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: 855-002

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	14	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)	800 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	13,6	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: 1 800 Width: 1 800 Depth: 140	Spectral power distribution in the range 250 nm to 800 nm, at full-load	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)	0,459 0,415
Parameters for LED and OLED light sources:				
R9 colour rendering index value		58	Survival factor	0,96
the lumen maintenance factor		0,96		

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

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

INVENTFINE®创惠

Lightsource Test Report

Product Infomation

Product Type: 855-001 Product Spec: 855-001
Product Number: 4

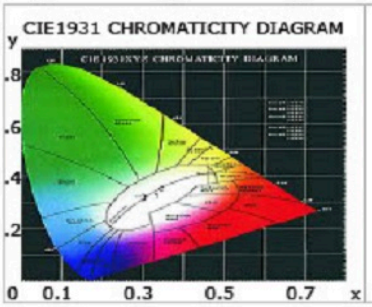
CIE Colorimetric Parameters

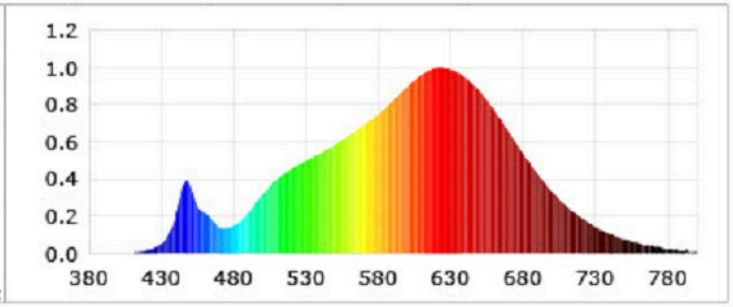
Chromaticity coordinates: x=0.4591 y=0.4151 u(u')=0.2600 v=0.3526 v'=0.5289
CCT: Tc=2745K (duv=0.00172) Color Ratio: R=0.259 G=0.720 B=0.022
Peak Wavelength: 624.0nm Half Bandwidth: 152.3nm
Dominant Wavelength: 583.4nm Color Purity: 0.625
CRI: Ra= 91.9, avgR(1~14)= 89.0, avgR(1~15)= 88.9 TM30: Rf= 92, Rg= 100
GAI: GAI_BB_8=93.1, GAI_BB_15=97.7, GAI_EES=46.5

R1 =92	R2 =94	R3 =96	R4 =93	R5 =92	R6 =94	R7 =92	R8 =82
R9 =57	R10=87	R11=95	R12=82	R13=92	R14=97	R15=87	

Color Quality Scale: Qa= 90.6, Qf= 92.8, Qp= 92.4, Qg= 95.0

Q1 =88	Q2 =96	Q3 =90	Q4 =90	Q5 =91	Q6 =90	Q7 =91	Q8 =93
Q9 =97	Q10=94	Q11=93	Q12=93	Q13=92	Q14=86	Q15=86	





Photometric Parameters

Luminous Flux: 796.36 lm Efficiency: 58.69 lm/W Radiant Power: 2.770 W
EEI: 0.21 Energy Efficiency Class: A (EU 874-2012)
Pupil Flux: 958.65 Plm Pupil Lumens Per Watt: 70.64 Plm/W Pupil Factor (Kp): 1.204

Electric Parameters

Voltage: 220.40V Current: 0.0640A Power: 13.57W
Power Factor: 0.9620 Frequency: 49.99Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 1 Min ALC.: 1.0000
Max of Signal: 45947 (1969)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 576.27 ms

Condition: Tx:16.9'C, Ti:14.8'C, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Test Time: 2024-01-23 13:55:54
Operator: CHEN Inspector:

Model placed on the Union market from 22/08/2024

EPREL registration number: 2106901

https://eprel.ec.europa.eu/qr/2106901

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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