

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	Height	Spectral power distribution in the	See image in last page
	Width		
			67

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	67	range 250 nm to 800 nm, at full-load	
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;

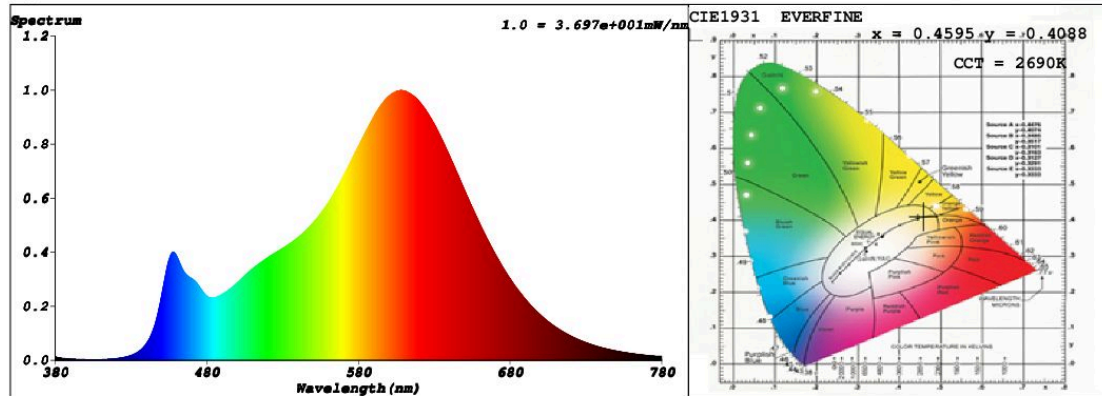
SPL Spectrum Test Report

Sample	:	Date	:	2017-08-08 13:08:08
Specification	:	Sam. Status	:	
Sample No.	:	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: $= 112.1\text{nm}$ 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