

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: 864-001

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	36	Energy efficiency class	G
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°)	1 564 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	36,0	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	91
Outer dimensions without separate control gear, light-	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,467 0,425	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	57	Survival factor	0,49	
the lumen maintenance factor	0,96			

(a) '-': not applicable;

(b) '-': not applicable;



Lightsource Test Report

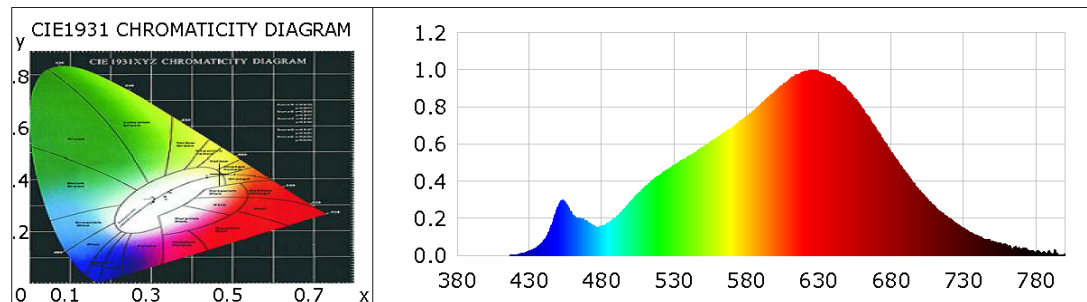
Product Information

Product Type: 864-001

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4679$ $y=0.4245$ $u(u')=0.2615$ $v=0.3558$ $v'=0.5337$
 CCT: $T_c=2695K$ ($duv=0.00435$) Color Ratio: $R=0.260$ $G=0.719$ $B=0.021$
 Peak Wavelength: 627.0nm Half Bandwidth: 153.1nm
 Dominant Wavelength: 582.9nm Color Purity: 0.679
 CRI: $R_a=91.4$, $avgR(1\sim14)=87.9$, $avgR(1\sim15)=87.8$ TM30: $R_f=91$, $R_g=96$
 GAI: $GAI_BB_8=80.1$, $GAI_BB_15=88.0$, $GAI_EES=38.8$
 R1 =91 R2 =94 R3 =96 R4 =92 R5 =90 R6 =93 R7 =93 R8 =82
 R9 =57 R10=85 R11=92 R12=77 R13=91 R14=97 R15=86
 Color Quality Scale: $Q_a=89.1$, $Q_f=91.7$, $Q_p=89.8$, $Q_g=90.0$
 Q1 =88 Q2 =95 Q3 =91 Q4 =89 Q5 =90 Q6 =90 Q7 =91 Q8 =93
 Q9 =90 Q10=86 Q11=87 Q12=89 Q13=91 Q14=85 Q15=87



Photometric Parameters

Luminous Flux: 1563.8 lm Efficiency: 42.46 lm/W Radiant Power: 5.450 W
 EEI: 0.32 Energy Efficiency Class: B (EU 874-2012)
 Pupil Flux: 1841.15 Plm Pupil Lumens Per Watt: 49.99 Plm/W Pupil Factor (K_p): 1.177

Electric Parameters

Voltage: 220.90V Current: 0.3370A Power: 36.83W
 Power Factor: 0.4950 Frequency: 49.99Hz

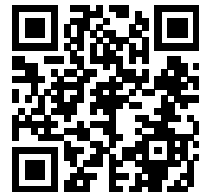
Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 1 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 45620 (3173) CCD Integration Time: 324.53 ms

Condition: $T_x:31.0^{\circ}C$, $T_i:31.0^{\circ}C$, R.H.:60%
 Test Lab: 中山市聚美灯饰照明有限公司
 Operator: Dan

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2024-09-07 16:34:27
 Inspector:

Model placed on the Union market from 01/03/2025



EPREL registration number: 2299176

<https://eprel.ec.europa.eu/qr/2299176>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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