

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: L022935430

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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	4	Energy efficiency class	G
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°)	240 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	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	82
Outer dimensions without separate control gear, light-	Height	48	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	35	
	Depth	35	
			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)	0,432 0,406
Parameters for directional light sources:			
Peak luminous intensity (cd)	500	Beam angle in degrees, or the range of beam angles that can be set	35
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	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;

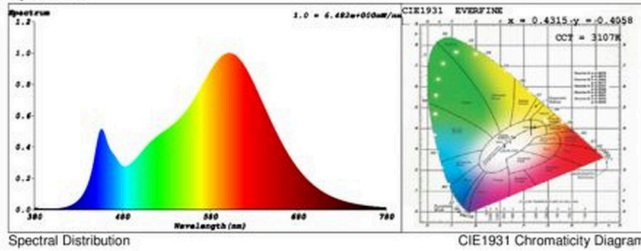
SPL Spectrum Test Report

Sample :	Date : 2021-07-22 16:01:48
Specification : L022935430	Sam. Status :
Sample No. : 2	Instrument : HaasSuite(EVERFINE)
Manufacturer : Renee	Test by : Renee
	Assessor : damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 47761 (73%)
Test Mode : Fast Test	T : 69 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4315$ $y = 0.4058$ / $u' = 0.2464$ $v' = 0.5213$ ($duv=1.47e-03$)
 CCT= 3107K Prcp WL: Ld=581.8nm Purity=51.3%
 Peak WL: Lp=602nm FWHM: =127.1nm Ratio:R=22.2% G=74.7% B=3.1%

Render Index: Ra = 82.4

R1 =81 R2 =93 R3 =94 R4 =79 R5 =82 R6 =92 R7 =81
 R8 =58 R9 =5 R10=84 R11=78 R12=73 R13=84 R14=97 R15=73
 LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 320.87 lm Eff. : 132.50 lm/W Fe = 968.16 mW

Electrical parameters

V = 229.8 V I = 0.01449 A P = 2.422 W PF = 0.7274

Schiefer Professional Lighting
www.spl-lighting.com