

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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: LF023911905

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	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°)	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	2 000
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	Height	Spectral power distribution in the	See image in last page
	Width		
			200

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	200	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,527
Parameters for LED and OLED light sources:				
R9 colour rendering index value	66	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;

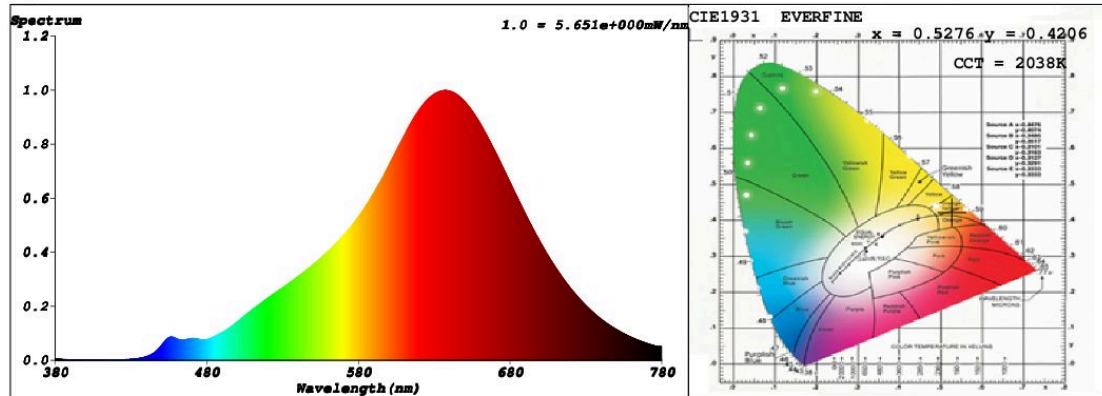
SPL Spectrum Test Report

Sample	:	Date	:	2019-11-01 11:31:32
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	:	53935 (82%)
Test Mode	:	Fast Test	T	:	85 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5276$ $y = 0.4206$ / $u' = 0.3018$ $v' = 0.5414$ ($duv=2.15e-03$)

CCT= 2038K Prcp WL: $L_d=587.9nm$ Purity=84.6%

Peak WL: $L_p=637nm$ FWHM: $=118.5nm$ Ratio:R=34.0% G=64.6% B=1.3%

Render Index: $R_a = 94.5$

R1 =95 R2 =98 R3 =99 R4 =95 R5 =95 R6 =99 R7 =93

R8 =84 R9 =66 R10=94 R11=97 R12=92 R13=96 R14=98 R15=90

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 187.96 lm Eff. : 44.37 lm/W $F_e = 787.26$ mW

Electrical parameters

V = 234.8 V I = 0.02063 A P = 4.236 W PF = 0.8744

Schiefer Professional Lighting

www.spl-lighting.com