

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: L647800630

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	6	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°)	500 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	6,0	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	Height	Spectral power distribution in the	See image in last page
	Width		
			78

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	23	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,443
Parameters for LED and OLED light sources:				
R9 colour rendering index value		7	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		0,80	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 : L647800630
 Sample No. : 1
 Manufacturer :

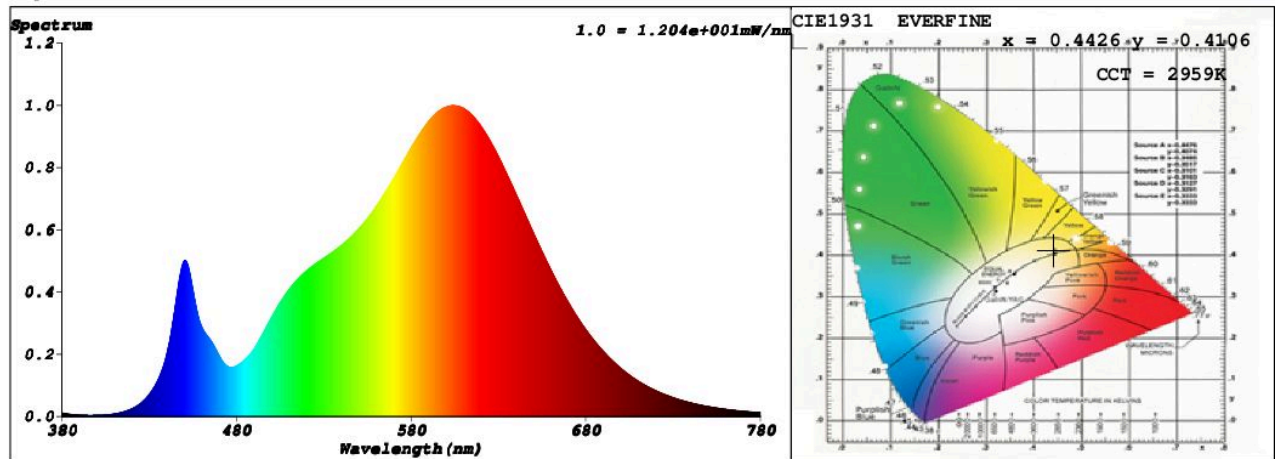
Date : 2021-08-12 09:04:37
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Renee
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 54125 (83%)
 T : 42 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4426$ $y = 0.4106$ / $u' = 0.2514$ $v' = 0.5248$ ($duv=1.80e-03$)
 CCT= 2959K Prcp WL: $L_d=582.4nm$ Purity=56.1%
 Peak WL: $L_p=605nm$ FWHM: $=130.2nm$ Ratio:R=23.1% G=74.6% B=2.3%

Render Index: $R_a = 82.7$

R1 =81 R2 =90 R3 =97 R4 =81 R5 =81 R6 =88 R7 =84
 R8 =59 R9 =7 R10=78 R11=81 R12=70 R13=83 R14=99 R15=73
 LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 587.72 lm Eff. : 165.25 lm/W Fe = 1.7755 W

Electrical parameters

V = 229.8 V I = 0.01749 A P = 3.557 W PF = 0.8849

Schiefer Professional Lighting

www.spl-lighting.com