

# 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:** 023240400-1

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU5.3		
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	4	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°)	310 in Narrow cone (90°)	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	4 000
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	82
Outer dimensions without separate control gear, lighting control	Height	50	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			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)	0,387 0,391
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	470	Beam angle in degrees, or the range of beam angles that can be set	45
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	6	Survival factor	0,90
the lumen maintenance factor	0,98		

(a) : not applicable;

(b) : not applicable;

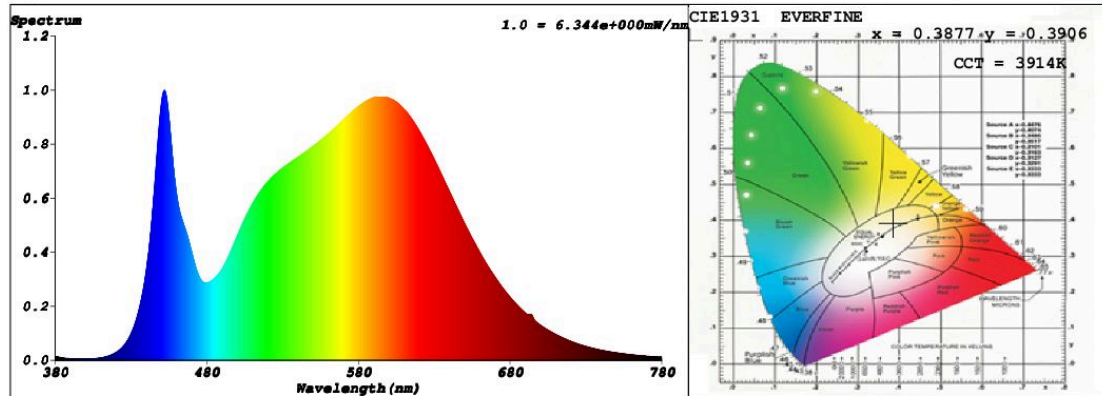
## SPL Spectrum Test Report

Sample	:	Date	: 2021-07-01 14:43:57
Specification	:	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52195 (80%)
Test Mode	: Fast Test	T	: 73 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3877$   $y = 0.3906$  /  $u' = 0.2243$   $v' = 0.5086$  ( $duv=4.33e-03$ )

CCT= 3914K Prcp WL:  $L_d=577.4nm$  Purity=33.6%

Peak WL:  $L_p=452nm$  FWHM:  $=21.8nm$  Ratio:R=18.3% G=78.2% B=3.5%

Render Index:  $R_a = 82.7$

R1 =80 R2 =89 R3 =96 R4 =81 R5 =80 R6 =85 R7 =87

R8 =64 R9 =6 R10=73 R11=80 R12=59 R13=82 R14=98 R15=73

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 359.69 lm Eff. : 0.00 lm/W  $F_e = 1.0729 W$

### Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

**Schiefer Professional Lighting**

[www.spl-lighting.com](http://www.spl-lighting.com)