

# 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:** LF024040301

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba15d		
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 ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	320 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	4,0	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, light-	Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	35	
	Depth	35	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,490 0,411
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	51	Survival factor	0,96
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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;

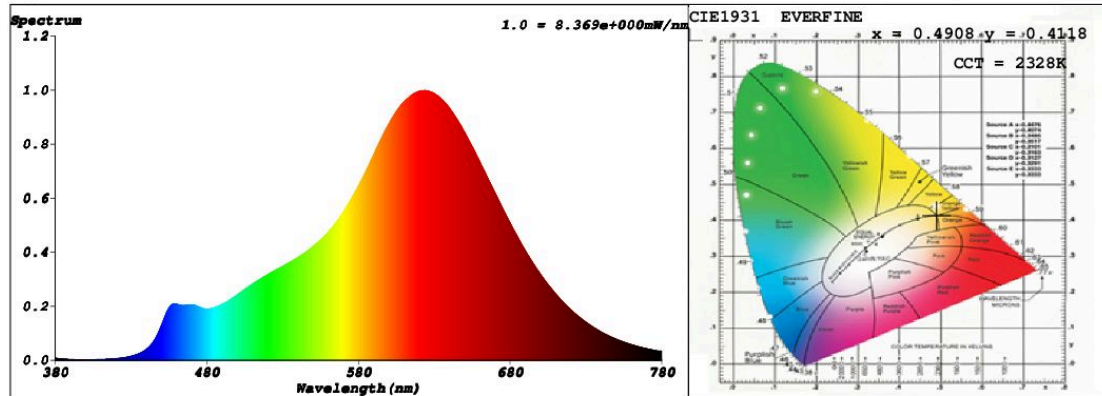
## SPL Spectrum Test Report

Sample	:	Date	: 2017-06-08 14:50:51
Specification	: LF024040301	Sam. Status	:
Sample No.	: LF024040301 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 55590 (85%)
Test Mode	: Fast Test	T	: 51 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4908$   $y = 0.4118$  /  $u' = 0.2821$   $v' = 0.5325$  ( $duv = -1.05e-03$ )

CCT= 2328K Prcp WL:  $L_d = 586.7\text{nm}$  Purity=71.0%

Peak WL:  $L_p = 624\text{nm}$  FWHM: =117.2nm Ratio:R=30.4% G=67.2% B=2.4%

Render Index:  $R_a = 90.7$

R1 =94 R2 =99 R3 =92 R4 =92 R5 =95 R6 =93 R7 =86

R8 =74 R9 =51 R10=98 R11=96 R12=86 R13=96 R14=97 R15=87

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 330.39 lm Eff. : 81.59 lm/W  $F_e = 1.2155$  W

### Electrical parameters

V = 230.0 V I = 0.02143 A P = 4.049 W PF = 0.8214

**Schiefer Professional Lighting**

[www.professional-lighting.eu](http://www.professional-lighting.eu)