

# 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:** LF023911005

## 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 ( $\phi_{use}$ ), 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	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	230	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	100	
	Depth	100	
			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)	0,517 0,412
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	60	Survival factor	0,96
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,85	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;

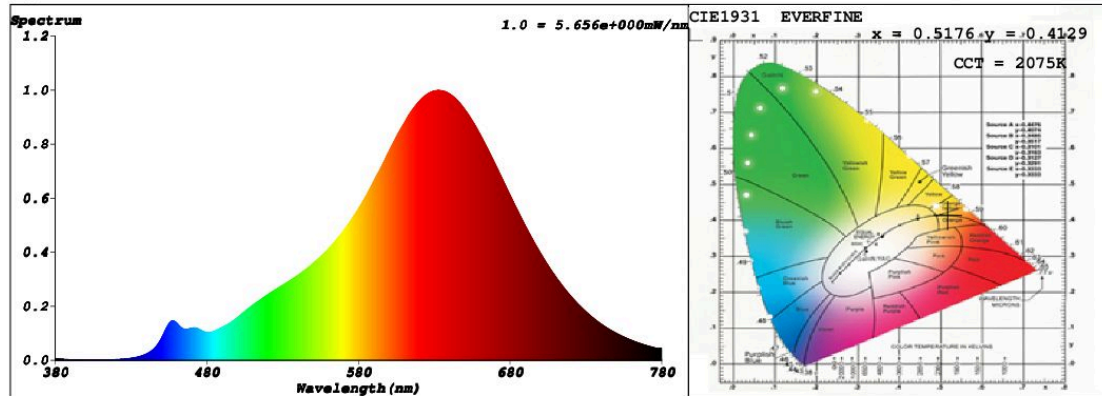
## SPL Spectrum Test Report

Sample	:	Date	:	2021-01-06 14:24:52
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52696 (80%)
Test Mode	:	Fast Test	T	:	85 ms
			Sensitivity	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.5176$   $y = 0.4129$  /  $u' = 0.2992$   $v' = 0.5370$  ( $duv = -4.63e-04$ )

CCT= 2075K Prcp WL: Ld=588.4nm Purity=79.3%

Peak WL: Lp=632nm FWHM: =117.4nm Ratio:R=33.6% G=64.8% B=1.6%

Render Index: Ra = 92.7

R1 =94 R2 =99 R3 =97 R4 =93 R5 =95 R6 =96 R7 =89

R8 =79 R9 =60 R10=98 R11=97 R12=90 R13=96 R14=99 R15=88

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 195.73 lm Eff. : 0.00 lm/W Fe = 792.61 mW

### Electrical parameters

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

**Schiefer Professional Lighting**

www.spl-lighting.com