

# 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:** L279355530

## 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:	No

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	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°)	550 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	4,5	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	82
Outer dimensions without separate control gear, lighting control	Height	60	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	27	
	Depth	27	
			See image in last page

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)	0,444 0,403
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	9	Survival factor	0,90
the lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,50	Colour consistency in McAdam ellipses	5
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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a)-: not applicable;

(b)-: not applicable;

## SPL Spectrum Test Report

Sample : 1-1  
 Specification : L279355530  
 Sample No. : L279355530 1  
 Manufacturer :

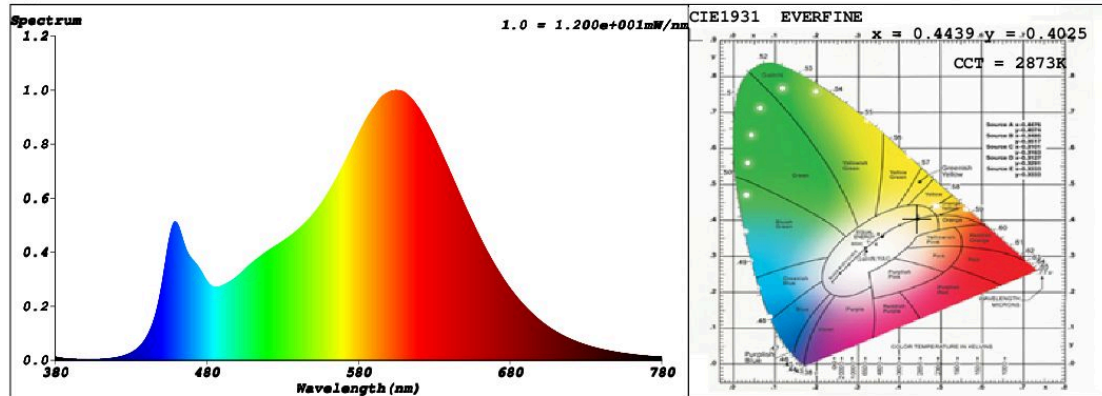
Date : 2017-11-06 09:24:35  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by :  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 53306 (81%)  
 T : 36 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4439$   $y = 0.4025$  /  $u' = 0.2558$   $v' = 0.5218$  ( $duv = -1.50 \times 10^{-3}$ )

CCT= 2873K Prcp WL:  $L_d = 583.9 \text{ nm}$  Purity=54.1%

Peak WL:  $L_p = 605 \text{ nm}$  FWHM:  $\approx 113.0 \text{ nm}$  Ratio: R=24.1% G=72.7% B=3.2%

Render Index:  $R_a = 82.7$

R1 =83 R2 =96 R3 =89 R4 =79 R5 =84 R6 =95 R7 =78

R8 =57 R9 =9 R10=92 R11=79 R12=78 R13=87 R14=95 R15=75

LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 557.03 lm Eff. : 124.39 lm/W  $F_e = 1.7203 \text{ W}$

### Electrical parameters

V = 230.0 V I = 0.04305 A P = 4.478 W PF = 0.4522

**Schiefer Professional Lighting**

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