

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: L024105509

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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	4	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°)	260 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	2 200
On-mode power (P_{on}), expressed in W	4,0	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	93
Outer dimensions without separate control gear, light-	Height	118	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	32	
	Depth	32	
			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)	0,508 0,413
Parameters for LED and OLED light sources:			
R9 colour rendering index value	62	Survival factor	0,96
the lumen maintenance factor	0,96		
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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a): not applicable;

(b): not applicable;

SPL Spectrum Test Report

Sample : 1
 Specification : KC
 Sample No. : L024105509-1
 Manufacturer : Schiefer

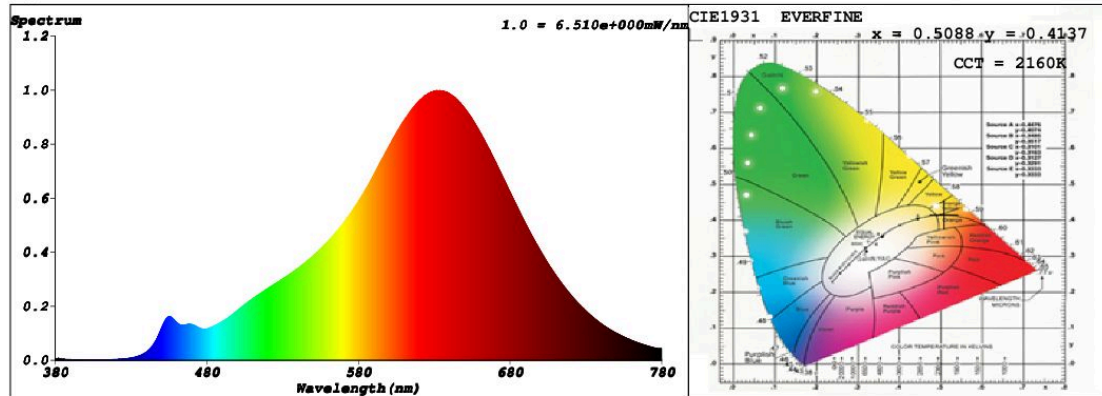
Date : 2016-10-28 09:27:00
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Team SPL
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52367 (80%)
 T : 64 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5088$ $y = 0.4137$ / $u' = 0.2930$ $v' = 0.5360$ ($duv = -4.16e-04$)

CCT= 2160K Prcp WL: $L_d = 587.7\text{nm}$ Purity=76.9%

Peak WL: $L_p = 632\text{nm}$ FWHM: $=122.1\text{nm}$ Ratio: R=32.3% G=65.9% B=1.8%

Render Index: $R_a = 93.1$

R1 =94 R2 =99 R3 =97 R4 =94 R5 =95 R6 =96 R7 =89

R8 =80 R9 =62 R10=98 R11=96 R12=90 R13=96 R14=99 R15=89

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 235.83 lm Eff. : 67.65 lm/W $F_e = 942.12\text{ mW}$

Electrical parameters

V = 230.1 V I = 0.01770 A P = 3.486 W PF = 0.8561

Schiefer Professional Lighting

www.professional-lighting.eu