

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: L149150827

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		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°)		450 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	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)	0,458 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	Survival factor	0,90	
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)	1,0	Stroboscopic effect metric (SVM)	0,4	

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : L149150827
Sample No. : L149150827 01
Manufacturer :

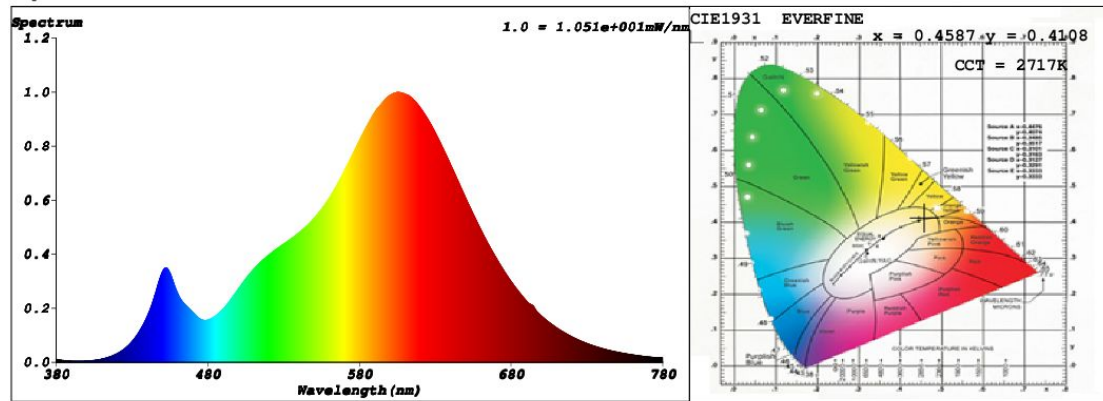
Date : 2021-01-04 16:33:46
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 49939 (76%)
T : 42 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4587$ $y = 0.4108$ / $u' = 0.2617$ $v' = 0.5273$ ($duv=1.69e-04$)

CCT= 2717K Prcp WL: $L_d=584.1nm$ Purity=61.0%

Peak WL: $L_p=606nm$ FWHM: $=115.2nm$ Ratio: R=25.0% G=72.8% B=2.2%

Render Index: $R_a = 82.4$

R1 =81 R2 =92 R3 =95 R4 =80 R5 =81 R6 =91 R7 =82

R8 =57 R9 =6 R10 =81 R11 =80 R12 =77 R13 =83 R14 =98 R15 =73

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 478.90 lm Eff. : 105.73 lm/W $F_e = 1.4850 W$

Electrical parameters

V = 229.8 V I = 0.02745 A P = 4.529 W PF = 0.7180

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021 to 08/07/2022



EPREL registration number: 831326

<https://eprel.ec.europa.eu/qr/831326>

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