

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: 842-002

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:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
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°)	683 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	6,0	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, light-	Height	3 065	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	250	
	Depth	250	
			See image in last page

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)	0,399 0,432
Parameters for LED and OLED light sources:			
R9 colour rendering index value	0	Survival factor	1,00
the lumen maintenance factor	-		

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

Product Information

Product Number: AP9378-1L

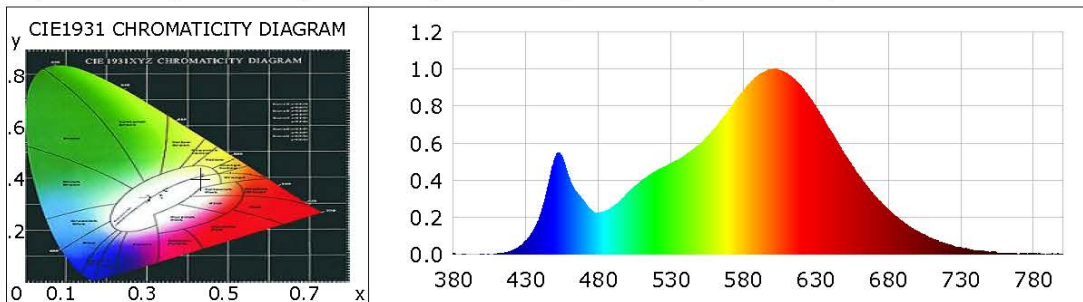
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4321$ $y=0.3997$ $u(u')=0.2493$ $v=0.3460$ $v'=0.5189$
 CCT: $T_c=3047K$ ($duv=-0.00107$) Color Ratio: $R=0.225$ $G=0.746$ $B=0.028$
 Peak Wavelength: 602.9nm Half Bandwidth: 120.6nm
 Dominant Wavelength: 602.3nm Color Purity: 0.497
 CRI: $R_a=81.4$ TM30: $R_f=84$, $R_g=95$
 GAI: $GAI_BB_8=94.2$, $GAI_BB_15=101.7$, $GAI_EES=55.3$

R1 =80	R2 =92	R3 =94	R4 =79	R5 =81	R6 =90	R7 =80	R8 =55
R9 =0	R10=81	R11=78	R12=73	R13=83	R14=98	R15=72	

Color Quality Scale: $Q_a=81.4$, $Q_f=83.0$, $Q_p=82.3$, $Q_g=90.4$

Q1 =77	Q2 =95	Q3 =83	Q4 =79	Q5 =82	Q6 =83	Q7 =83	Q8 =85
Q9 =95	Q10=90	Q11=86	Q12=82	Q13=81	Q14=70	Q15=72	



Photometric Parameters

Luminous Flux: 683.31 lm Efficiency: 108.46 lm/W Radiant Power: 2.040 W
 EEI: 0.11 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.10V Current: 0.0540A Power: 6.30W
 Power Factor: 0.5350 Frequency: 50.02Hz

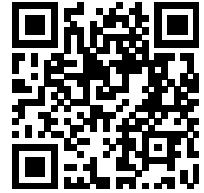
Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.00m, 4T
 Max of Signal: 44853 (3538) CCD Integration Time: 536.72 ms

Condition: $T_x:26.8^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2023-09-16 19:37:35
 Inspector:

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



EPREL registration number: 1950178

<https://eprel.ec.europa.eu/qr/1950178>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

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