

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: L270012500

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	4	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°)	140 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	2 000
On-mode power (P_{on}), expressed in W	3,5	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	82
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	125	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,521
Parameters for LED and OLED light sources:				
R9 colour rendering index value		10	Survival factor	0,70
the lumen maintenance factor		0,93		
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)		0,5	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

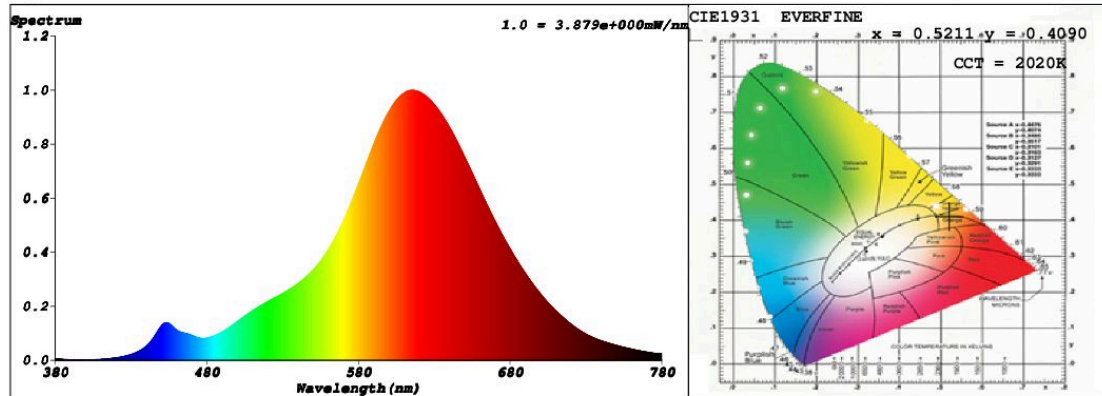
SPL Spectrum Test Report

Sample :	Date : 2019-11-27 10:21:49
Specification : L270012500	Sam. Status :
Sample No. : L270012500 sample test 01 139Lm	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : Schiefer
	Assessor : damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 49715 (76%)
Test Mode : Fast Test	T : 108 ms
	Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5211$ $y = 0.4090$ / $u' = 0.3036$ $v' = 0.5361$ ($duv = -1.50e-03$)

CCT= 2020K Prcp WL: $L_d = 589.2\text{nm}$ Purity=79.2%

Peak WL: $L_p = 615\text{nm}$ FWHM: =103.0nm Ratio:R=33.2% G=65.4% B=1.4%

Render Index: $R_a = 81.0$

R1 =80 R2 =94 R3 =90 R4 =77 R5 =81 R6 =96 R7 =77

R8 =53 R9 =10 R10=89 R11=79 R12=90 R13=84 R14=95 R15=72

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 139.04 lm Eff. : 39.95 lm/W $F_e = 491.23$ mW

Electrical parameters

V = 229.9 V I = 0.01606 A P = 3.481 W PF = 0.9428

Schiefer Professional Lighting

www.spl-lighting.com