

# 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:** L229352430

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
Mains or non-mains:	NMLS	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	58	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)	0,445 0,404
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	8	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

## SPL Spectrum Test Report

Sample : 1-1  
 Specification : L229352430  
 Sample No. : L229352430 1  
 Manufacturer :

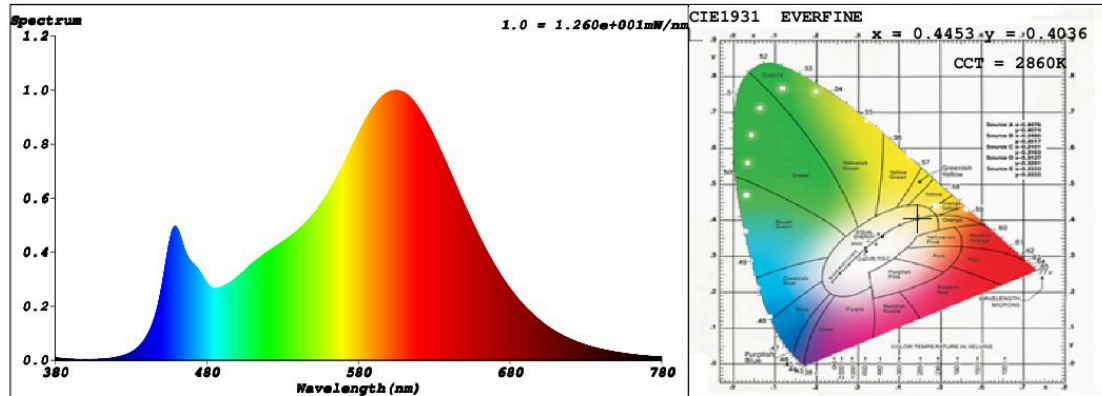
Date : 2017-11-06 10:25:53  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by :  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 51340 (78%)  
 T : 33 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4453$   $y = 0.4036$  /  $u' = 0.2562$   $v' = 0.5225$  ( $duv = -1.24e-03$ )

CCT= 2860K Prcp WL:  $L_d = 583.9\text{nm}$  Purity=54.8%

Peak WL:  $L_p = 605\text{nm}$  FWHM:  $= 112.8\text{nm}$  Ratio: R=24.2% G=72.7% B=3.1%

Render Index:  $R_a = 82.5$

R1 =83 R2 =96 R3 =90 R4 =78 R5 =84 R6 =95 R7 =78

R8 =56 R9 =8 R10=91 R11=78 R12=78 R13=86 R14=95 R15=74

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 584.84 lm Eff. : 127.02 lm/W  $F_e = 1.8019\text{ W}$

### Electrical parameters

V = 30.06 V I = 0.2628 A P = 4.604 W PF = 0.5828

**Schiefer Professional Lighting**

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