

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: L022940030

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	3	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°)	160 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	3,0	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	47	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)	0,444 0,409
Parameters for directional light sources:			
Peak luminous intensity (cd)	270	Beam angle in degrees, or the range of beam angles that can be set	40
Parameters for LED and OLED light sources:			
R9 colour rendering index value	11	Survival factor	0,90
the lumen maintenance factor	0,96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,90	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)	1,0	Stroboscopic effect metric (SVM)	0,4

(a) '-': not applicable;

(b) '-': not applicable;

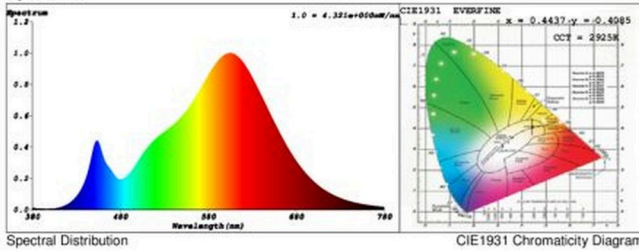
SPL Spectrum Test Report

Sample	:		Date	:	2021-07-23 15:29:20
Specification	:	L022940030	Sam. Status	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Renee	Test by	:	Renee
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51769 (79%)
Test Mode	:	Fast Test	T	:	112 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4437$ $y = 0.4085$ / $u' = 0.2530$ $v' = 0.5241$ ($duv=8.57e-04$)
 CCT= 2925K Prcp WL: Ld=582.9nm Purity=55.8%
 Peak WL: Lp=606nm FWHM: =129.4nm Ratio:R=23.4% G=74.1% B=2.5%

Render Index: Ra = 83.3

R1 =82 R2 =91 R3 =97 R4 =81 R5 =82 R6 =90 R7 =83
 R8 =60 R9 =11 R10=80 R11=81 R12=73 R13=84 R14=99 R15=74
 LEVEL.OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 209.20 lm Eff. : 108.55 lm/W Fe = 646.67 mW

Electrical parameters

V = 229.8 V I = 0.009527 A P = 1.927 W PF = 0.8802