

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: L276715037

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:	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	15	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1 500 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	2 700
On-mode power (P_{on}), expressed in W	15,0	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	80
Outer dimensions without separate control gear, light-	Height	135	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	67	
	Depth	67	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,460 0,409
Parameters for LED and OLED light sources:			
R9 colour rendering index value	16	Survival factor	0,70
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,95	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)	0,7	Stroboscopic effect metric (SVM)	0,9

(a): not applicable;

(b): not applicable;

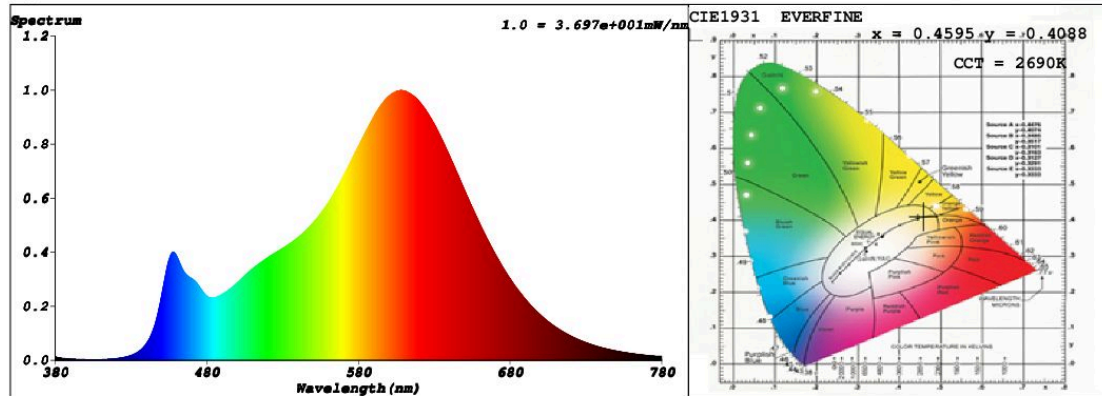
SPL Spectrum Test Report

Sample	:	Date	: 2017-08-08 13:08:08
Specification	:	Sam. Status	:
Sample No.	: L276715037-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 58303 (89%)
Test Mode	: Fast Test	T	: 12 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4595$ $y = 0.4088$ / $u' = 0.2631$ $v' = 0.5266$ ($duv = -6.45e-04$)

CCT= 2690K Prcp WL: $L_d = 584.5\text{nm}$ Purity=60.6%

Peak WL: $L_p = 609\text{nm}$ FWHM: $\approx 112.1\text{nm}$ Ratio: R=25.7% G=71.5% B=2.8%

Render Index: $R_a = 84.2$

R1 =85 R2 =96 R3 =91 R4 =81 R5 =85 R6 =96 R7 =80

R8 =59 R9 =16 R10=92 R11=82 R12=80 R13=88 R14=96 R15=76

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1653.2 lm Eff. : 107.01 lm/W $F_e = 5.2067\text{ W}$

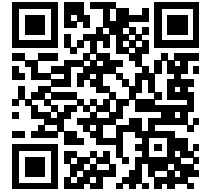
Electrical parameters

V = 230.0 V I = 0.06984 A P = 15.45 W PF = 0.9616

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 28/05/2021



EPREL registration number: 706625

<https://eprel.ec.europa.eu/qr/706625>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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