

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: L022451227

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	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°)	100 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	1,0	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	82
Outer dimensions without separate control gear, light-	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,455 0,411	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	16	Survival factor	0,90	
the lumen maintenance factor	0,96			

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : L022451227
Sample No. : L022451227 02
Manufacturer :

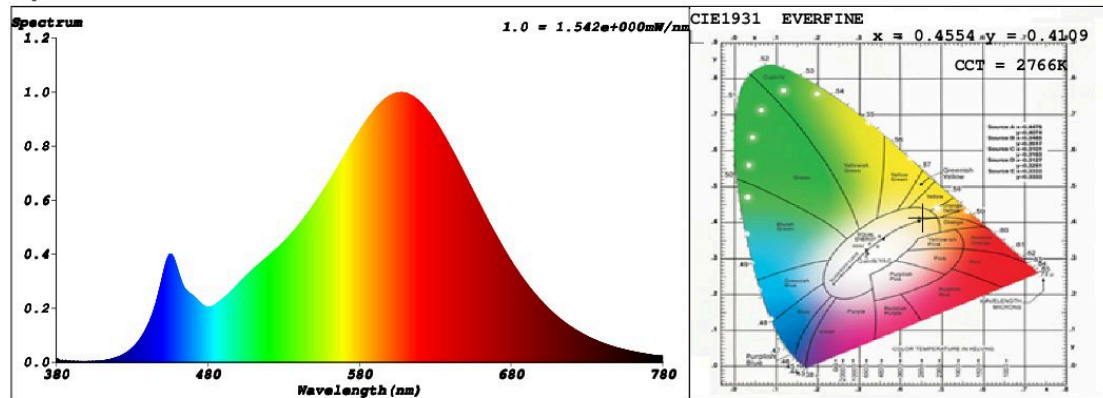
Date : 2018-08-15 14:04:20
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by :
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 46598 (71%)
T : 253 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4554$ $y = 0.4109$ / $u' = 0.2595$ $v' = 0.5268$ ($duv=5.09e-04$)

CCT= 2766K Prcp WL: $L_d=583.7nm$ Purity=60.0%

Peak WL: $L_p=608nm$ FWHM: $=128.8nm$ Ratio: R=24.5% G=73.0% B=2.5%

Render Index: $R_a = 83.1$

$R_1=81$ $R_2=92$ $R_3=96$ $R_4=79$ $R_5=81$ $R_6=91$ $R_7=83$

$R_8=61$ $R_9=16$ $R_{10}=82$ $R_{11}=77$ $R_{12}=74$ $R_{13}=84$ $R_{14}=98$ $R_{15}=75$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 73.614 lm Eff. : 0.00 lm/W Fe = 235.56 mW

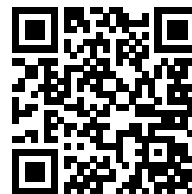
Electrical parameters

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

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 01/09/2021



EPREL registration number: 831179

<https://eprel.ec.europa.eu/qr/831179>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

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Address:

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