

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: L024070507

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:	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	6	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°)	470 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	5,5	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	93
Outer dimensions without separate control gear, light-	Height	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			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)	0,470 0,415
Parameters for LED and OLED light sources:			
R9 colour rendering index value	61	Survival factor	0,96
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	6
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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a): not applicable;

(b): not applicable;

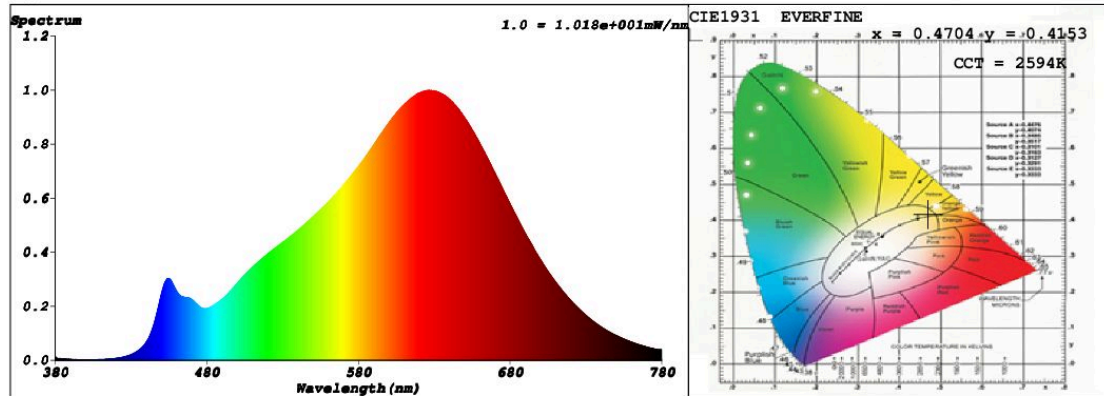
Spectrum Test Report

Sample	: 1	Date	: 2016-03-07 10:05:09
Specification	: 0	Sam. Status	:
Sample No.	: 14	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 45924 (70%)
Test Mode	: Fast Test	T	: 35 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4704$ $y = 0.4153$ / $u' = 0.2672$ $v' = 0.5307$ ($duv=9.29e-04$)

CCT= 2594K Prcp WL: $L_d=584.5nm$ Purity=65.9%

Peak WL: $L_p=626nm$ FWHM: $=143.6nm$ Ratio:R=27.3% G=70.3% B=2.4%

Render Index: $R_a = 93.3$

R1 =93 R2 =98 R3 =99 R4 =93 R5 =93 R6 =98 R7 =91

R8 =82 R9 =61 R10=94 R11=94 R12=85 R13=95 R14=100 R15=89

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 451.18 lm Eff. : 88.45 lm/W $F_e = 1.6431 W$

Electrical parameters

V = 230.1 V I = 0.02552 A P = 5.101 W PF = 0.8685

EVERFINE CORPORATION

<http://www.everfine.cn>