

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: L278047011

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	5	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°)	470 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	1800...2700
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	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)	0,448
Parameters for LED and OLED light sources:				
R9 colour rendering index value	28	Survival factor	0,90	
the lumen maintenance factor	0,93			
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)	1,0	Stroboscopic effect metric (SVM)	0,4	

(a)-: not applicable;

(b)-: not applicable;

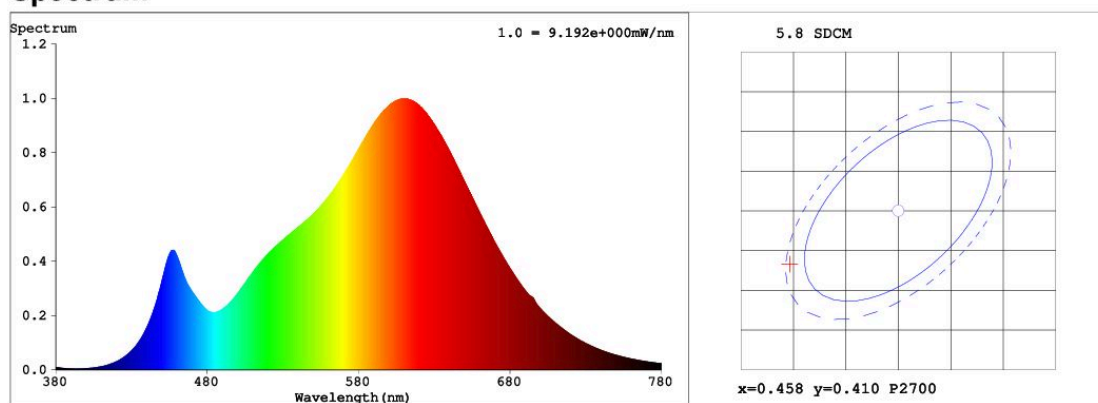
Spectrum Test Report

Sample :
Specification : L278047011
Sample No. : L278047011
Manufacturer :
Assessor :
Remark :
Date : 2020-02-26 15:34:42
: 正常
Standard : LM-79-80
Instrument : HaasSuite(EVERFINE)
Test by : 张鹏宇 (蓝菲)

Test Condition

Temperature : 22.2Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High
RH : 30.1%
IP : 52253 (80%)
T : 176 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4476$ $y = 0.4033$ / $u' = 0.2579$ $v' = 0.5227$ ($duv = -1.62e-03$)
CCT= 2821K Prcp WL: Ld=584.2nm Purity=55.4%
Peak WL: Lp=611nm FWHM: =133.0nm Ratio:R=24.8% G=72.5% B=2.6%

Render Index: Ra = 86.5 TM30:Rf=85 Rg=97

R1 =86 R2 =95 R3 =96 R4 =84 R5 =86 R6 =94 R7 =85
R8 =66 R9 =28 R10=87 R11=84 R12=79 R13=89 R14=99 R15=80
LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 435.11 lm Eff. : 88.08 lm/W Fe = 1.4198 W
Flux of emitted photons($\mu\text{mol/s}$):6.9892 Fluo. and blue light ratio:9.005 Fluorescent eff.:184.0

Electrical parameters

V = 230.01 V I = 0.03020 A P = 4.940 W PF = 0.7112

EVERFINE CORPORATION
<http://www.everfine.cn>