

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: LF023960205

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
General product parameters:				
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		5	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°)		300 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	2 000
On-mode power (P_{on}), expressed in W		5,0	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	82
Outer dimensions without separate control gear, light-	Height	140	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	64		
	Depth	64		

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)	0,524 0,416	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	5	Survival factor	0,96	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,75	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 :
Specification : LF023960205
Sample No. : LF023960205 02
Manufacturer :

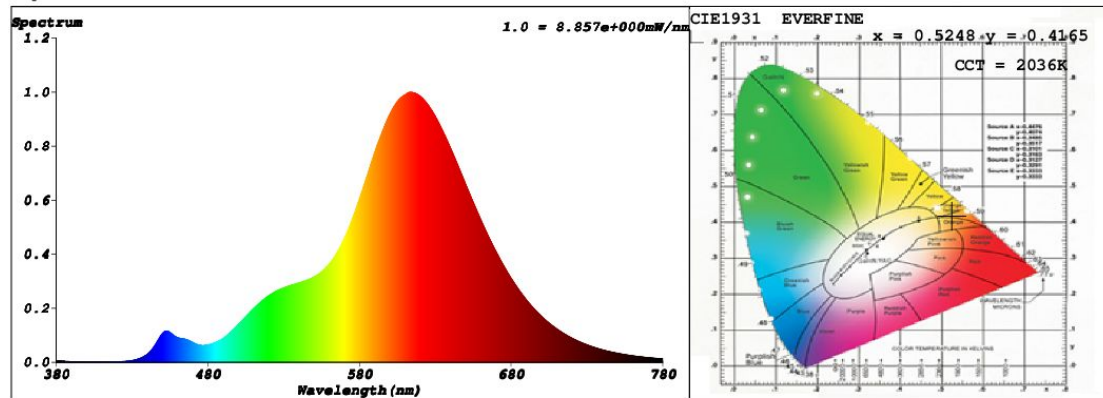
Date : 2020-02-24 12:15:28
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 48995 (75%)
T : 48 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5248$ $y = 0.4165$ / $u' = 0.3021$ $v' = 0.5395$ ($duv=8.60e-04$)

CCT= 2036K Prcp WL: $L_d=588.3nm$ Purity=82.5%

Peak WL: $L_p=614nm$ FWHM: $=89.3nm$ Ratio:R=33.4% G=65.4% B=1.2%

Render Index: $R_a = 82.5$

$R_1=83$ $R_2=95$ $R_3=91$ $R_4=83$ $R_5=84$ $R_6=97$ $R_7=77$

$R_8=51$ $R_9=5$ $R_{10}=90$ $R_{11}=88$ $R_{12}=91$ $R_{13}=86$ $R_{14}=96$ $R_{15}=71$

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 306.90 lm Eff. : 56.71 lm/W $Fe = 1.0180 W$

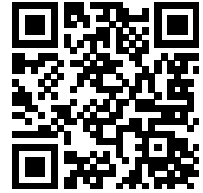
Electrical parameters

V = 229.9 V I = 0.03376 A P = 5.412 W PF = 0.6972

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 07/06/2021 to 21/05/2024



EPREL registration number: 766568

<https://eprel.ec.europa.eu/qr/766568>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

Email: info@schiefer.nl

Phone: +31765037717

Address:

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands