

# 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:** LF023870608-1

## 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:

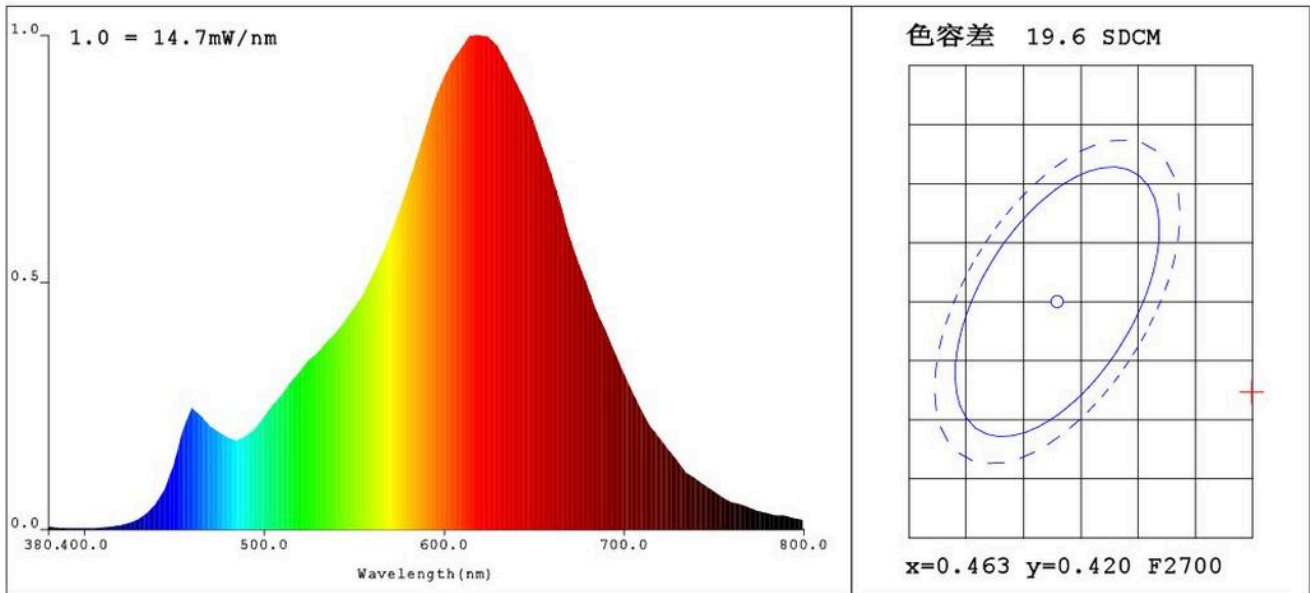
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	600 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 500
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	93
Outer dimensions without separate control gear, light-	Height	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,489 0,412
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	41	Survival factor	0,96
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	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;

## 电光源测试报告



### CIE颜色参数:

色品坐标:  $x=0.4889$   $y=0.4123$  /  $u'=0.2806$   $v'=0.5324$  ( $duv=-8.43e-04$ )

相关色温:  $T_c=2352K$  主波长:  $\lambda_d=586.5nm$  色纯度:  $Purity=70.6\%$

峰值波长:  $\lambda_p=620nm$  半宽度:  $\Delta\lambda_p=120.4nm$  色比:  $R=29.5\%$   $G=68.2\%$   $B=2.2\%$

平均波长:  $\lambda_{av}=613nm$

色品分类: OUT

显色指数:  $R_a=88.9$

R1 =90 R2 =98 R3 =93 R4 =88 R5 =91 R6 =96 R7 =85 R8 =70

R9 =41 R10=96 R11=90 R12=88 R13=93 R14=97 R15=83

### 光参数:

光通量:  $\Phi=597.84(lm)$  光效率:  $\eta=79.69(lm/W)$  光辐射功率  $P=2.153(W)$

### 电参数:

$U=230.8V$   $I=0.03979A$   $P=7.502W$   $PF=0.817$

### 仪器状态:

扫描范围:  $380.0nm-800.0nm$

扫描间隔:  $5.0nm$

主通道峰值:  $I_p=4412(G=6, D=53)$

参考通道:  $REF=24192$

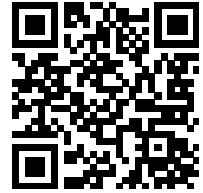
倍增管工作温度:  $31.7^\circ C$

测试模式: 快速测试

产品型号: LF023870608-1  
测试仪器: 远方PMS-80系统  
环境温度:  $150.0^\circ C$   
测试人员: XR

制造厂商: BOFA  
测试单位: BOFA  
环境湿度:  $65.0\%$   
测试日期: 2021-08-17 10:35

Model placed on the Union market from 07/06/2021



**EPREL registration number:** 766532

<https://eprel.ec.europa.eu/qr/766532>

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

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

**Name:** Schiefer Lighting

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Email:** [info@schiefer.nl](mailto:info@schiefer.nl)

**Phone:** +31765037717

**Address:**

Potterbakkerstraat 35

4871EP Etten-Leur

Netherlands