

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: L143907027-1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	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°)	210 in Wide cone (120°)	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	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, lighting control	Height	70	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	39	
	Depth	39	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,459 0,420
Parameters for directional light sources:			
Peak luminous intensity (cd)	100	Beam angle in degrees, or the range of beam angles that can be set	110
Parameters for LED and OLED light sources:			
R9 colour rendering index value	16	Survival factor	0,40
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	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;

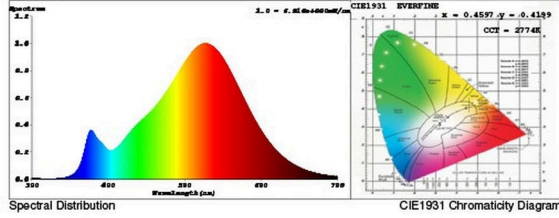
(b) '-': not applicable;

SPL Spectrum Test Report

Sample :	Date :	2018-03-01 15:56:33
Specification :	Sam. Status :	
Sample No. : L143907027-1-2	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Ralf
	Assessor :	damin

Test Condition	
Temperature :	25.3Ddeg
WL Range :	380nm-780nm
Test Mode :	Fast Test
RH :	65.0%
IP :	55690 (85%)
T :	66 ms
Sensitivity :	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinates: $x = 0.4597$ $y = 0.4199$ / $u' = 0.2583$ $v' = 0.5308$ ($duv=3.44e-03$)
 CCT= 2774K Prop WL: Ld=582.8nm Purity=64.0%
 Peak WL: Lp=608nm FWHM: =130.3nm Ratio:R=24.4% G=73.2% B=2.4%

Render Index: Ra = 83.3

R1=82 R2=92 R3=97 R4=79 R5=81 R6=90 R7=84
 R8=62 R9=16 R10=81 R11=77 R12=70 R13=84 R14=99 R15=74
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 332.65 lm Eff. : 79.85 lm/W Fe = 1.0434 W

Electrical parameters

V = 230.2 V I = 0.03482 A P = 4.166 W PF = 0.5198

Schleifer Professional Lighting
www.professional-lighting.eu