

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: LF023925005

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:

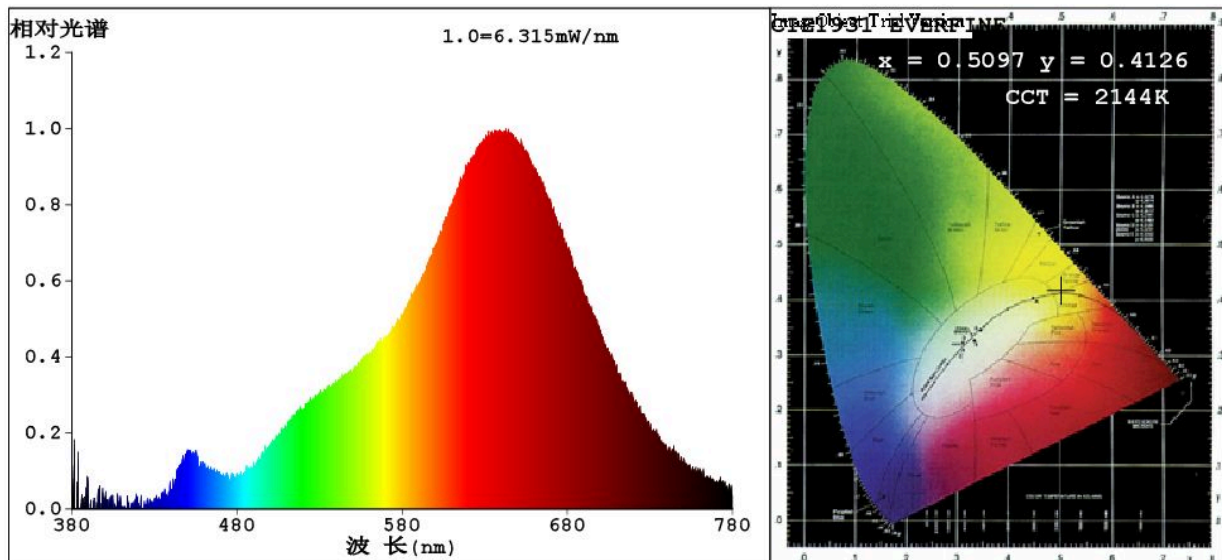
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	140 in Sphere (360°)	Correlated colour temperature, rounded 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	Height	Spectral power distribution in the	See image in last page
	Width		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	125	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,510 0,413
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)	0,85	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;

光源光谱测试报告



颜色参数:

色品坐标: $x=0.5097$ $y=0.4126$ / $u'=0.2941$ $v'=0.5357$

相关色温: CCT=2144K (色差 $Duv=-0.0008$) 主波长: $\lambda_d=587.9\text{nm}$ 色纯度: Purity=76.8%

色比: R=33.1% G=65.3% B=1.6% 峰值波长: $\lambda_p=642.9\text{nm}$ 半峰带宽: FWHM=117.7nm

显色指数: Ra=97.1

R1 =100 R2 =99 R3 =98 R4 =98 R5 =99 R6 =96 R7 =95

R8 =92 R9 =82 R10=99 R11=94 R12=94 R13=99 R14=97 R15=96

光度参数:

光通量 $\Phi = 210.4 \text{ lm}$ 光效: 56.68 lm/W 辐射通量 $\Phi_e = 905.9 \text{ mW}$

电参数:

电压 $V = 230.44 \text{ V}$ 电流 $I = 0.01815 \text{ A}$ 功率 $P = 3.713 \text{ W}$ 功率因数 PF = 0.8880

分级: OUT 白光分类: OUT

仪器状态: 积分时间 $T = 3179 \text{ ms}$ $I_p = 20842 (32\%)$

产品型号: LF023925005

测试人员: QIU

环境温度: 25.3°C

制造厂商:

产品编号: 2

测试日期: 2021-05-07

环境湿度: 65.0%

备注: