

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: L647800830

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	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°)	950 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	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	80
Outer dimensions without separate control gear, light-	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,440 0,400	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	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 : L647800830
Sample No. : 2
Manufacturer :

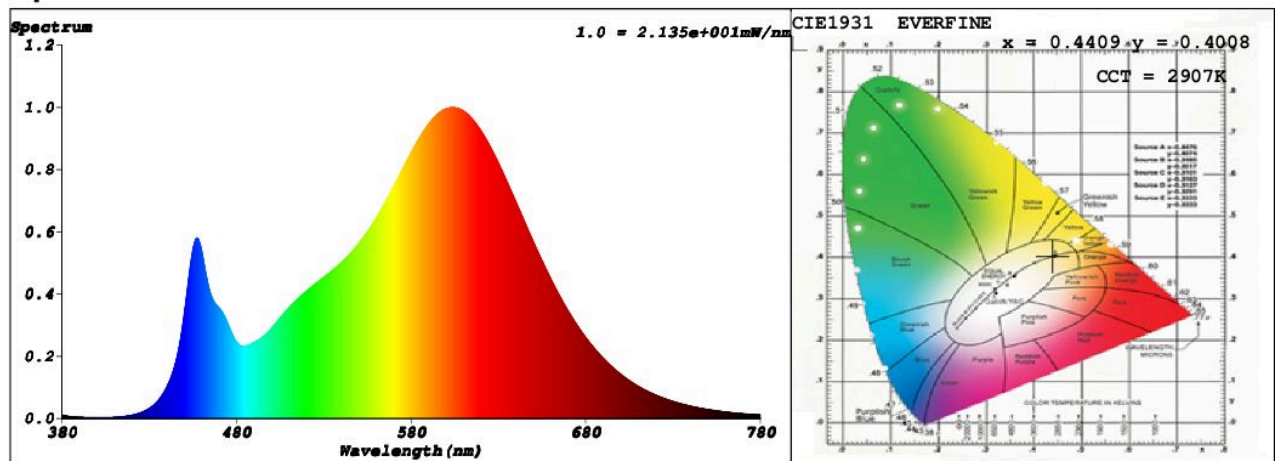
Date : 2021-08-12 09:28:51
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Renee
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 47982 (73%)
T : 21 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4409$ $y = 0.4008$ / $u' = 0.2546$ $v' = 0.5207$ ($duv = -1.82e-03$)
CCT= 2907K Prcp WL: $L_d = 583.9\text{nm}$ Purity=52.6%
Peak WL: $L_p = 604\text{nm}$ FWHM: $= 116.0\text{nm}$ Ratio: R=23.7% G=73.4% B=2.9%

Render Index: $R_a = 81.8$

R1 =82 R2 =94 R3 =92 R4 =78 R5 =82 R6 =93 R7 =79
R8 =56 R9 =6 R10=86 R11=76 R12=74 R13=85 R14=96 R15=74
LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1006.1 lm Eff. : 199.90 lm/W $\eta_e = 3.0780$ W

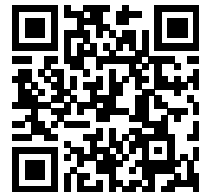
Electrical parameters

V = 229.8 V I = 0.02404 A P = 5.033 W PF = 0.9110

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 20/07/2021



EPREL registration number: 860467

<https://eprel.ec.europa.eu/qr/860467>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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