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: L022336244

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	250 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	4 000
On-mode power (P_{on}), expressed in W	2,5	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	82
Outer dimensions without separate control gear, lighting control — Height	48	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	16		
Depth	12		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,380 0,380
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,90
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,80	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;

EVERFINE

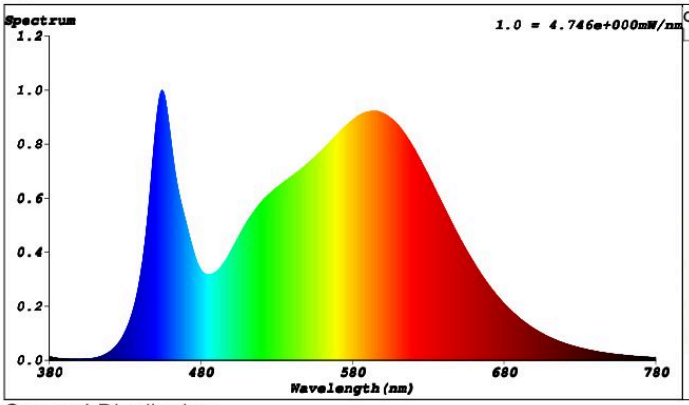
SPL Spectrum Test Report

Sample	:	Date	: 2018-03-20 11:07:56
Specification	:	Sam. Status	:
Sample No.	: L022336244-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

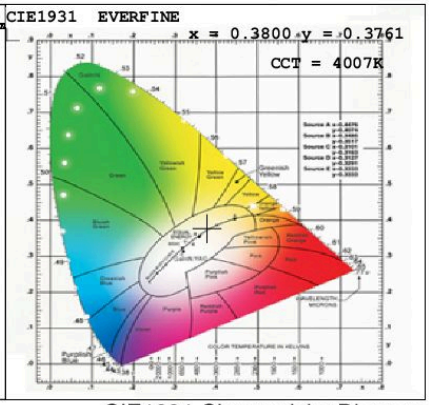
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52298 (80%)
Test Mode	: Fast Test	T	: 98 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3800 y = 0.3761 / u' = 0.2251 v' = 0.5012 (duv=-1.76e-04)

CCT= 4007K Prcp WL: Ld=579.1nm Purity=26.9%

Peak WL: Lp=454nm FWHM: =26.6nm Ratio:R=18.4% G=77.7% B=3.9%

Render Index: Ra = 83.2

R1 =82	R2 =91	R3 =96	R4 =80	R5 =81	R6 =87	R7 =85	
R8 =63	R9 =9	R10=78	R11=78	R12=61	R13=85	R14=98	R15=76

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 249.79 lm Eff. : 0.00 lm/W Fe = 760.81 mW

Electrical parameters

V = 230.1 V I = 0 A P = 0 W PF = 0

Schiefer Professional Lighting
www.professional-lighting.eu