

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: LF229505621

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	82
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)	0,466 0,420	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	5	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 : LF229505621
Sample No. : LF229505621 01
Manufacturer :

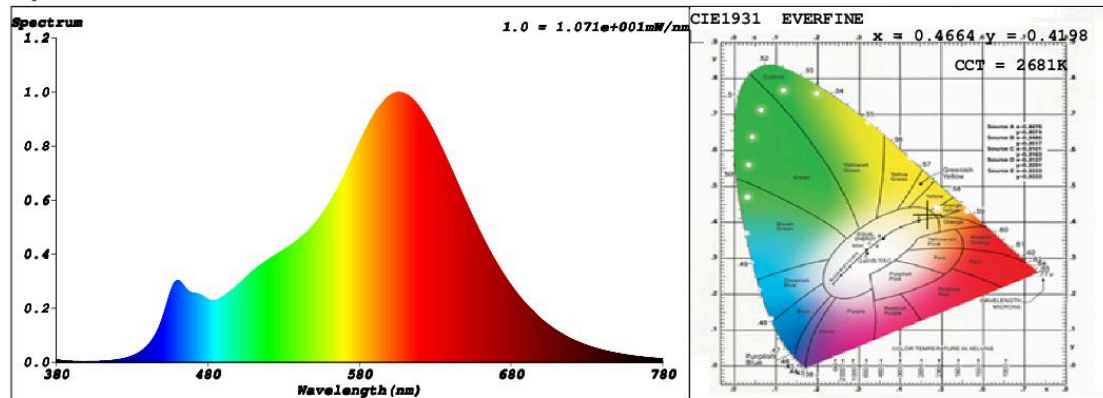
Date : 2019-06-26 13:20:46
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49911 (76%)
T : 40 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4664$ $y = 0.4198$ / $u' = 0.2626$ $v' = 0.5318$ ($duv=2.80e-03$)

CCT= 2681K Prcp WL: $L_d=583.4nm$ Purity=66.0%

Peak WL: $L_p=606nm$ FWHM: $=109.7nm$ Ratio: R=25.2% G=72.2% B=2.6%

Render Index: $R_a = 82.2$

R1 =81 R2 =94 R3 =92 R4 =79 R5 =82 R6 =95 R7 =80

R8 =55 R9 =5 R10=87 R11=79 R12=79 R13=85 R14=96 R15=72

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 480.25 lm Eff. : 93.16 lm/W $Fe = 1.4703 W$

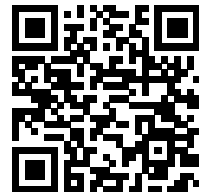
Electrical parameters

V = 229.9 V I = 0.02602 A P = 5.155 W PF = 0.8618

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 01/09/2021



EPREL registration number: 831911

<https://eprel.ec.europa.eu/qr/831911>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

Email: info@schiefer.nl

Phone: +31765037717

Address:

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands