

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: L641801230

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:	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	13	Energy efficiency class	E
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°)	1 520 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	12,5	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, light-	Height	29	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	118	
	Depth	29	
			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)	0,445 0,404
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)	0,90	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 : L641801230
 Sample No. : 1
 Manufacturer :

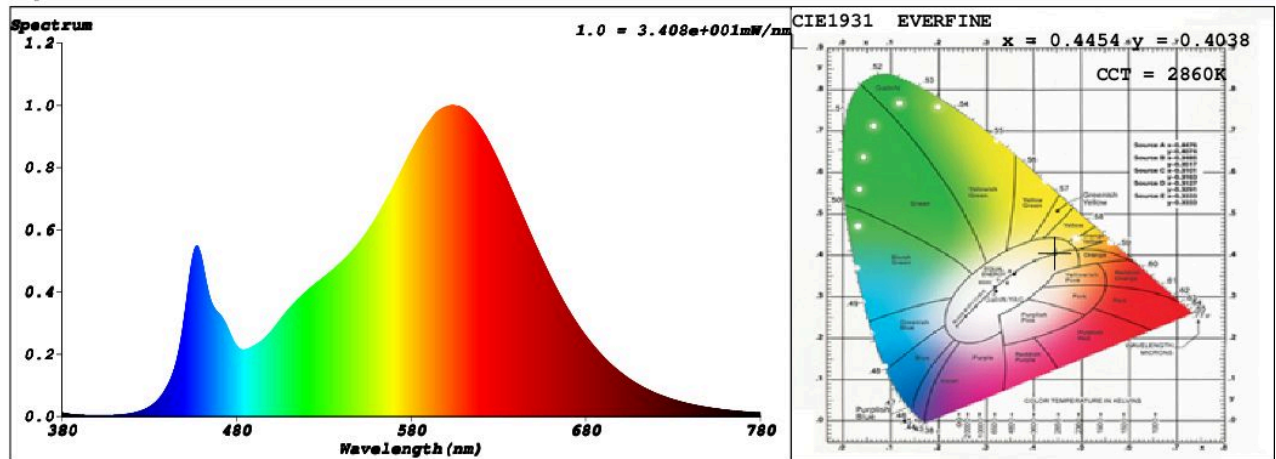
Date : 2021-08-12 08:38:24
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Renee
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 51048 (78%)
 T : 14 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4454$ $y = 0.4038$ / $u' = 0.2562$ $v' = 0.5225$ ($duv = -1.17e-03$)
 CCT= 2860K Prcp WL: $L_d = 583.8nm$ Purity=54.9%
 Peak WL: $L_p = 604nm$ FWHM: =114.8nm Ratio:R=23.9% G=73.4% B=2.8%

Render Index: $R_a = 81.3$

R1 =81 R2 =93 R3 =92 R4 =77 R5 =81 R6 =92 R7 =79
 R8 =55 R9 =3 R10=85 R11=76 R12=72 R13=84 R14=97 R15=73

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1592.3 lm Eff. : 209.75 lm/W Fe = 4.8429 W

Electrical parameters

V = 229.8 V I = 0.03473 A P = 7.591 W PF = 0.9511

Schiefer Professional Lighting

www.spl-lighting.com