

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: LF023820309

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
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°)	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	2 200
On-mode power (P_{on}), expressed in W	4,0	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	93
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)	0,506 0,408	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	83	Survival factor	0,96	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	6	
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)	0,1	Stroboscopic effect metric (SVM)	0,3	

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : LF023820309
Sample No. : LF023820309 01
Manufacturer :

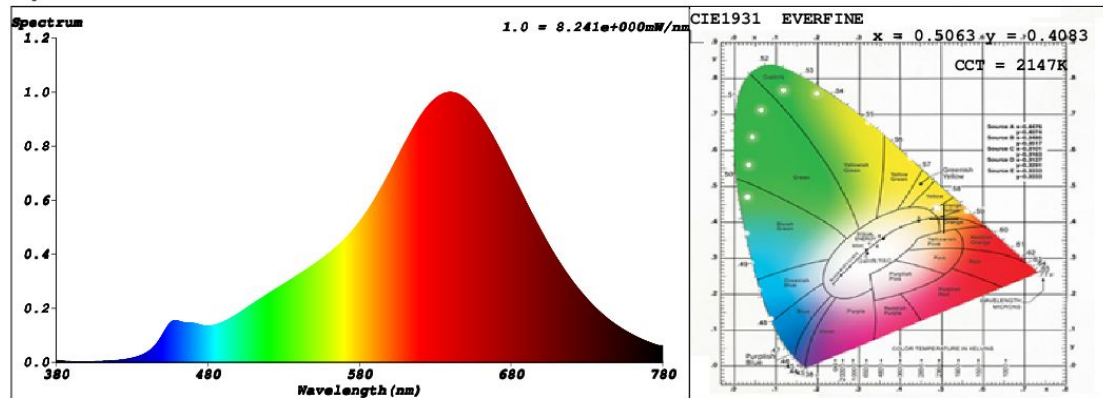
Date : 2019-02-25 09:07:17
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 55428 (85%)
T : 60 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5063$ $y = 0.4083$ / $u' = 0.2941$ $v' = 0.5336$ ($duv = -2.17e-03$)

CCT= 2147K Prcp WL: $L_d = 588.4nm$ Purity=74.5%

Peak WL: $L_p = 640nm$ FWHM: $=121.4nm$ Ratio: R=33.2% G=64.7% B=2.0%

Render Index: $R_a = 95.6$

R1 =99 R2 =97 R3 =97 R4 =99 R5 =98 R6 =92 R7 =93

R8 =91 R9 =83 R10 =95 R11 =95 R12 =84 R13 =98 R14 =99 R15 =97

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 277.59 lm Eff. : 63.22 lm/W $F_e = 1.2135 W$

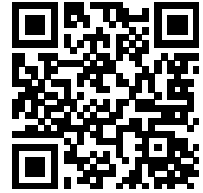
Electrical parameters

V = 230.0 V I = 0.02390 A P = 4.391 W PF = 0.7987

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 25/05/2021



EPREL registration number: 793161

<https://eprel.ec.europa.eu/qr/793161>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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