

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: LF023815505-1

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:

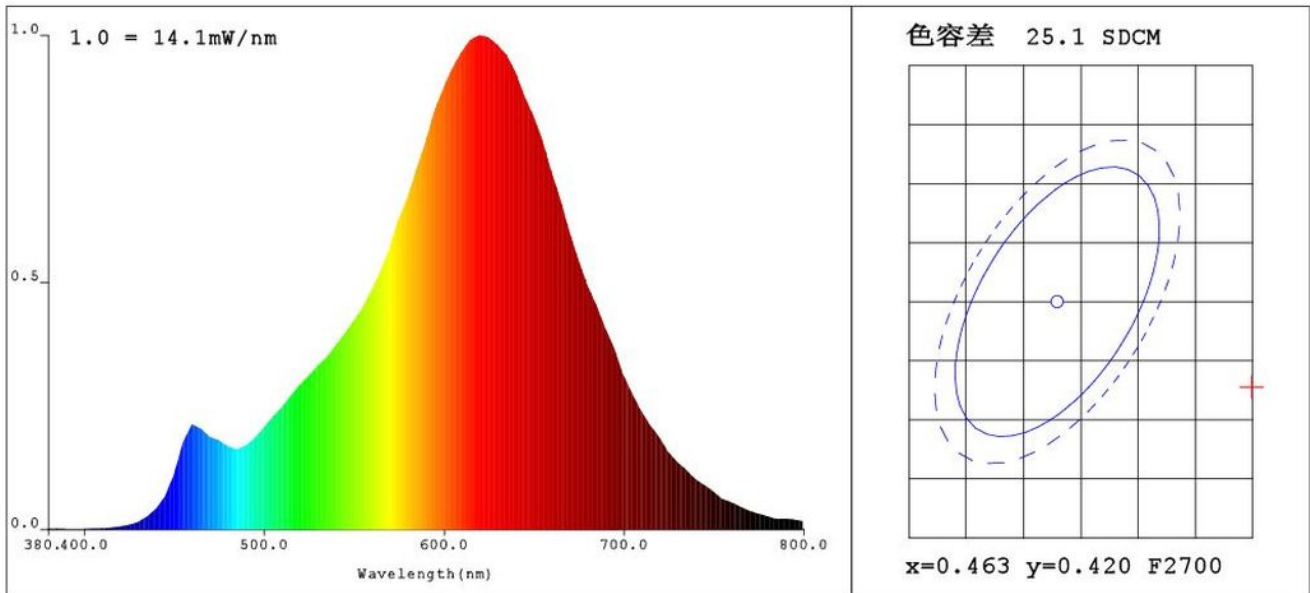
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		8	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		520 in Sphere (360°)	Correlated colour temperature, rounded 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		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	120	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	80		
	Depth	80		

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)	0,498 0,413	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	40	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;

电光源测试报告



CIE颜色参数:

色品坐标: $x=0.4976$ $y=0.4128$ / $u'=0.2860$ $v'=0.5339$ ($duv=-8.00e-04$)

相关色温: $T_c=2264K$ 主波长: $\lambda_d=587.0nm$ 色纯度: $Purity=73.3\%$

峰值波长: $\lambda_p=620nm$ 半宽度: $\Delta\lambda_p=117.2nm$ 色比: $R=30.5\%$ $G=67.4\%$ $B=2.1\%$

平均波长: $\lambda_{av}=615nm$

色品分类: OUT

显色指数: $R_a=88.5$

$R_1=90$ $R_2=98$ $R_3=93$ $R_4=87$ $R_5=90$ $R_6=96$ $R_7=84$ $R_8=69$

$R_9=40$ $R_{10}=96$ $R_{11}=89$ $R_{12}=88$ $R_{13}=92$ $R_{14}=97$ $R_{15}=83$

光参数:

光通量: $\Phi=555.59(lm)$ 光效率: $\eta=75.88(lm/W)$ 光辐射功率 $P=2.023(W)$

电参数:

$U=230.5V$ $I=0.03907A$ $P=7.322W$ $PF=0.813$

仪器状态:

扫描范围: $380.0nm-800.0nm$

扫描间隔: $5.0nm$

主通道峰值: $I_p=4652(G=6, D=59)$

参考通道: $REF=24979$

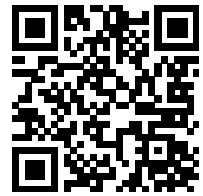
倍增管工作温度: $31.5^\circ C$

测试模式: 快速测试

产品型号: LF023815505-1
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 09:56

Model placed on the Union market from 12/06/2021



EPREL registration number: 831675

<https://eprel.ec.europa.eu/qr/831675>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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