

# 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:** L022336247

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	190 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	2 700
On-mode power ( $P_{on}$ ), expressed in W	2,5	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 without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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 <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,466
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,80	Colour consistency in McAdam ellipses	5
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)	1,0	Stroboscopic effect metric (SVM)	0,9

(a): not applicable;

(b): not applicable;

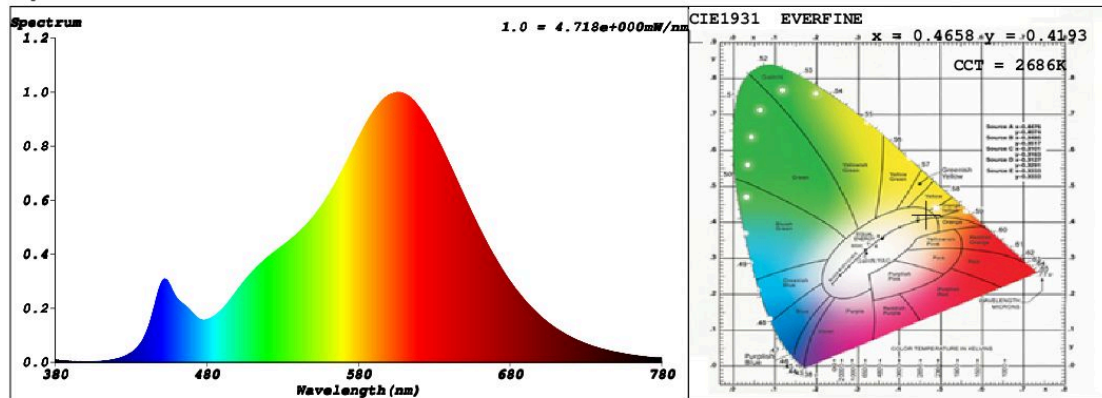
## SPL Spectrum Test Report

Sample	:	Date	: 2018-03-20 11:33:31
Specification	:	Sam. Status	:
Sample No.	: L022336247-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47103 (72%)
Test Mode	: Fast Test	T	: 84 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4658$   $y = 0.4193$  /  $u' = 0.2624$   $v' = 0.5315$  ( $duv=2.68e-03$ )

CCT= 2686K Prcp WL:  $L_d=583.5nm$  Purity=65.7%

Peak WL:  $L_p=605nm$  FWHM: =115.6nm Ratio:R=24.9% G=72.9% B=2.1%

Render Index:  $R_a = 81.4$

R1 =79 R2 =91 R3 =96 R4 =79 R5 =80 R6 =90 R7 =82

R8 =56 R9 =3 R10=79 R11=78 R12=72 R13=82 R14=98 R15=71

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 215.38 lm Eff. : 0.00 lm/W  $F_e = 657.61$  mW

### Electrical parameters

V = 230.2 V I = 0 A P = 0 W PF = 0

**Schiefer Professional Lighting**

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