

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: LF229505622

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
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	5	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°)	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	2 700
On-mode power (P_{on}), expressed in W	5,0	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	80
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)	0,467 0,412	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	26	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 :
Sample No. : LF229505622-2
Manufacturer :

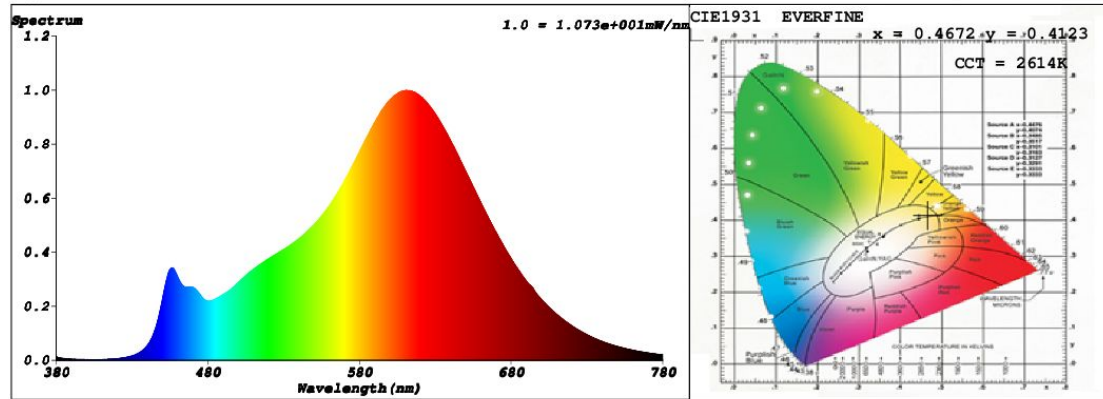
Date : 2017-12-12 13:13:58
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by :
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47008 (72%)
T : 35 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4672$ $y = 0.4123$ / $u' = 0.2665$ $v' = 0.5291$ ($duv=6.81e-05$)

CCT= 2614K Prcp WL: $L_d=584.6nm$ Purity=64.0%

Peak WL: $L_p=611nm$ FWHM: $=118.2nm$ Ratio: R=26.6% G=70.8% B=2.6%

Render Index: $R_a = 86.2$

R1 =87 R2 =97 R3 =92 R4 =84 R5 =88 R6 =97 R7 =82

R8 =64 R9 =26 R10=93 R11=85 R12=83 R13=90 R14=96 R15=79

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 475.94 lm Eff. : 100.97 lm/W $F_e = 1.5626 W$

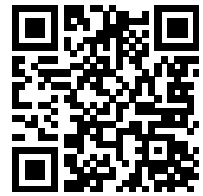
Electrical parameters

V = 230.1 V I = 0.02376 A P = 4.714 W PF = 0.8624

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 05/03/2021 to 11/02/2025



EPREL registration number: 545634

<https://eprel.ec.europa.eu/qr/545634>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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