

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: L641800930

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	R7s		
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 (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	830 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	80
Outer dimensions without separate control gear, lighting control	Height	15	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	118	
	Depth	15	
			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)	0,440 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,90
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	6
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 :
 Specification : L641800930
 Sample No. : 2
 Manufacturer :

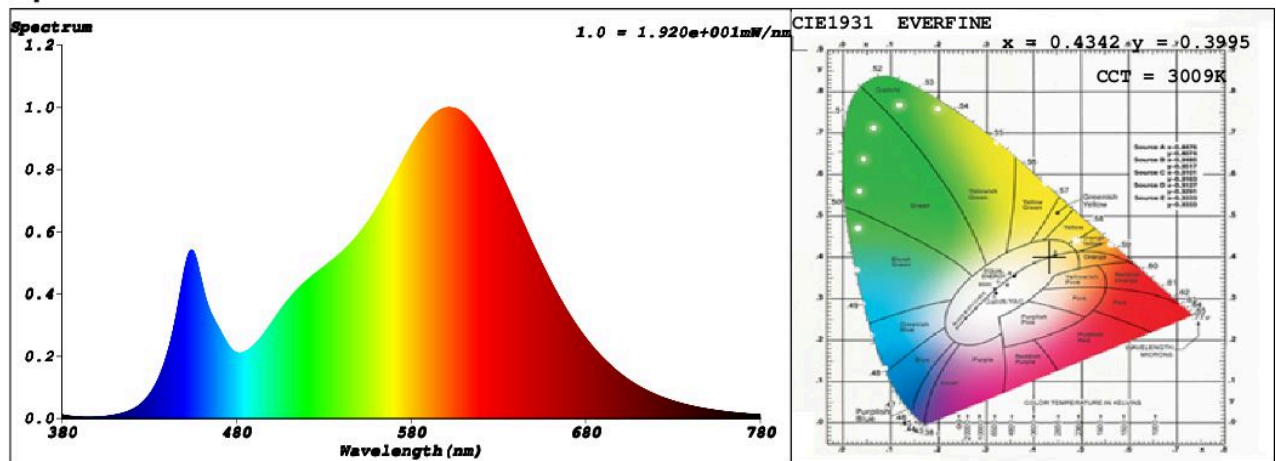
Date : 2021-08-11 15:47:49
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Renee
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 51281 (78%)
 T : 25 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4342$ $y = 0.3995$ / $u' = 0.2508$ $v' = 0.5192$ ($duv = -1.45e-03$)
 CCT= 3009K Prcp WL: $L_d = 583.3nm$ Purity=50.2%
 Peak WL: $L_p = 602nm$ FWHM: =122.0nm Ratio:R=22.8% G=74.5% B=2.7%

Render Index: $R_a = 81.6$

R1 =80 R2 =92 R3 =95 R4 =78 R5 =81 R6 =90 R7 =81
 R8 =56 R9 =3 R10=81 R11=77 R12=72 R13=83 R14=98 R15=73
 LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 929.67 lm Eff. : 161.55 lm/W $F_e = 2.8254 W$

Electrical parameters

V = 229.8 V I = 0.03460 A P = 5.755 W PF = 0.7239

Schiefer Professional Lighting

www.spl-lighting.com