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: 854-003

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	12	Energy efficiency class	G
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)	314 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	11,4	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	90
Outer dimensions without separate control gear, light-	Height: 78	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 1		
	Depth: 120		

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)	0,462 0,415
Parameters for LED and OLED light sources:				
R9 colour rendering index value		58	Survival factor	0,99
the lumen maintenance factor		0,96		

[a] '-' : not applicable;

[b] '-' : not applicable;

INVENTFINE®创惠

Lightsource Test Report

Product Infomation

Product Type: 854-001 Product Spec: 854-001
Product Number: 21

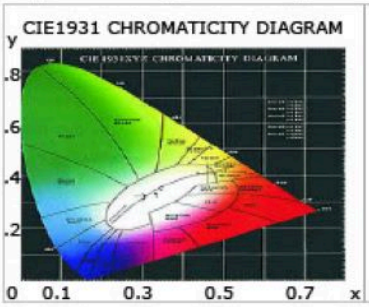
CIE Colorimetric Parameters

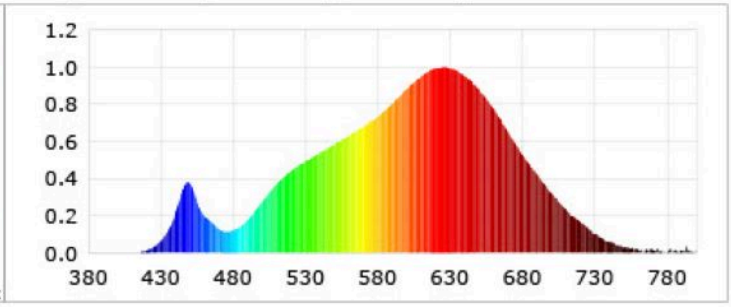
Chromaticity coordinates: x=0.4617 y=0.4148 u(u')=0.2618 v=0.3528 v'=0.5292
CCT: Tc=2707K (duv=0.00140) Color Ratio: R=0.261 G=0.719 B=0.019
Peak Wavelength: 625.4nm Half Bandwidth: 150.6nm
Dominant Wavelength: 583.7nm Color Purity: 0.631
CRI: Ra= 91.0, avgR(1~14)= 87.7, avgR(1~15)= 87.7 TM30: Rf= 90, Rg= 101
GAI: GAI_BB_8=95.2, GAI_BB_15=99.7, GAI_EES=46.5

R1 =91	R2 =93	R3 =94	R4 =93	R5 =91	R6 =92	R7 =93	R8 =82
R9 =57	R10=83	R11=93	R12=78	R13=92	R14=96	R15=87	

Color Quality Scale: Qa= 89.2, Qf= 91.2, Qp= 91.8, Qg= 96.1

Q1 =86	Q2 =96	Q3 =87	Q4 =88	Q5 =89	Q6 =87	Q7 =88	Q8 =92
Q9 =96	Q10=92	Q11=92	Q12=92	Q13=92	Q14=86	Q15=86	





Photometric Parameters

Luminous Flux: 314.09 lm Efficiency: 27.19 lm/W Radiant Power: 1.075 W
EEI: 0.37 Energy Efficiency Class: B (EU 874-2012)
Pupil Flux: 369.14 Plm Pupil Lumens Per Watt: 31.96 Plm/W Pupil Factor (Kp): 1.175

Electric Parameters

Voltage: 220.60V Current: 0.0530A Power: 11.55W
Power Factor: 0.9960 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 1 Min ALC.: 1.0000
Max of Signal: 31637 (2228)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 1000.00 ms

Condition: Tx:17.9'C, Ti:14.9'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2024-01-23 17:21:23
Operator: CHEN Inspector:

Model placed on the Union market from 01/07/2024

EPREL registration number: 2069752

https://eprel.ec.europa.eu/qr/2069752

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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