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: 841-002

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	D
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)	586 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	4,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
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	81
Outer dimensions without separate control gear, lighting control	Height: 2 965 Width: 200 Depth: 200	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,433 0,402
Parameters for LED and OLED light sources:				
R9 colour rendering index value		-3	Survival factor	1,00
the lumen maintenance factor		0,50		

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

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

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Lightsource Test Report

Product Infomation

Product Number: AP9378-1S　　Submitted Unit:

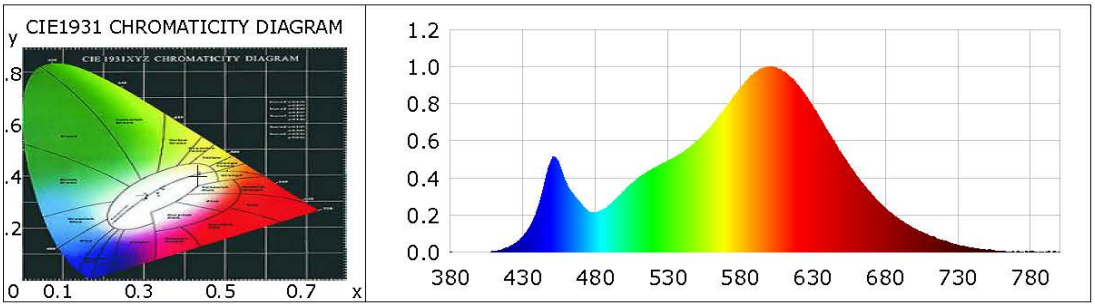
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4333 y=0.4024　u(u')=0.2490 v=0.3468 v'=0.5202
CCT: Tc=3048K (duv=-0.00018)　　Color Ratio: R=0.224 G=0.749 B=0.028
Peak Wavelength: 601.5nm　　Half Bandwidth: 120.2nm
Dominant Wavelength: 582.7nm　　Color Purity: 0.509
CRI: Ra= 80.8　　TM30: Rf= 84, Rg= 94
GAI: GAI_BB_8=91.8, GAI_BB_15=99.0, GAI_EES=53.9

R1 =79	R2 =91	R3 =95	R4 =78	R5 =80	R6 =89	R7 =80	R8 =54
R9 =-3	R10=79	R11=78	R12=72	R13=82	R14=98	R15=71	

Color Quality Scale: Qa= 81.2, Qf= 83.0, Qp= 81.7, Qg= 89.8

Q1 =77	Q2 =95	Q3 =83	Q4 =79	Q5 =82	Q6 =82	Q7 =82	Q8 =86
Q9 =95	Q10=90	Q11=86	Q12=82	Q13=81	Q14=69	Q15=72	



Photometric Parameters

Luminous Flux: 586.05 lm　　Efficiency: 104.65 lm/W　　Radiant Power: 1.739 W
EEI: 0.11　　Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.20V　　Current: 0.0300A　　Power: 5.60W
Power Factor: 0.8490　　Frequency: 50.02Hz

Test Infomation
Scan Range: 380~800:1nm　　Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms　ALC.: 1.0000　　Photometric Condition: Sphere diameter: 1.00m, 4π
Max of Signal: 45534 (3572)　　CCD Integration Time: 320.68 ms

Condition: Tx:28.0'C, Ti:0.0'C, R.H.:60%　　Test Device: Inventfine CMS-2S (Plus)
Test Lab:　　Test Time: 2023-09-16 10:29:20
Operator:　　Inspector:

Model placed on the Union market from 01/03/2024

EPREL registration number: 1950150

https://eprel.ec.europa.eu/qr/1950150

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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