

# 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:** L147225001

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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°)	250 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	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	97
Outer dimensions without separate control gear, light-	Height	78	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	0,466 0,416
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	85	Survival factor	0,70
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,75	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. : L147225001-1  
 Manufacturer :

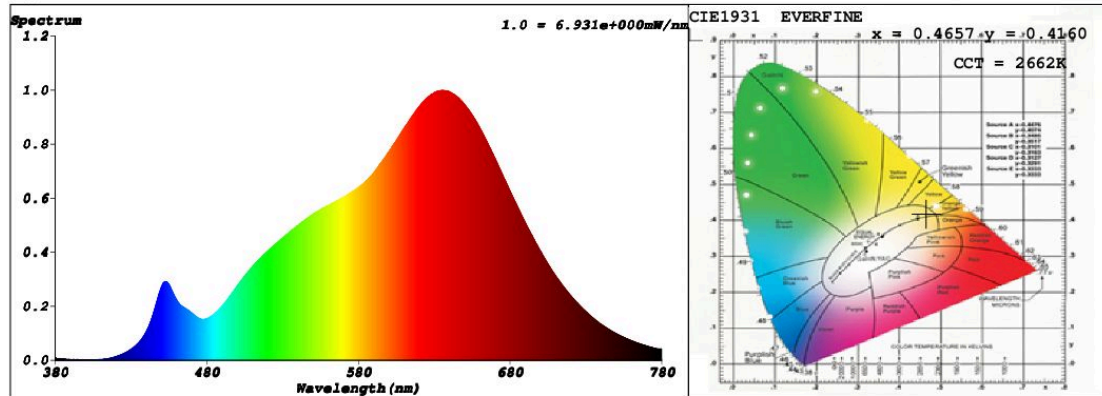
Date : 2017-02-20 10:37:49  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : Schiefer  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 52858 (81%)  
 T : 61 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4657$   $y = 0.4160$  /  $u' = 0.2638$   $v' = 0.5303$  ( $duv=1.51e-03$ )

CCT= 2662K Prcp WL:  $L_d=583.9nm$  Purity=64.7%

Peak WL:  $L_p=635nm$  FWHM: =151.0nm Ratio:R=27.2% G=70.5% B=2.3%

Render Index:  $R_a = 97.1$

R1 =98 R2 =98 R3 =94 R4 =99 R5 =97 R6 =97 R7 =98

R8 =94 R9 =85 R10=93 R11=98 R12=86 R13=98 R14=96 R15=96

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 293.66 lm Eff. : 67.56 lm/W  $F_e = 1.1107 W$

### Electrical parameters

V = 230.1 V I = 0.02638 A P = 4.346 W PF = 0.7160

**Schiefer Professional Lighting**

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