

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: Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, 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 separate control gear, lighting control	Height	60	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	20	
	Depth	20	
			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)	0,473 0,411
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;

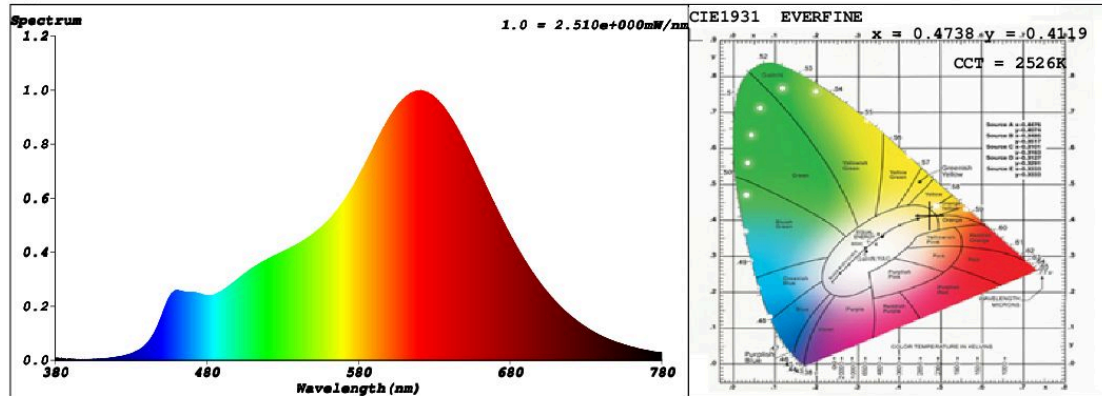
SPL Spectrum Test Report

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

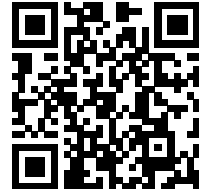
Electrical parameters

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

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 10/03/2021



EPREL registration number: 545635

<https://eprel.ec.europa.eu/qr/545635>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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