

# 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:** LB277240030

## 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	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°)	400 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	5,0	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	81	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	0,440 0,400
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	4	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)	1,0	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

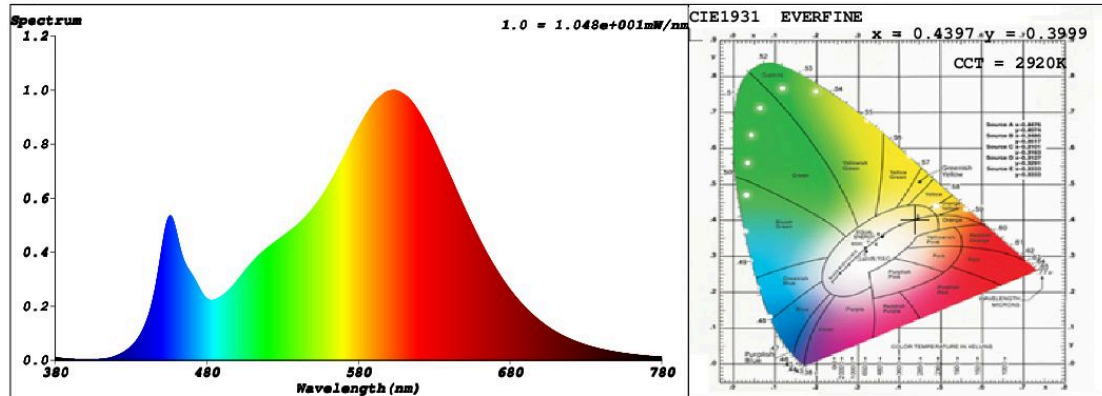
## SPL Spectrum Test Report

Sample	:	Date	: 2019-02-12 10:08:16
Specification	: LB277240030	Sam. Status	:
Sample No.	: LB277240030 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51281 (78%)
Test Mode	: Fast Test	T	: 42 ms
		Sensitivity	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4397$   $y = 0.3999$  /  $u' = 0.2542$   $v' = 0.5201$  ( $duv = -2.03e-03$ )

CCT= 2920K Prcp WL: Ld=583.9nm Purity=52.0%

Peak WL: Lp=603nm FWHM: =116.1nm Ratio:R=23.5% G=73.7% B=2.8%

Render Index: Ra = 81.6

R1 =81 R2 =93 R3 =93 R4 =78 R5 =82 R6 =92 R7 =79

R8 =55 R9 =4 R10=85 R11=77 R12=74 R13=84 R14=97 R15=73

LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 494.63 lm Eff. : 104.95 lm/W Fe = 1.5129 W

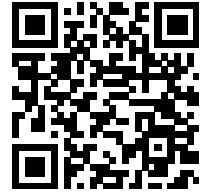
### Electrical parameters

V = 230.0 V I = 0.03925 A P = 4.713 W PF = 0.5219

**Schiefer Professional Lighting**

www.professional-lighting.eu

Model placed on the Union market from 01/09/2021



**EPREL registration number:** 831645

<https://eprel.ec.europa.eu/qr/831645>

**Supplier:** Schiefer Signaal Speciaallampen B.V. (Importer)

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

**Name:** Schiefer Lighting

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Email:** [info@schiefer.nl](mailto:info@schiefer.nl)

**Phone:** +31765037717

**Address:**

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands