

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: LF023880603

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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		7	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°)		400 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	1 800
On-mode power (P_{on}), expressed in W		6,5	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	93
Outer dimensions without separate control gear, light-	Height	135	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	95		
	Depth	95		

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)	0,545 0,406	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	82	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 : 120V
 Specification : LF023880603
 Sample No. : LF023880603 - 2
 Manufacturer : SPL

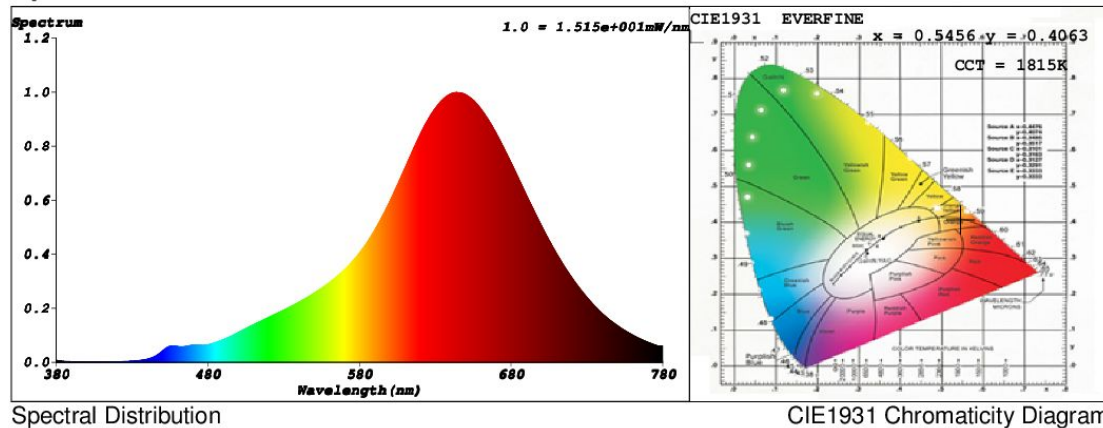
Date : 2018-06-20 09:43:11
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : arjan
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 49817 (76%)
 T : 29 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5456$ $y = 0.4063$ / $u' = 0.3217$ $v' = 0.5390$ ($duv = -7.95e-04$)

CCT= 1815K Prcp WL: Ld=591.0nm Purity=85.8%

Peak WL: Lp=644nm FWHM: =109.7nm Ratio:R=38.8% G=59.9% B=1.3%

Render Index: Ra = 95.3

R1 =99 R2 =97 R3 =98 R4 =98 R5 =97 R6 =90 R7 =93
 R8 =90 R9 =82 R10=95 R11=91 R12=81 R13=98 R14=98 R15=96

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 407.40 lm Eff. : 63.48 lm/W Fe = 2.0005 W

Electrical parameters

V = 230.0 V I = 0.03434 A P = 6.418 W PF = 0.8124

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 01/09/2021



EPREL registration number: 831794

<https://eprel.ec.europa.eu/qr/831794>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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