

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: 022451427

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G4		
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:	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	2	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°)	160 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	1,5	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	80
Outer dimensions without separate control gear, light-	Height	35	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	10	
	Depth	10	
			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)	0,447 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	15	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

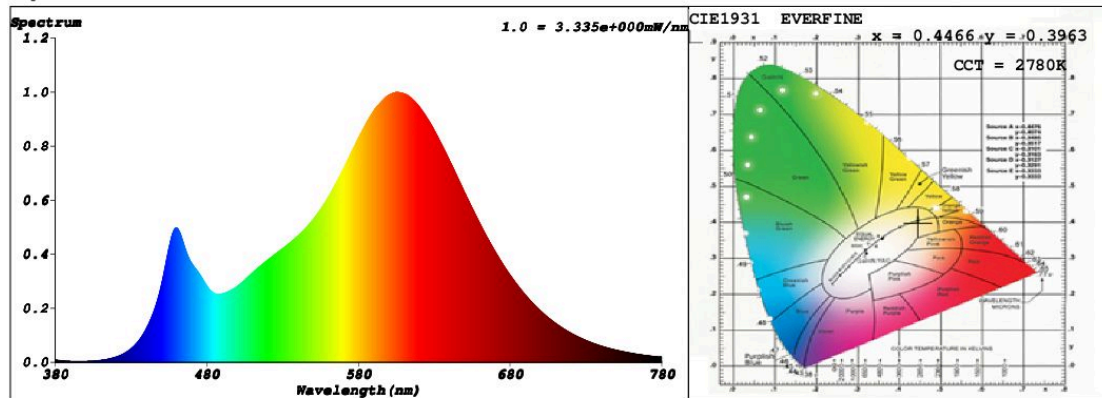
SPL Spectrum Test Report

Sample	:		Date	:	2019-06-27 15:44:27
Specification	:	022451427	Sam. Status	:	
Sample No.	:	022451427 DC test sample 2	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	Schiefer
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	45892 (70%)
Test Mode	:	Fast Test	T	:	118 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4466$ $y = 0.3963$ / $u' = 0.2603$ $v' = 0.5197$ ($duv = -4.23e-03$)

CCT= 2780K Prcp WL: Ld=585.4nm Purity=53.0%

Peak WL: Lp=606nm FWHM: =115.8nm Ratio:R=25.0% G=72.0% B=3.1%

Render Index: Ra = 83.2

R1 =84 R2 =97 R3 =89 R4 =79 R5 =85 R6 =95 R7 =79

R8 =58 R9 =15 R10=92 R11=78 R12=81 R13=88 R14=95 R15=77

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 152.98 lm Eff. : 106.25 lm/W Fe = 493.15 mW

Electrical parameters

V = 12.00 V I = 0.1200 A P = 1.440 W PF = 1.000

Schiefer Professional Lighting

www.professional-lighting.eu