

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: 838-002

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	42	Energy efficiency class	E
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°)	5 131 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	42,0	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	82
Outer dimensions without separate control gear, light-	Height	2 750	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	1 100	
	Depth	170	
			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)	0,438 0,403
Parameters for LED and OLED light sources:			
R9 colour rendering index value	6	Survival factor	0,00
the lumen maintenance factor	-		

(a) : not applicable;

(b) : not applicable;

Lightsource Test Report

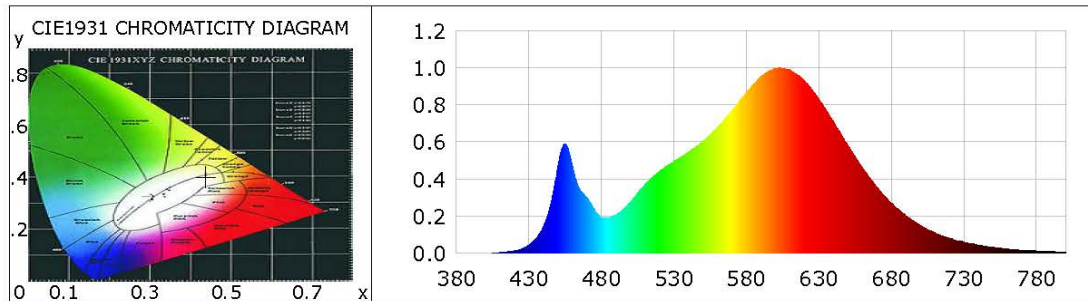
Product Information

Product Number: AP9367-7

Submitted Unit:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4385$ $y=0.4027$ $u(u')=0.2522$ $v=0.3474$ $v'=0.5211$
 CCT: $T_c=2962K$ ($duv=-0.00076$) Color Ratio: $R=0.231$ $G=0.743$ $B=0.026$
 Peak Wavelength: 603.1nm Half Bandwidth: 125.5nm
 Dominant Wavelength: 583.3nm Color Purity: 0.525
 CRI: $R_a=81.9$ TM30: $R_f=83$, $R_g=95$
 GAI: $GAI_BB_8=94.3$, $GAI_BB_15=103.3$, $GAI_EES=53.2$
 R1 =80 R2 =91 R3 =96 R4 =79 R5 =81 R6 =89 R7 =81 R8 =58
 R9 =6 R10=79 R11=77 R12=68 R13=83 R14=99 R15=73
 Color Quality Scale: $Q_a=81.4$, $Q_f=83.0$, $Q_p=82.8$, $Q_g=90.9$
 Q1 =78 Q2 =95 Q3 =82 Q4 =77 Q5 =80 Q6 =82 Q7 =82 Q8 =85
 Q9 =95 Q10=89 Q11=85 Q12=83 Q13=82 Q14=72 Q15=74



Photometric Parameters

Luminous Flux: 5131.0 lm Efficiency: 123.34 lm/W Radiant Power: 15.565 W
 EEI: 0.11 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.10V Current: 0.1950A Power: 41.60W
 Power Factor: 0.9730 Frequency: 50.02Hz

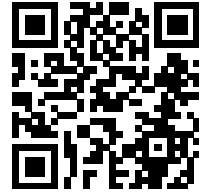
Test Information

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: 47973 (3337) CCD Integration Time: 39.30 ms

Condition: Tx:28.2°C, Ti:0.0°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2023-09-16 10:37:06
 Inspector:

Model placed on the Union market from 18/04/2024



EPREL registration number: 1950932

<https://eprel.ec.europa.eu/qr/1950932>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

Name: Main Office

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