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: 862-003

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:	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)	507 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	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	-	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: 105	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 80		
	Depth: 80		

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)		507	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;

杭州创惠仪器有限公司
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Lightsource Test Report

Product Infomation

Product Type: SU-STAR-1203-BRI2790(V6)-EAG250MA-36DC-WH Number: 212

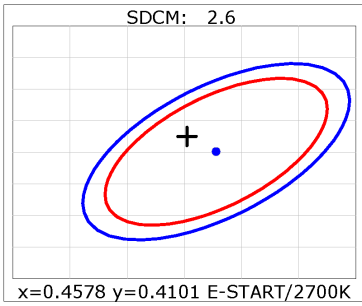
CIE Colorimetric Parameters

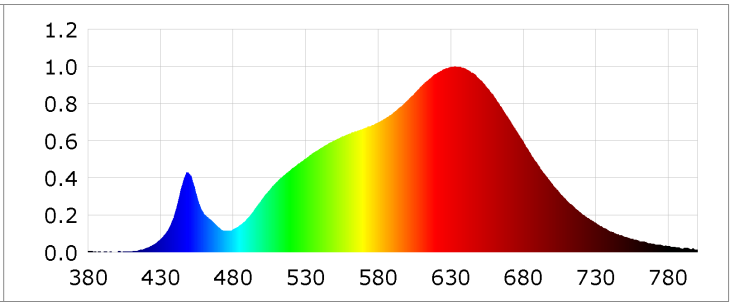
Chromaticity coordinates: x=0.4552 y=0.4125 u(u')=0.2587 v=0.3516 v'=0.5274
CCT: Tc=2781K (duv=0.00113) Color Ratio: R=0.258 G=0.721 B=0.020
Peak Wavelength: 632.8nm Half Bandwidth: 157.9nm
Dominant Wavelength: 583.4nm Color Purity: 0.605
Central Wave: 608.5nm Gravity Wave: 616.6nm
CRI: Ra= 93.1, avgR(1~14)= 90.4, avgR(1~15)= 90.5 TM30: Rf= 91, Rg= 103
GAI: GAI_BB_8=98.5, GAI_BB_15=102.4, GAI_EES=50.3

R1 =95	R2 =94	R3 =91	R4 =95	R5 =93	R6 =92	R7 =95	R8 =90
R9 =75	R10=84	R11=95	R12=78	R13=94	R14=94	R15=93	TLCI=90

Color Quality Scale: Qa= 90.7, Qf= 92.0, Qp= 94.0, Qg= 98.7

Q1 =90	Q2 =97	Q3 =87	Q4 =89	Q5 =90	Q6 =87	Q7 =88	Q8 =93
Q9 =95	Q10=92	Q11=93	Q12=94	Q13=95	Q14=91	Q15=90	





Photometric Parameters

Luminous Flux: 578.49 lm Efficiency: 55.04 lm/W Radiant Power: 2.087 W
Total mains efficacy: 55.04 lm/W Energy Efficiency Class: G (EU 2019/2015)
Pupil Flux: 698.35 Plm Pupil Lumens Per Watt: 66.45 Plm/W Pupil Factor (Kp): 1.207
Cirtopic Flux: 1215.94 lm Melanin Flux: 0.323 W M/R: 0.4645 MDER: 0.4227

Electric Parameters

Voltage: 220.60V Current: 0.0800A Power: 10.51W
Power Factor: 0.5940 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Min ALC.: 1.0000
Max of Signal: 48807 (2601)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4∏
CCD Integration Time: 447.89 ms

Condition: Tx:23.5'C, Ti:21.5'C, R.H.:60%
Test Lab:
Operator:
Test Device: CMS-2S (Plus)
Test Time: 2025-03-11 09:49:51
Inspector:

Model placed on the Union market from 01/04/2025

EPREL registration number: 2338805

https://eprel.ec.europa.eu/qr/2338805

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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