

# 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:** LF023863092

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	6	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°)	300 in Wide cone (120°)	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	5,5	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, light-	Height	103	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	63	
	Depth	63	
			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)	0,477 0,416
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	190	Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	55	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.	.. <sup>(b)</sup>	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,1	Stroboscopic effect metric (SVM)	0,3

(a)'.': not applicable;

(b)'.': not applicable;

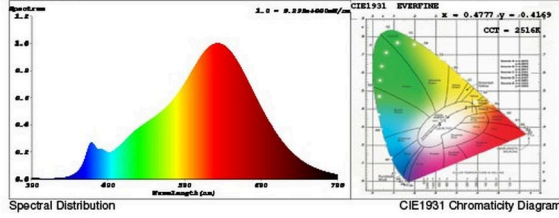
**SPL Spectrum Test Report**

Sample	:	Date	: 2021-03-18 10:22:52
Specification	:	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

<b>Test Condition</b>			
Temperature	:	RH	: 65.0%
WL Range	:	IP	: 48384 (74%)
Test Mode	:	T	: 46 ms
		Sensitivity	: High

**Spectrum**



**Colorimetric Parameters**  
 Chromaticity Coordinates:  $x = 0.4777$   $y = 0.4169$  /  $u' = 0.2711$   $v' = 0.5324$  ( $duv=1.09e-03$ )  
 CCT= 2516K Prop WL:  $\lambda_d=584.8nm$  Purity=68.5%  
 Peak WL:  $\lambda_p=624nm$  FWHM:  $=132.5nm$  Ratio:R=28.1% G=69.5% B=2.4%

Render Index: Ra = 92.4  
 R1=93 R2=98 R3=97 R4=92 R5=94 R6=98 R7=89  
 R8=78 R9=55 R10=96 R11=94 R12=87 R13=95 R14=99 R15=87  
 LEVEL:OUT WHITE:OUT

**Photometric & Radiometric Parameters**  
 Flux = 399.38 lm Eff. : 69.09 lm/W  $\Phi_e = 1.4362$  W

**Electrical parameters**

V = 229.9 V I = 0.02946 A P = 5.780 W PF = 0.8535

Schiefer Professional Lighting  
[www.spl-lighting.com](http://www.spl-lighting.com)