

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: LF023980309

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
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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	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°)	190 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	4,5	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	93
Outer dimensions without separate control gear, light-	Height	135	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	95	
	Depth	95	
			See image in last page

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)	0,507 0,418
Parameters for LED and OLED light sources:			
R9 colour rendering index value	76	Survival factor	0,96
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,85	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;

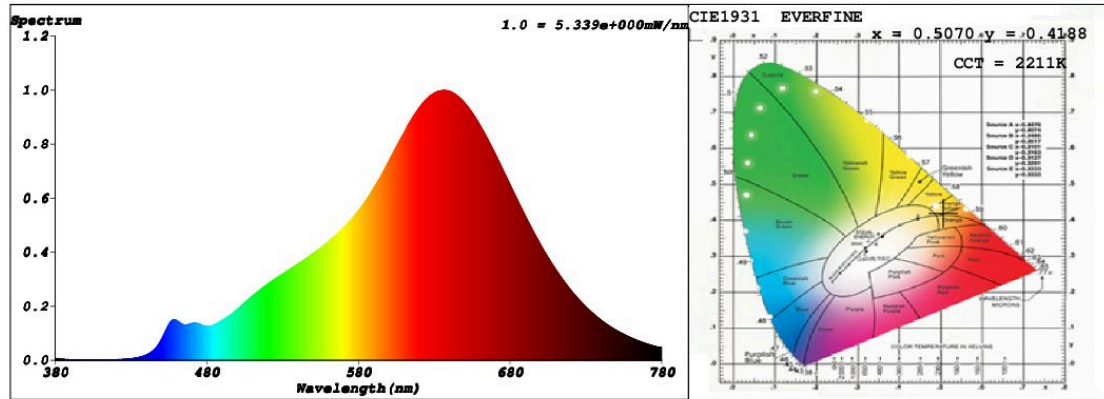
SPL Spectrum Test Report

Sample	:	Date	:	2020-01-02 14:56:02
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	54819 (84%)
Test Mode	:	Fast Test	T	:	94 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5070$ $y = 0.4188$ / $u' = 0.2892$ $v' = 0.5376$ ($duv=1.13e-03$)

CCT= 2211K Prcp WL: $L_d=586.8nm$ Purity=77.9%

Peak WL: $L_p=636nm$ FWHM: =121.7nm Ratio:R=32.0% G=66.1% B=1.9%

Render Index: $R_a = 96.4$

R1 =98 R2 =99 R3 =99 R4 =98 R5 =98 R6 =96 R7 =93

R8 =88 R9 =76 R10=99 R11=97 R12=90 R13=99 R14=98 R15=94

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 190.11 lm Eff. : 46.43 lm/W $F_e = 775.77$ mW

Electrical parameters

V = 229.8 V I = 0.02110 A P = 4.095 W PF = 0.8444

Schiefer Professional Lighting

www.spl-lighting.com