

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: 862-001

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:	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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	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)	0,460 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;

Lightsource Test Report

Product Information

Product Type: SU-STAR-1203-BRI2790(V6)-EAG250M Product Number: 212

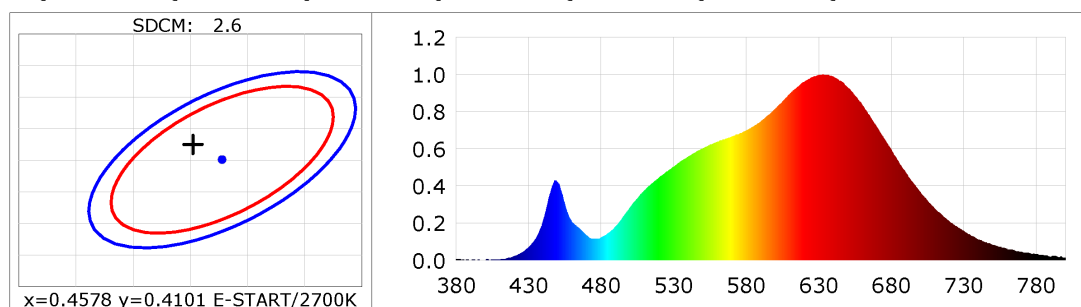
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4552$ $y=0.4125$ $u(u')=0.2587$ $v=0.3516$ $v'=0.5274$
CCT: $T_c=2781K$ ($duv=0.00113$) 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: $R_a=93.1$, $avgR(1\sim14)=90.4$, $avgR(1\sim15)=90.5$ TM30: $R_f=91$, $R_g=103$
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: $Q_a=90.7$, $Q_f=92.0$, $Q_p=94.0$, $Q_g=98.7$

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	

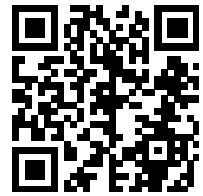
Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min	Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 48807 (2601)	ALC.: 1.0000
	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: 2338786

<https://eprel.ec.europa.eu/qr/2338786>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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