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: L223881830

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
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	9	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	810 in Sphere (360°)	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	9,0	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	108	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Outer dimensions without separate control gear, lighting control — Width	38		
Outer dimensions without separate control gear, lighting control — Depth	38		

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 0,407
Parameters for LED and OLED light sources:				
R9 colour rendering index value		8	Survival factor	0,90
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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)		0,3	Stroboscopic effect metric (SVM)	0,3

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

EVERFINE

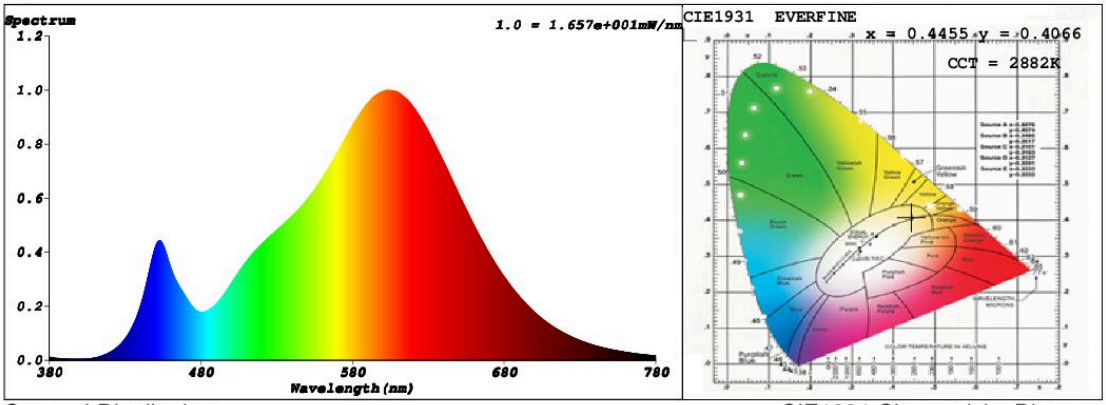
SPL Spectrum Test Report

Sample	:	Date	: 2018-12-03 16:09:02
Specification	: L223881830	Sam. Status	:
Sample No.	: L223881830 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 55999 (85%)
Test Mode	: Fast Test	T	: 29 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4455 y = 0.4066 / u' = 0.2550 v' = 0.5237 (duv=-7.62e-05)

CCT= 2882K Prcp WL: Ld=583.4nm Purity=55.8%

Peak WL: Lp=603nm FWHM: =126.7nm Ratio:R=23.6% G=74.1% B=2.4%

Render Index: Ra = 82.0

R1 =80	R2 =91	R3 =96	R4 =79	R5 =80	R6 =88	R7 =83	
R8 =59	R9 =8	R10=78	R11=78	R12=71	R13=83	R14=99	R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 799.42 lm Eff. : 87.54 lm/W Fe = 2.4703 W

Electrical parameters

V = 230.0 V I = 0.07629 A P = 9.132 W PF = 0.5205

Schiefer Professional Lighting
www.professional-lighting.eu