

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: L641435827

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	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°)	350 in Narrow cone (90°)	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)	0,462 0,415	
Parameters for directional light sources:				
Peak luminous intensity (cd)	740	Beam angle in degrees, or the range of beam angles that can be set	36	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	12	Survival factor	0,70	
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,70	Colour consistency in McAdam ellipses	5	
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)	0,7	Stroboscopic effect metric (SVM)	0,9	

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
 Specification : L641435827
 Sample No. : L641435827-2
 Manufacturer :

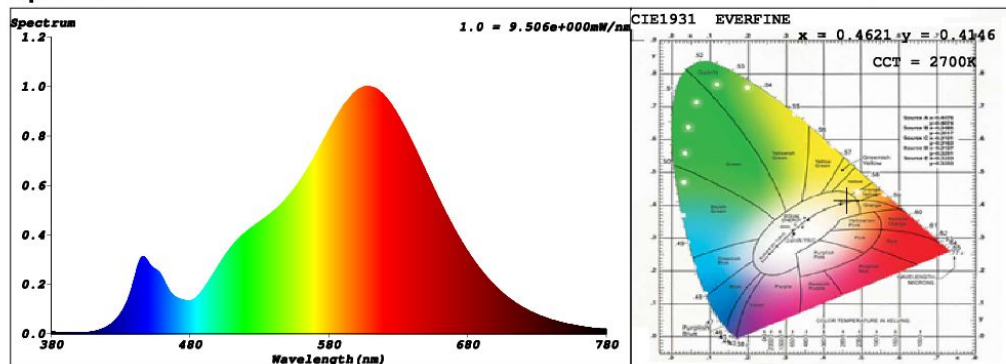
Date : 2021-06-30 11:33:45
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Renee
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52121 (80%)
 T : 48 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4621$ $y = 0.4146$ / $u' = 0.2622$ $v' = 0.5292$ ($duv=1.27e-03$)
 CCT= 2700K Prcp WL: $L_d=583.8nm$ Purity=63.2%
 Peak WL: $L_p=608nm$ FWHM: $=122.1nm$ Ratio:R=25.1% G=72.9% B=2.0%

Render Index: $R_a = 83.3$

R1 =81 R2 =91 R3 =98 R4 =82 R5 =82 R6 =90 R7 =84
 R8 =60 R9 =12 R10=79 R11=82 R12=75 R13=83 R14=99 R15=74
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

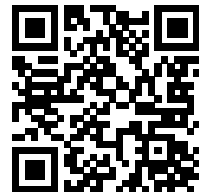
Flux = 438.68 lm Eff. : 85.35 lm/W $F_e = 1.3719 W$

Electrical parameters

V = 229.8 V I = 0.02724 A P = 5.140 W PF = 0.8211

Schiefer Professional Lighting
www.spl-lighting.com

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



EPREL registration number: 832721

<https://eprel.ec.europa.eu/qr/832721>

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