

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: 804-002

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	COB		
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:	No

Product parameters

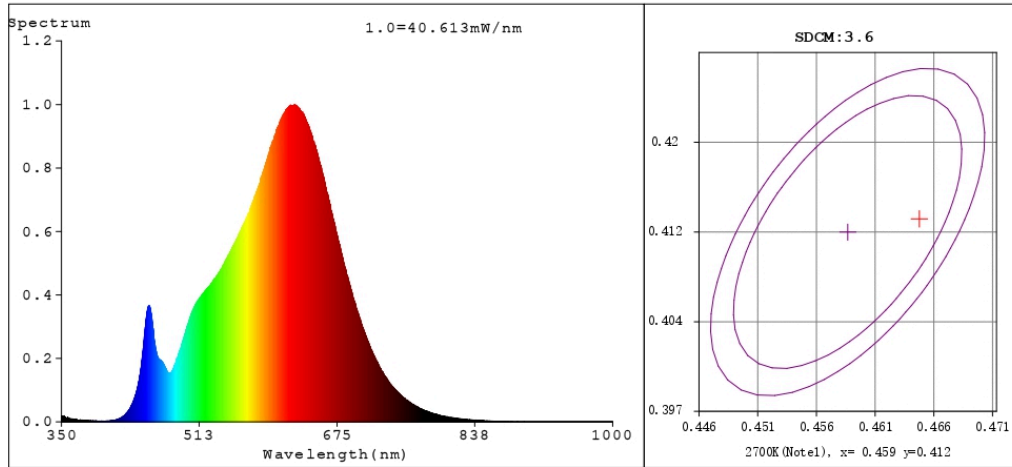
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	28	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 643 in Narrow cone (90°)	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	2 648
On-mode power (P_{on}), expressed in W	28,0	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	93
Outer dimensions without separate control gear, lighting control	Height	9	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	9	
	Depth	9	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,465 0,413
Parameters for directional light sources:			
Peak luminous intensity (cd)	7 072	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	58	Survival factor	1,00
the lumen maintenance factor	0,80		

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4651$ $y=0.4131$ $u'=0.2647$ $v'=0.5291$
 CCT=2648K (Duv=0.0005) Dominant WL:Ld =584.3nm WL:Lc = --nm Purity=63.6%
 Ratio:R=26.9% G=70.7% B=2.4% Peak WL:Lp=625.1nm FWHM=140.7nm
 Render Index:Ra=93.2 AvgR=90.7 TM30:Rf=92 Rg=99

R1 =93 R2 =97 R3 =99 R4 =94 R5 =94 R6 =97 R7 =91
 R8 =81 R9 =58 R10=93 R11=96 R12=86 R13=94 R14=99 R15=88

Photo Parameters:

Flux = 1819 lm Eff. : 64.18 lm/W Fe = 6.518 W
 Scotopic:2296.7 S/P:1.2626

Electrical parameters:

V = 229.88 V I = 0.1311 A P = 28.34 W PF = 0.9404
 LEVEL:OUT WHITE:ANSI_2700K
 Status: Integral T = 250 ms Ip = 43462 (66%)

GBT5702

Model:TL58-28G27-36
 Tester:DAMIN
 Temperature:25.3Deg
 Manufacturer:EVERFINE

Number:N-00001
 Date:2022-01-05 17:15:33
 Humidity:65.0%
 Remarks:---