

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: L024359830

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
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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°)	440 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	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	90
Outer dimensions without separate control gear, light-	Height	61	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	18	
	Depth	18	
			See image in last page

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)	0,437 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	61	Survival factor	0,90
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	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)	0,2	Stroboscopic effect metric (SVM)	0,1

(a): not applicable;

(b): not applicable;

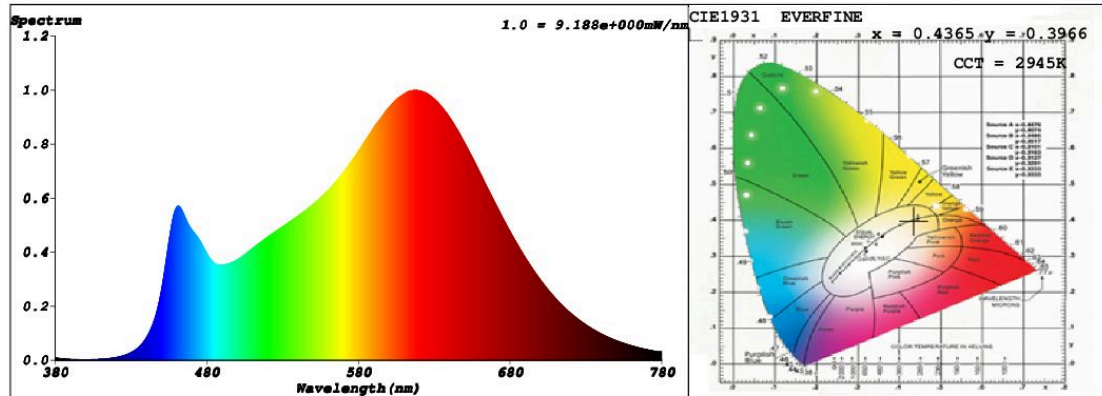
SPL Spectrum Test Report

Sample	:	Date	: 2019-08-23 10:51:34
Specification	: L024359830	Sam. Status	:
Sample No.	: L024359830 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48955 (75%)
Test Mode	: Fast Test	T	: 45 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4365$ $y = 0.3966$ / $u' = 0.2536$ $v' = 0.5184$ ($duv = -2.95e-03$)

CCT= 2945K Prcp WL: Ld=584.2nm Purity=50.1%

Peak WL: Lp=618nm FWHM: =146.6nm Ratio:R=25.1% G=71.1% B=3.8%

Render Index: Ra = 90.9

R1 =96 R2 =97 R3 =91 R4 =90 R5 =95 R6 =92 R7 =86

R8 =79 R9 =61 R10=95 R11=92 R12=80 R13=99 R14=96 R15=91

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 441.78 lm Eff. : 88.98 lm/W Fe = 1.5501 W

Electrical parameters

V = 229.9 V I = 0.02645 A P = 4.965 W PF = 0.8165

Schiefer Professional Lighting

www.professional-lighting.eu