

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: 861-002

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	LED		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	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	10	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°)	611 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	10,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,00	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	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)	0,380 0,380	
Parameters for directional light sources:				
Peak luminous intensity (cd)	10	Beam angle in degrees, or the range of beam angles that can be set	36	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	90	Survival factor	0,90	
the lumen maintenance factor	0,80			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	0	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

Product Information

Product Type: PE-Avatar-1003-350-BRI3090(V4HD)E-R350-350-PE-Avatar-1003-350-BRI3090(V4HD)28
Product Number: 28

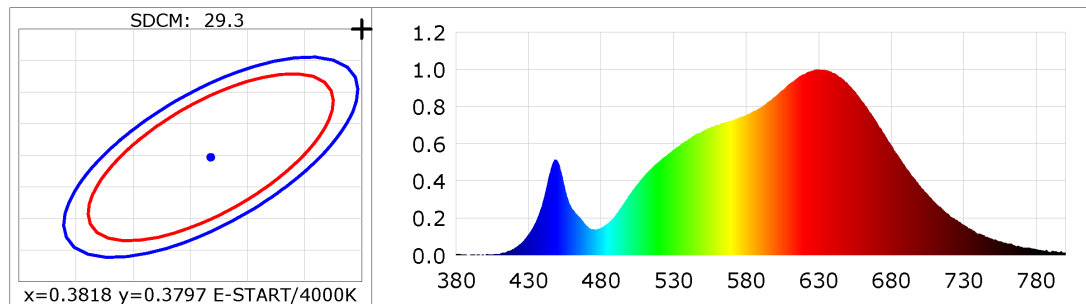
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4407$ $y=0.4084$ $u(u')=0.2511$ $v=0.3491$ $v'=0.5236$
CCT: $T_c=2973K$ ($duv=0.00120$) Color Ratio: $R=0.244$ $G=0.734$ $B=0.023$
Peak Wavelength: 630.1nm Half Bandwidth: 168.2nm
Dominant Wavelength: 582.5nm Color Purity: 0.549
Central Wave: 603.6nm Gravity Wave: 612.4nm
CRI: $R_a=92.0$, $avgR(1\sim14)=89.0$, $avgR(1\sim15)=89.2$ TM30: $R_f=91$, $R_g=102$
GAI: $GAI_BB_8=98.5$, $GAI_BB_15=102.0$, $GAI_EES=55.8$

R1 =93	R2 =93	R3 =90	R4 =93	R5 =92	R6 =90	R7 =95	R8 =89
R9 =72	R10=82	R11=94	R12=76	R13=93	R14=94	R15=92	TLCI=90

Color Quality Scale: $Q_a=90.3$, $Q_f=91.2$, $Q_p=93.3$, $Q_g=98.9$

Q1 =90	Q2 =97	Q3 =86	Q4 =88	Q5 =89	Q6 =87	Q7 =88	Q8 =93
Q9 =95	Q10=91	Q11=92	Q12=93	Q13=94	Q14=90	Q15=90	



Photometric Parameters

Luminous Flux: 611.22 lm	Efficiency: 54.14 lm/W	Radiant Power: 2.169 W
Total mains efficacy: 54.14 lm/W	Energy Efficiency Class: G (EU 2019/2015)	
Pupil Flux: 771.12 Plm	Pupil Lumens Per Watt: 68.30 Plm/W	Pupil Factor (Kp): 1.262
Cirtopic Flux: 1378.04 lm	Melanin Flux: 0.367 W	M/R: 0.5000
		MDER: 0.4550

Electric Parameters

Voltage: 220.60V	Current: 0.0840A	Power: 11.29W
Power Factor: 0.6060	Frequency: 49.99Hz	

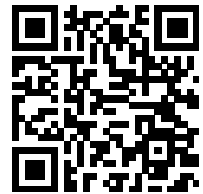
Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min	Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 45158 (3245)	ALC.: 1.0000
	CCD Integration Time: 337.84 ms

Condition: Tx:29.5'C, Ti:28.3'C, R.H.:60%
Test Lab:
Operator:

Test Device: CMS-2S (Plus)
Test Time: 2024-08-15 08:50:48
Inspector:

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



EPREL registration number: 2305624

<https://eprel.ec.europa.eu/qr/2305624>

Supplier: Lampefeber A/S (Importer)

Website: www.lampefeber.com

Customer care service:

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