

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: LV023820502

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	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°)	100 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	1,5	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 without	Height	60	Spectral power distribution in the See image in last page
	Width	20	
	Depth	20	

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)		range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,473
Parameters for LED and OLED light sources:			
R9 colour rendering index value	54	Survival factor	0,96
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	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;

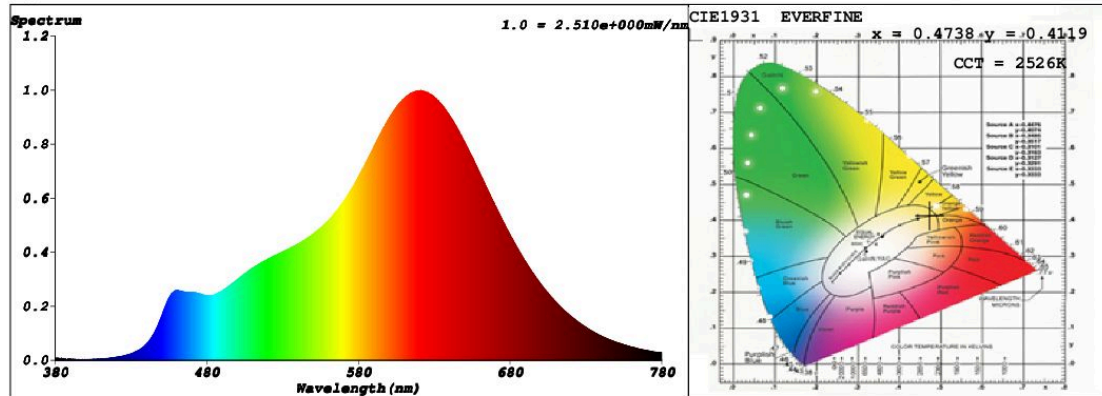
SPL Spectrum Test Report

Sample	:	Date	: 2018-06-18 13:53:02
Specification	: LV023820502	Sam. Status	:
Sample No.	: LV023820502 - 1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Marc
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 55784 (85%)
Test Mode	: Fast Test	T	: 186 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4738$ $y = 0.4119$ / $u' = 0.2709$ $v' = 0.5300$ ($duv = -4.62e-04$)

CCT= 2526K Prcp WL: Ld=585.3nm Purity=65.9%

Peak WL: Lp=621nm FWHM: =120.2nm Ratio:R=28.4% G=68.8% B=2.8%

Render Index: Ra = 91.4

R1 =95 R2 =99 R3 =92 R4 =93 R5 =96 R6 =93 R7 =87

R8 =76 R9 =54 R10=97 R11=97 R12=86 R13=97 R14=97 R15=88

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 105.65 lm Eff. : 70.78 lm/W Fe = 373.53 mW

Electrical parameters

V = 230.1 V I = 0.01406 A P = 1.493 W PF = 0.4613

Schiefer Professional Lighting

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