

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: L641771927

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	8	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°)	470 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	2 700
On-mode power (P_{on}), expressed in W	8,0	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	92
Outer dimensions without separate control gear, light-	Height	62	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	64	
	Depth	64	
			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)	0,457 0,409
Parameters for directional light sources:			
Peak luminous intensity (cd)	865	Beam angle in degrees, or the range of beam angles that can be set	38
Parameters for LED and OLED light sources:			
R9 colour rendering index value	90	Survival factor	1,00
the lumen maintenance factor	0,75		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	3
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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a)'.': not applicable;

(b)'.': not applicable;

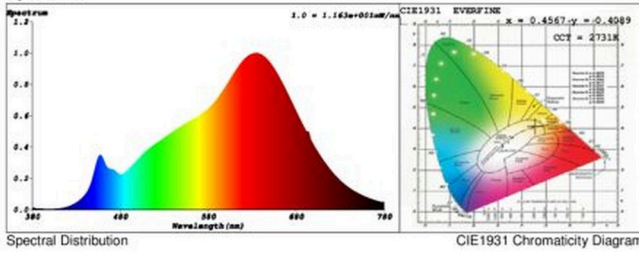
SPL Spectrum Test Report

Sample :	Date :	2021-07-19 14:58:17
Specification : L641771927	Sam. Status :	
Sample No. :	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Renee
	Assessor :	damin

Test Condition

Temperature :	25.3Deg	RH :	65.0%
WL Range :	380nm-780nm	IP :	50850 (78%)
Test Mode :	Fast Test	T :	42 ms
		Sensitivity :	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4567$ $y = 0.4089$ / $u' = 0.2613$ $v' = 0.5262$ ($duv = -3.69e-04$)
 CCT= 2731K Prcp WL: Ld=584.2nm Purity=59.8%
 Peak WL: Lp=634nm FWHM: =151.2nm Ratio:R=27.1% G=70.0% B=2.9%

Render Index: Ra = 97.5

R1 =99 R2 =99 R3 =99 R4 =99 R5 =98 R6 =96 R7 =96
 R8 =95 R9 =90 R10=98 R11=97 R12=88 R13=98 R14=98 R15=98
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 500.39 lm Eff. : 100.72 lm/W Fe = 1.9179 W

Electrical parameters

V = 229.8 V I = 0.03287 A P = 4.968 W PF = 0.6578