

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: 862-002

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 (K_p): 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

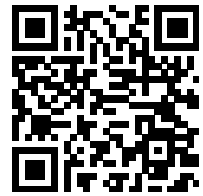
Test Information

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

Condition: $T_x:23.5^{\circ}C$, $T_i:21.5^{\circ}C$, 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: 2338801

<https://eprel.ec.europa.eu/qr/2338801>

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