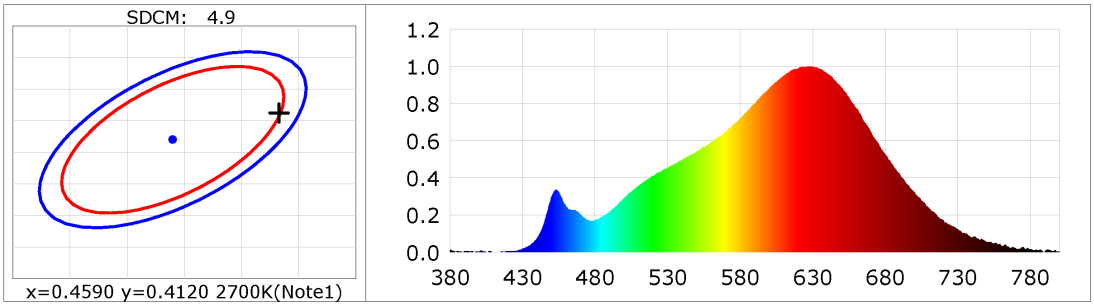
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4683 y=0.4162 u(u')=0.2654 v=0.3538 v'=0.5308
CCT: Tc=2629K (duv=0.00141) Color Ratio: R=0.270 G=0.707 B=0.023
Peak Wavelength: 627.2nm Half Bandwidth: 141.4nm
Dominant Wavelength: 584.1nm Color Purity: 0.656
Central Wave: 611.3nm Gravity Wave: 616.5nm
CRI: Ra= 93.2, avgR(1~14)= 90.6, avgR(1~15)= 90.4 TM30: Rf= 92, Rg= 97
GAI: GAI_BB_8=91.5, GAI_BB_15=99.2, GAI_EES=42.4

R1 =93	R2 =97	R3 =99	R4 =93	R5 =93	R6 =97	R7 =91	R8 =81
R9 =59	R10=92	R11=95	R12=83	R13=94	R14=99	R15=88	TLCI=91

Color Quality Scale: Qa= 91.1, Qf= 93.8, Qp= 93.0, Qg= 92.9

Q1 =88	Q2 =94	Q3 =91	Q4 =90	Q5 =91	Q6 =92	Q7 =93	Q8 =94
Q9 =95	Q10=94	Q11=93	Q12=93	Q13=93	Q14=87	Q15=87	



Photometric Parameters

Luminous Flux: 233.33 lm Efficiency: 23.06 lm/W Radiant Power: 0.817 W
Total mains efficacy: 23.06 lm/W Energy Efficiency Class: G (EU 2019/2015)
Pupil Flux: 277.12 Plm Pupil Lumens Per Watt: 27.38 Plm/W Pupil Factor (Kp): 1.188
Cirtopic Flux: 487.68 lm Melanin Flux: 0.130 W M/R: 0.4619 MDER: 0.4203

Electric Parameters

Voltage: 220.40V Current: 0.0840A Power: 10.12W
Power Factor: 0.5490 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 45007 (3871) CCD Integration Time: 781.36 ms

Condition: Tx:29.3'C, Ti:27.9'C, R.H.:60% Test Device: CMS-2S (Plus)
Test Lab: Test Time: 2024-07-16 14:24:05
Operator: Inspector:

Model placed on the Union market from 01/03/2025

EPREL registration number: 2305566

https://eprel.ec.europa.eu/qr/2305566

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

Website: www.loom-design.com

Email: mail@lampefeber.com

Phone: +4586361722

Address:
Lilleringvej 30
8462 Harlev
Denmark