

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: L276051827

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	2 700
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 without separate control gear, light-	Height	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	60		
	Depth	60		

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)	0,459 0,406	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	15	Survival factor	0,90	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,92	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;

SPL Spectrum Test Report

Sample :
Specification : L276051827
Sample No. : L276051827 01
Manufacturer :

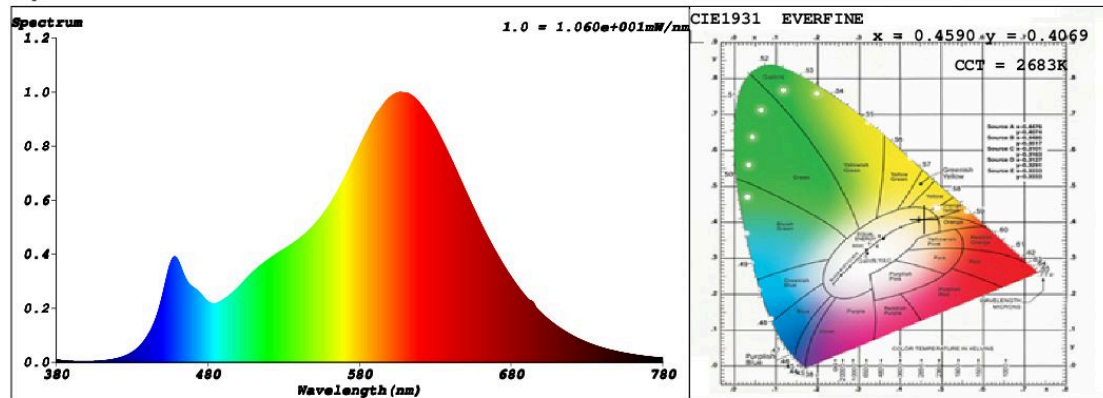
Date : 2021-01-04 15:17:08
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 47187 (72%)
T : 39 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4590$ $y = 0.4069$ / $u' = 0.2636$ $v' = 0.5258$ ($duv = -1.30e-03$)

CCT= 2683K Prcp WL: $L_d = 584.7nm$ Purity=59.9%

Peak WL: $L_p = 608nm$ FWHM: $= 112.9nm$ Ratio: R=25.7% G=71.6% B=2.7%

Render Index: $R_a = 84.1$

R1=84 R2=96 R3=91 R4=81 R5=85 R6=96 R7=80

R8=59 R9=15 R10=91 R11=82 R12=82 R13=87 R14=96 R15=76

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 474.66 lm Eff. : 86.60 lm/W $F_e = 1.5091 W$

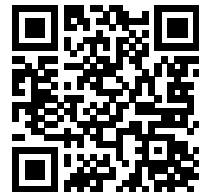
Electrical parameters

V = 229.8 V I = 0.03069 A P = 5.481 W PF = 0.7772

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 31/05/2021



EPREL registration number: 767179

<https://eprel.ec.europa.eu/qr/767179>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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