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: L148518830

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	300 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	3 000
On-mode power (P_{on}), expressed in W	4,0	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, lighting control — Height	90	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	18		
Outer dimensions without separate control gear, lighting control — Depth	18		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,424 0,407
Parameters for LED and OLED light sources:				
R9 colour rendering index value		21	Survival factor	0,90
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	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)		0,3	Stroboscopic effect metric (SVM)	0,3

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

EVERFINE

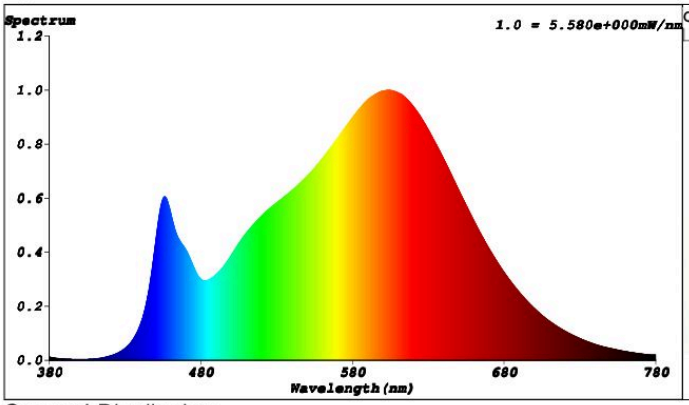
SPL Spectrum Test Report

Sample	:	Date	: 2019-10-31 14:53:19
Specification	: L148518830	Sam. Status	:
Sample No.	: L148518830 02	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

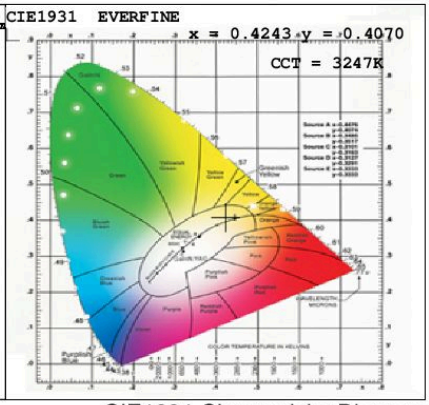
Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50081 (76%)
Test Mode	: Fast Test	T	: 77 ms
		Sensitivity	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4243 y = 0.4070 / u' = 0.2413 v' = 0.5206 (duv=3.14e-03)

CCT= 3247K Prcp WL: Ld=580.7nm Purity=49.5%

Peak WL: Lp=603nm FWHM: =147.6nm Ratio:R=21.7% G=75.1% B=3.2%

Render Index: Ra = 85.3

R1 =84	R2 =93	R3 =97	R4 =82	R5 =84	R6 =92	R7 =85	
R8 =66	R9 =21	R10=84	R11=82	R12=69	R13=87	R14=99	R15=77

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Parameters

Flux = 294.44 lm Eff. : 79.27 lm/W Fe = 911.78 mW

Electrical parameters

V = 229.8 V I = 0.01781 A P = 3.714 W PF = 0.9073

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 22/03/2021

EPREL registration number: 580361 https://eprel.ec.europa.eu/qr/580361

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer) **Website:** www.schiefer.nl

Customer care service:

Name: Schiefer Lighting **Website:** www.schiefer.nl

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