

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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: L277235012

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:

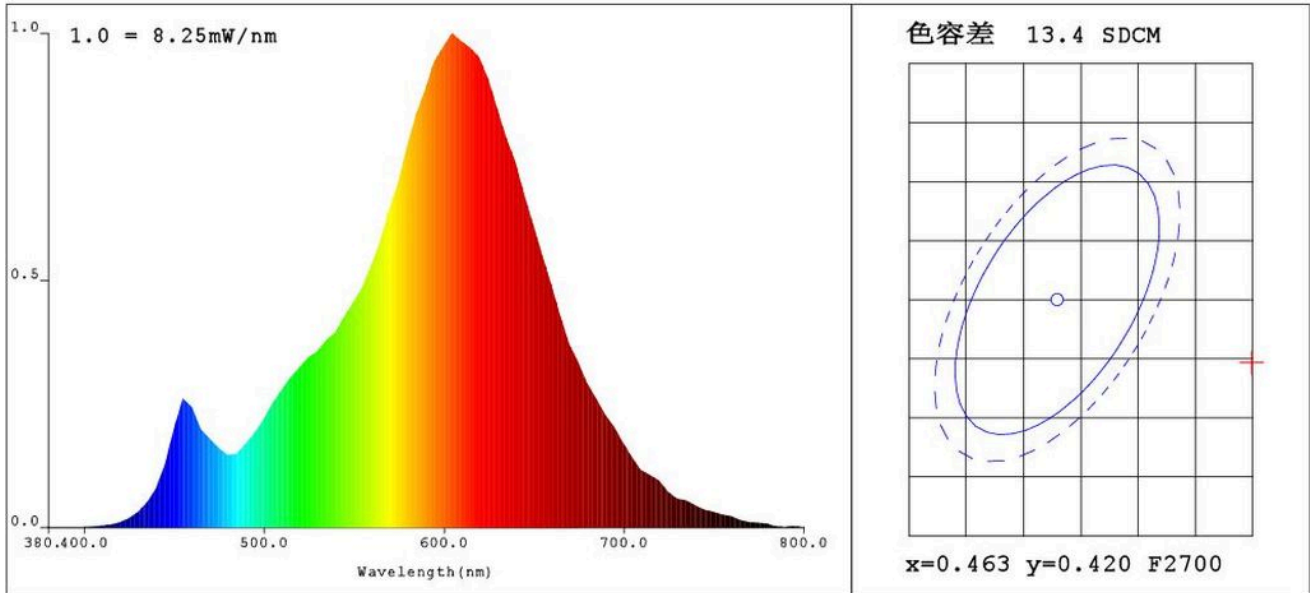
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	350 in Sphere (360°)	Correlated colour temperature, rounded 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	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	80
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			45

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	45	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,481
Parameters for LED and OLED light sources:				
R9 colour rendering index value		1	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: $x=0.4807$ $y=0.4147/u'=0.2741$ $v'=0.5320$ ($duv=1.83e-04$)
相关色温: $T_c=2463K$ 主波长: $\lambda_d=585.5nm$ 色纯度: $Purity=68.8\%$
峰值波长: $\lambda_p=605nm$ 半宽度: $\Delta\lambda_p=102.6nm$ 色比: $R=27.2\%$ $G=70.8\%$ $B=2.0\%$
平均波长: $\lambda_{av}=601nm$ 色品分类: OUT

显色指数: $R_a=80.7$

R1 =80 R2 =93 R3 =92 R4 =78 R5 =80 R6 =94 R7 =78 R8 =52
R9 =1 R10=85 R11=78 R12=80 R13=83 R14=96 R15=70

光参数:

光通量: $\Phi=343.33(lm)$ 光效率: $\eta=85.64(lm/W)$ 光辐射功率 $P=1.070(W)$

电参数:

$U=230.5V$ $I=0.01977A$ $P=4.009W$ $PF=0.880$

仪器状态:

扫描范围: $380.0nm-800.0nm$
参考通道: REF=12683

扫描间隔: $5.0nm$
倍增管工作温度: $31.3^{\circ}C$

主通道峰值: $I_p=2501(G=6, D=59)$
测试模式: 快速测试

产品型号: L277235012
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 09:15