

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: L560835900

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Ba15d		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	Yes	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°)	330 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	2000...2800
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	95
Outer dimensions without separate control gear, light-	Height	55	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	70	
	Depth	70	
			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)	0,446 0,400
Parameters for directional light sources:			
Peak luminous intensity (cd)	600	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	86	Survival factor	1,00
the lumen maintenance factor	0,72		

(a) : not applicable;

(b) : not applicable;

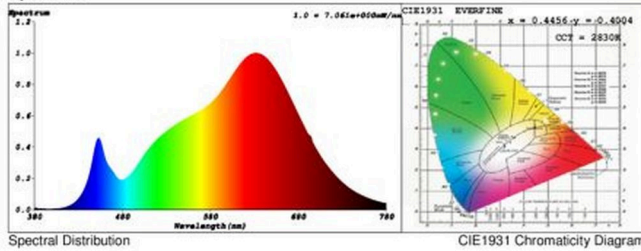
SPL Spectrum Test Report

Sample :	Date : 2021-07-19 13:19:39
Specification : L560835900	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 : 50864 (78%)
Test Mode : Fast Test	T : 69 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4456, y = 0.4004, u' = 0.2578, v' = 0.5212, (duv = -2.52e-03)$
 CCT= 2830K Prcp WL: Ld=584.5nm Purity=53.9%
 Peak WL: Lp=632nm FWHM: =159.6nm Ratio:R=26.2% G=71.1% B=2.7%

Render Index: Ra = 97.1

R1 =99 R2 =99 R3 =96 R4 =97 R5 =99 R6 =97 R7 =96
 R8 =94 R9 =86 R10=95 R11=96 R12=87 R13=99 R14=97 R15=98
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 317.78 lm Eff. : 69.55 lm/W $F_e = 1.1927 W$

Electrical parameters

V = 11.99 V I = 0.4126 A P = 4.569 W PF = 0.9238