

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: SPL

Supplier's address: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: LF024107888

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	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
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	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°)	470 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	2 500
On-mode power (P_{on}), expressed in W	6,5	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	Height	Spectral power distribution in the	See image in last page
	Width		
			38

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	38	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,486
Parameters for LED and OLED light sources:				
R9 colour rendering index value		65	Survival factor	0,96
the lumen maintenance factor		0,96		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		0,90	Colour consistency in McAdam ellipses	6
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)		0,1	Stroboscopic effect metric (SVM)	0,3

(a)-: not applicable;

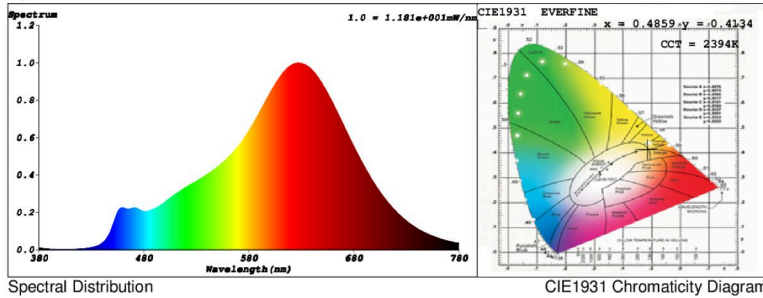
(b)-: not applicable;

Sample : 5-5 Date : 2017-10-10 13:57:56
 Specification : LF024107888 Sam. Status :
 Sample No. : LF024107888 Instrument : HaasSuite(EVERFINE)
 Manufacturer : Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg RH : 65.0%
 WL Range : 380nm-780nm IP : 51449 (79%)
 Test Mode : Fast Test T : 36 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.4859 y = 0.4134 / u' = 0.2781 v' = 0.5323 (duv=-4.23e-04)
 CCT= 2394K Prop WL: Ld=586.1nm Purity=69.9%
 Peak WL: Lp=628nm FWHM: =123.8nm Ratio:R=29.9% G=67.6% B=2.5%

Render Index: Ra = 93.1
 R1 =97 R2 =98 R3 =94 R4 =95 R5 =97 R6 =93 R7 =89
 R8 =81 R9 =65 R10=97 R11=98 R12=86 R13=99 R14=98 R15=91
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 470.83 lm Eff. : 78.85 lm/W Fe = 1.7685 W

Electrical parameters

V = 230.0 V I = 0.03180 A P = 5.971 W PF = 0.8165