

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: LF023899702

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	6	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°)	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	2 500
On-mode power (P_{on}), expressed in W	6,0	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		
			120

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	120	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,504 0,410
Parameters for LED and OLED light sources:				
R9 colour rendering index value		59	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;

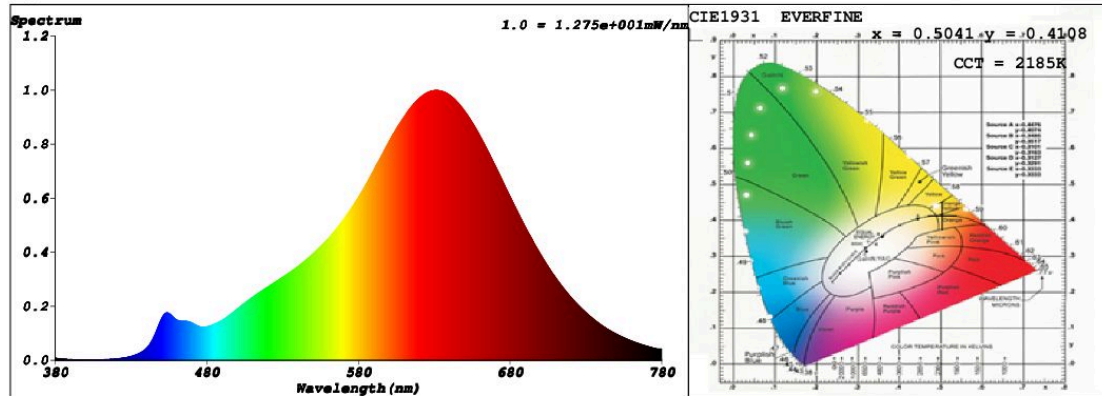
SPL Spectrum Test Report

Sample	:	Date	:	2021-04-22 15:45:54
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	:	56068 (86%)
Test Mode	:	Fast Test	T	:	40 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5041$ $y = 0.4108$ / $u' = 0.2913$ $v' = 0.5342$ ($duv = -1.40e-03$)

CCT= 2185K Prcp WL: $L_d = 587.8nm$ Purity=74.6%

Peak WL: $L_p = 632nm$ FWHM: =122.4nm Ratio:R=32.0% G=66.1% B=1.9%

Render Index: $R_a = 92.5$

R1 =94 R2 =99 R3 =96 R4 =93 R5 =95 R6 =96 R7 =88

R8 =79 R9 =59 R10=98 R11=95 R12=90 R13=96 R14=99 R15=89

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 470.56 lm Eff. : 82.06 lm/W $F_e = 1.8573 W$

Electrical parameters

V = 230.1 V I = 0.02785 A P = 5.735 W PF = 0.8950

Schiefer Professional Lighting

www.spl-lighting.com