

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: L272901930

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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	10	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°)	1 050 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	10,0	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	Height	Spectral power distribution in the	See image in last page
	Width		
			29

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	29	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,440 0,400
Parameters for LED and OLED light sources:				
R9 colour rendering index value	62	Survival factor		0,90
the lumen maintenance factor	0,93			
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)	0,2	Stroboscopic effect metric (SVM)		0,1

(a)-: not applicable;

(b)-: not applicable;

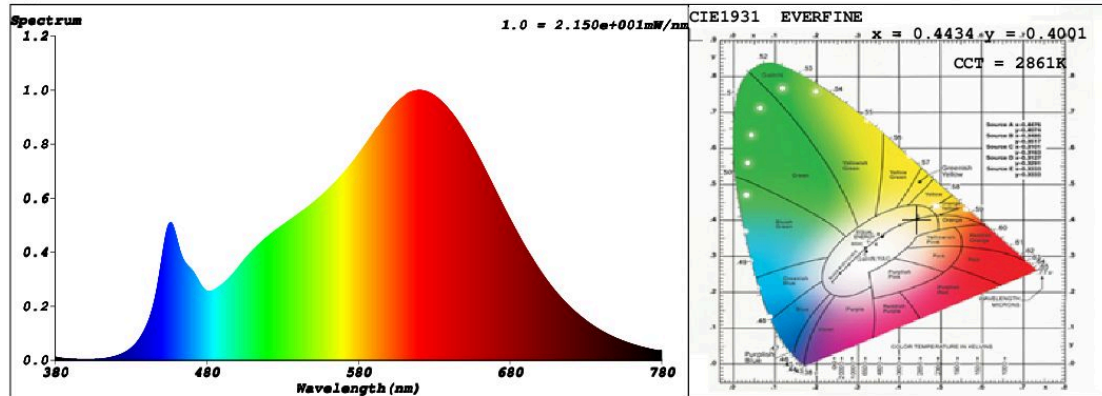
SPL Spectrum Test Report

Sample :	Date :	2020-10-15 14:09:05
Specification : L272901930	Sam. Status :	
Sample No. : L272901930	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Schiefer
	Assessor :	damin

Test Condition

Temperature :	25.3Deg	RH :	65.0%
WL Range :	380nm-780nm	IP :	51678 (79%)
Test Mode :	Fast Test	T :	21 ms
		Sensitivity :	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4434$ $y = 0.4001$ / $u' = 0.2565$ $v' = 0.5208$ ($duv = -2.38e-03$)

CCT= 2861K Prcp WL: Ld=584.3nm Purity=53.2%

Peak WL: Lp=621nm FWHM: =152.4nm Ratio:R=25.5% G=71.4% B=3.1%

Render Index: Ra = 93.2

R1 =95 R2 =99 R3 =97 R4 =93 R5 =95 R6 =96 R7 =90

R8 =81 R9 =62 R10=97 R11=94 R12=84 R13=96 R14=99 R15=91

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1023.7 lm Eff. : 100.72 lm/W Fe = 3.6323 W

Electrical parameters

V = 229.8 V I = 0.04578 A P = 10.16 W PF = 0.9664

Schiefer Professional Lighting

www.spl-lighting.com