

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: L147247037

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	5	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	5,0	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	80
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			45

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	45	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,467 0,422
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	Survival factor	0,70
the lumen maintenance factor		0,70		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		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)		0,7	Stroboscopic effect metric (SVM)	0,9

(a)-: not applicable;

(b)-: not applicable;

SPL Spectrum Test Report

Sample : 5-3
 Specification : L147247037 5-3
 Sample No. : L147247037 5-3
 Manufacturer : SPL

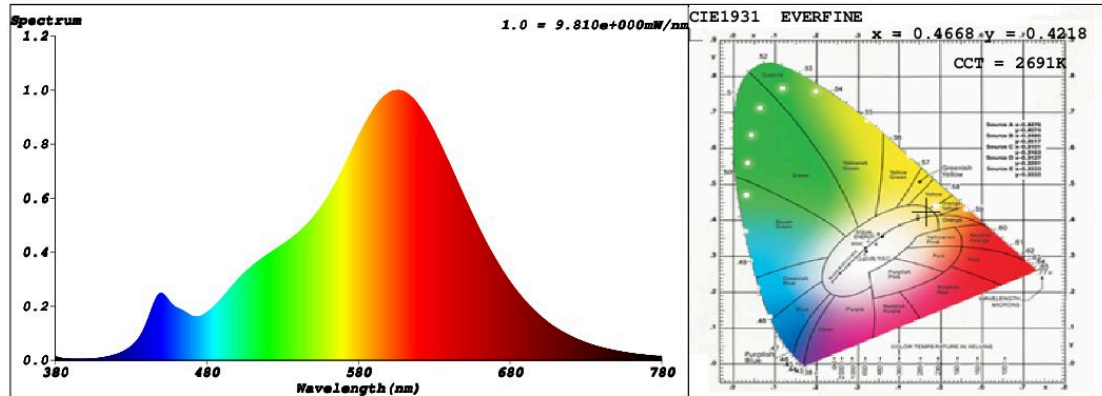
Date : 2017-12-06 15:10:56
 Sam. Status : AC Stable
 Instrument : HaasSuite(EVERFINE)
 Test by : sheena
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52001 (79%)
 T : 43 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4668$ $y = 0.4218$ / $u' = 0.2620$ $v' = 0.5326$ ($duv=3.49e-03$)

CCT= 2691K Prcp WL: $L_d=583.2nm$ Purity=66.7%

Peak WL: $L_p=606nm$ FWHM: $=113.2nm$ Ratio:R=24.9% G=72.8% B=2.3%

Render Index: $R_a = 81.8$

R1 =80 R2 =91 R3 =95 R4 =80 R5 =80 R6 =91 R7 =82

R8 =55 R9 =3 R10=81 R11=80 R12=77 R13=82 R14=98 R15=71

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 446.27 lm Eff. : 90.39 lm/W Fe = 1.3581 W

Electrical parameters

V = 230.1 V I = 0.02559 A P = 4.937 W PF = 0.8384

Schiefer Professional Lighting

www.professional-lighting.eu