

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: 022453527

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	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°)	140 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	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)	0,448 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,90	
the lumen maintenance factor	0,93			

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : 022453527
Sample No. : 022453527
Manufacturer :

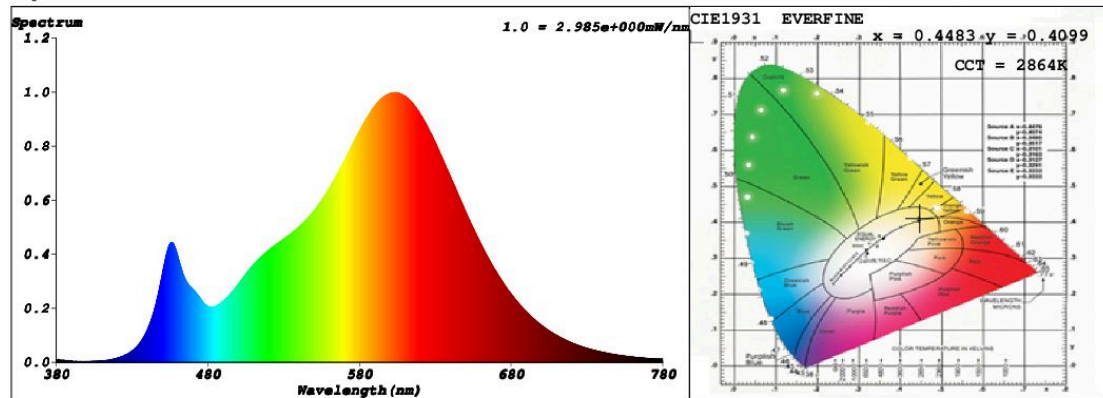
Date : 2018-03-20 11:02:21
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Ralf
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 50411 (77%)
T : 142 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4483$ $y = 0.4099$ / $u' = 0.2554$ $v' = 0.5254$ ($duv=8.69e-04$)

CCT= 2864K Prcp WL: $L_d=583.1nm$ Purity=57.6%

Peak WL: $L_p=604nm$ FWHM: $=115.2nm$ Ratio: R=23.6% G=73.8% B=2.6%

Render Index: $R_a = 81.0$

$R_1=80$ $R_2=92$ $R_3=94$ $R_4=78$ $R_5=80$ $R_6=91$ $R_7=80$

$R_8=54$ $R_9=-0$ $R_{10}=82$ $R_{11}=77$ $R_{12}=72$ $R_{13}=83$ $R_{14}=97$ $R_{15}=71$

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 140.07 lm Eff. : 0.00 lm/W Fe = 420.21 mW

Electrical parameters

V = 12.14 V I = 0 A P = 0 W PF = 0

Schiefer Professional Lighting

www.professional-lighting.eu