

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: 841-004

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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	200	
	Depth	200	
			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;

Lightsource Test Report

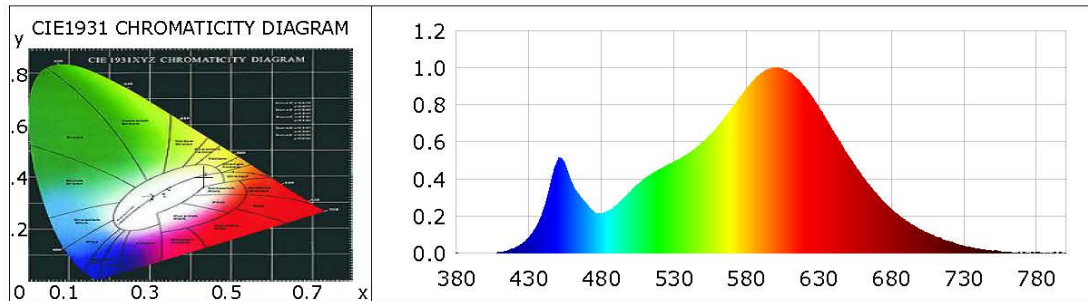
Product Information

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: $T_c=3048K$ ($duv=-0.00018$) 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: $R_a=80.8$ TM30: $R_f=84$, $R_g=94$
 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: $Q_a=81.2$, $Q_f=83.0$, $Q_p=81.7$, $Q_g=89.8$
 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

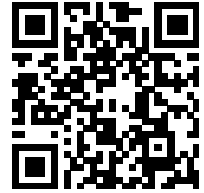
Test Information

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: 45534 (3572) CCD Integration Time: 320.68 ms

Condition: Tx:28.0°C, Ti:0.0°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2023-09-16 10:29:20
 Inspector:

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



EPREL registration number: 1950159

<https://eprel.ec.europa.eu/qr/1950159>

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