

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: LF023811505

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
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		2	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°)		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		1,5	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	95
Outer dimensions without separate control gear, light-	Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	35		
	Depth	35		

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)	0,501 0,409	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	56	Survival factor	0,96	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,80	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 : LF023811505
 Sample No. : LF023811505 02
 Manufacturer :

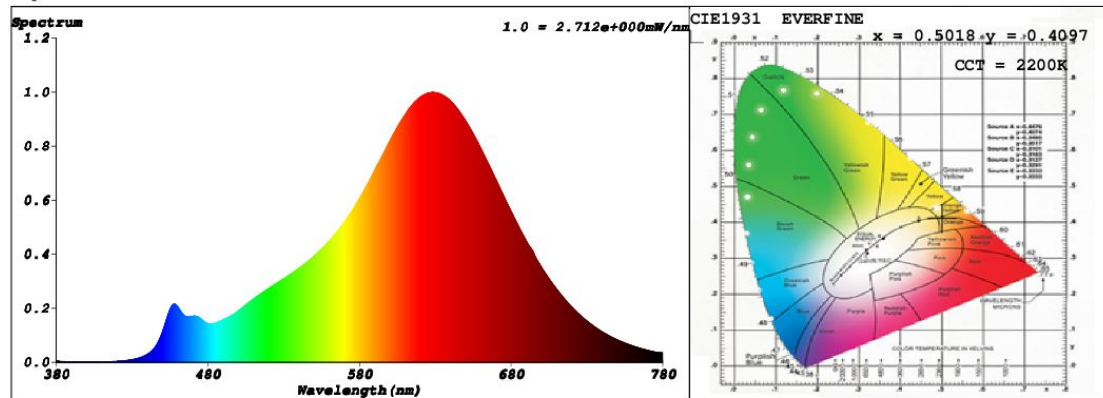
Date : 2019-06-25 12:58:11
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Schiefer
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 51642 (79%)
 T : 167 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5018$ $y = 0.4097$ / $u' = 0.2904$ $v' = 0.5334$ ($duv = -1.79e-03$)

CCT= 2200K Prcp WL: $L_d = 587.8nm$ Purity=73.6%

Peak WL: $L_p = 628nm$ FWHM: $\approx 118.0nm$ Ratio: R=31.9% G=66.0% B=2.0%

Render Index: $R_a = 91.6$

R1 =94 R2 =99 R3 =95 R4 =92 R5 =95 R6 =94 R7 =87

R8 =77 R9 =56 R10 =99 R11 =95 R12 =87 R13 =96 R14 =98 R15 =88

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 100.57 lm Eff. : 62.24 lm/W Fe = 386.87 mW

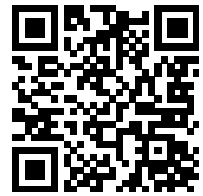
Electrical parameters

V = 229.9 V I = 0.008479 A P = 1.616 W PF = 0.8289

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 05/03/2021



EPREL registration number: 545620

<https://eprel.ec.europa.eu/qr/545620>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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