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: 863-001

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	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	8	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)	495 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	8,0	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	-	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: 75	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 100		
	Depth: 63		

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 directional light sources:				
Peak luminous intensity (cd)		8	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		90	Survival factor	0,90
the lumen maintenance factor		0,80		

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

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

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Lightsource Test Report

Product Infomation

Product Type: WA-IDA-0801-2700K-36D-WH　　Product Spec: WA-IDA-0801-2700K-36D-WH
Product Number: 15

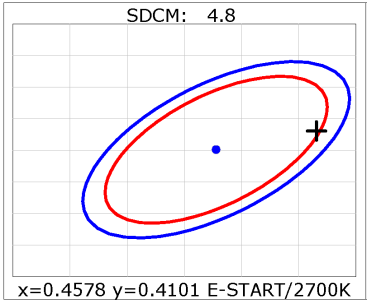
CIE Colorimetric Parameters

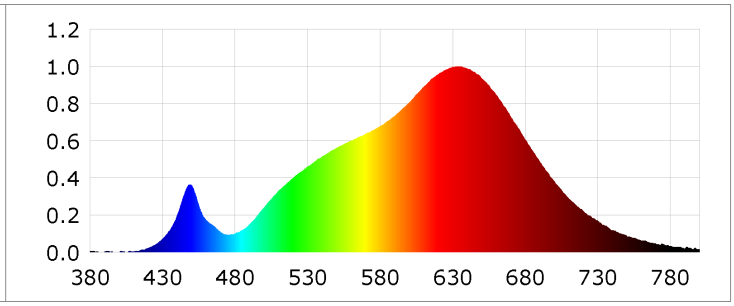
Chromaticity coordinates: x=0.4666 y=0.4131　u(u')=0.2657 v=0.3529 v'=0.5293
CCT: Tc=2628K (duv=0.00039)　　Color Ratio: R=0.270 G=0.712 B=0.018
Peak Wavelength: 635.8nm　　Half Bandwidth: 151.8nm
Dominant Wavelength: 584.5nm　　Color Purity: 0.640
Central Wave: 613.0nm　　Gravity Wave: 620.6nm
CRI: Ra= 92.5, avgR(1~14)= 89.7, avgR(1~15)= 89.9　　TM30: Rf= 90, Rg= 103
GAI: GAI_BB_8=101.4, GAI_BB_15=104.6, GAI_EES=47.0

R1 =94	R2 =94	R3 =91	R4 =94	R5 =92	R6 =92	R7 =94	R8 =89
R9 =72	R10=84	R11=94	R12=79	R13=94	R14=94	R15=92	TLCI=86

Color Quality Scale: Qa= 89.0, Qf= 90.5, Qp= 93.4, Qg= 98.8

Q1 =87	Q2 =96	Q3 =86	Q4 =88	Q5 =88	Q6 =84	Q7 =85	Q8 =91
Q9 =95	Q10=91	Q11=92	Q12=93	Q13=94	Q14=89	Q15=88	





Photometric Parameters

Luminous Flux: 494.71 lm　　Efficiency: 48.26 lm/W　　Radiant Power: 1.820 W
Total mains efficacy: 48.26 lm/W　　Energy Efficiency Class: G (EU 2019/2015)
Pupil Flux: 568.76 Plm　　Pupil Lumens Per Watt: 55.49 Plm/W　　Pupil Factor (Kp): 1.150
Cirtopic Flux: 960.75 lm　　Melanin Flux: 0.254 W　M/R: 0.4280　　MDER: 0.3894

Electric Parameters

Voltage: 220.70V　　Current: 0.0470A　　Power: 10.25W
Power Factor: 0.9850　　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: 50112 (3279)　　CCD Integration Time: 417.84 ms

Condition: Tx:28.7'C, Ti:26.1'C, R.H.:60%　　Test Device: CMS-2S (Plus)
Test Lab:　　Test Time: 2024-08-21 09:59:27
Operator:　　Inspector:

Model placed on the Union market from 28/03/2025

EPREL registration number: 2315059

https://eprel.ec.europa.eu/qr/2315059

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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