

# 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:** L641801230

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	R7s		
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	13	Energy efficiency class	E
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°)	1 520 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	12,5	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	80
Outer dimensions without separate control gear, light-	Height	29	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	118	
	Depth	29	
			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)	0,445 0,404
<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 $\phi_1$ )	0,90	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)	1,0	Stroboscopic effect metric (SVM)	0,4

(a): not applicable;

(b): not applicable;

## SPL Spectrum Test Report

Sample :  
 Specification : L641801230  
 Sample No. : 1  
 Manufacturer :

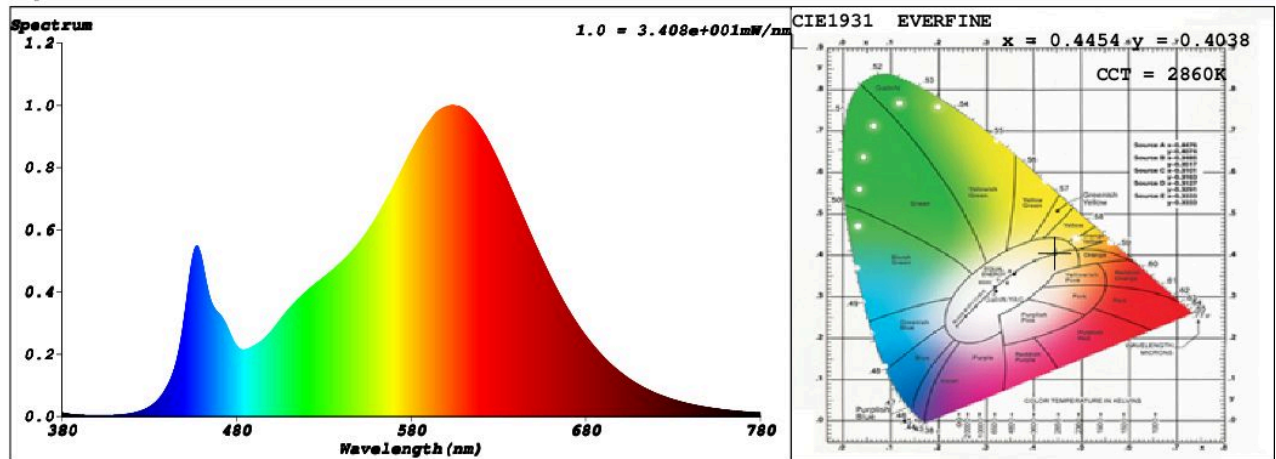
Date : 2021-08-12 08:38:24  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Renee  
 Assessor : damin

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 51048 (78%)  
 T : 14 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4454$   $y = 0.4038$  /  $u' = 0.2562$   $v' = 0.5225$  ( $duv = -1.17e-03$ )  
 CCT= 2860K Prcp WL:  $L_d = 583.8nm$  Purity=54.9%  
 Peak WL:  $L_p = 604nm$  FWHM: =114.8nm Ratio:R=23.9% G=73.4% B=2.8%

Render Index:  $R_a = 81.3$

R1 =81 R2 =93 R3 =92 R4 =77 R5 =81 R6 =92 R7 =79  
 R8 =55 R9 =3 R10=85 R11=76 R12=72 R13=84 R14=97 R15=73  
 LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1592.3 lm Eff. : 209.75 lm/W Fe = 4.8429 W

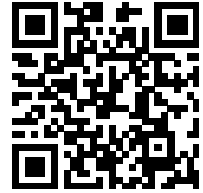
### Electrical parameters

V = 229.8 V I = 0.03473 A P = 7.591 W PF = 0.9511

**Schiefer Professional Lighting**

www.spl-lighting.com

Model placed on the Union market from 20/07/2021



**EPREL registration number:** 860471

<https://eprel.ec.europa.eu/qr/860471>

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

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

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