

# 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:** L276505501

## 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	14	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°)	1 050 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	2200...2700
On-mode power ( $P_{on}$ ), expressed in W	14,0	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	97
Outer dimensions without separate control gear, light-	Height	128	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	65	
	Depth	65	
			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)	0,460 0,414
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	91	Survival factor	0,70
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,95	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)	0,9

(a): not applicable;

(b): not applicable;

## SPL Spectrum Test Report

Sample : 1  
 Specification :  
 Sample No. : L276505501-1  
 Manufacturer :

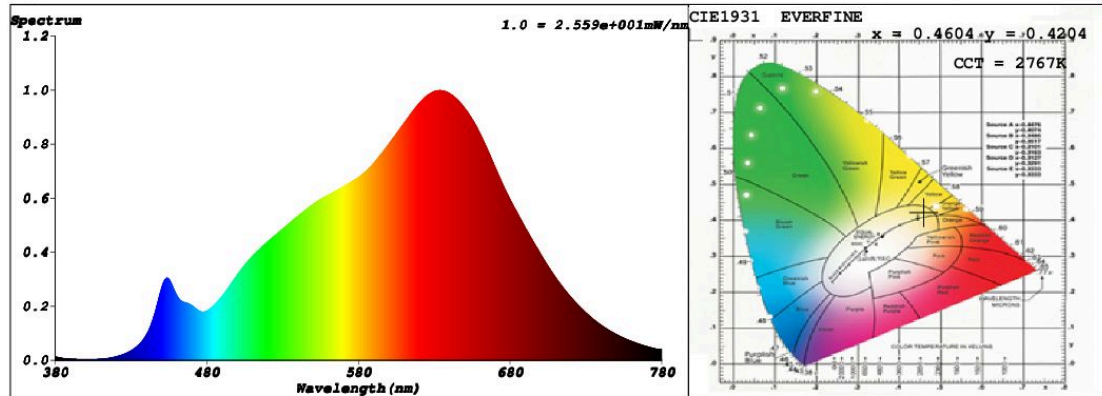
Date : 2017-02-20 11:26:54  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Schiefer  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 48090 (73%)  
 T : 15 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4604$   $y = 0.4204$  /  $u' = 0.2585$   $v' = 0.5311$  ( $duv=3.53e-03$ )

CCT= 2767K Prcp WL:  $L_d=582.8nm$  Purity=64.4%

Peak WL:  $L_p=634nm$  FWHM:  $=156.3nm$  Ratio:R=26.1% G=71.4% B=2.5%

Render Index:  $R_a = 96.2$

R1 =97 R2 =97 R3 =95 R4 =98 R5 =96 R6 =97 R7 =98

R8 =93 R9 =81 R10=92 R11=99 R12=83 R13=97 R14=96 R15=94

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1141.1 lm Eff. : 83.51 lm/W  $F_e = 4.1907 W$

### Electrical parameters

V = 230.1 V I = 0.06356 A P = 13.66 W PF = 0.9343

**Schiefer Professional Lighting**

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