

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: L024372427-1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba15d		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	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°)	190 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	2,0	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, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,464 0,410	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	9	Survival factor	0,90	
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample :
Specification : L024372427-1
Sample No. : L024372427-1 01
Manufacturer :

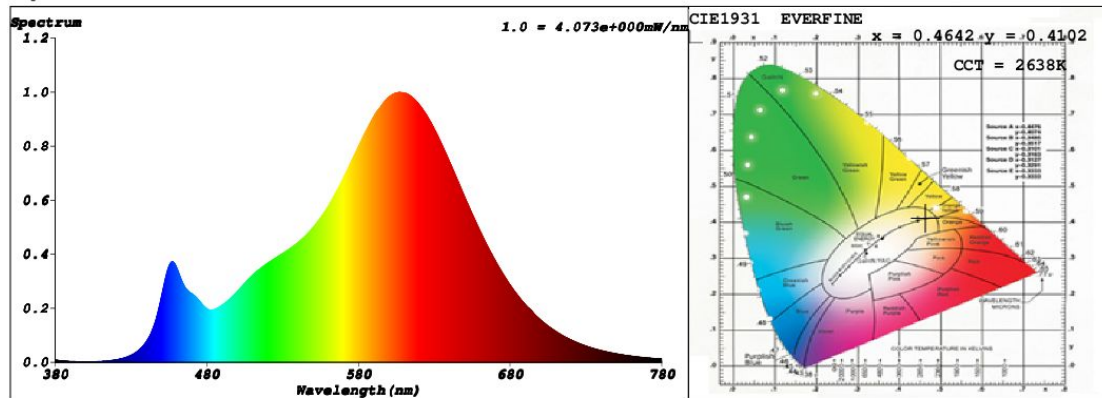
Date : 2021-03-17 15:15:37
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Schiefer
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 51964 (79%)
T : 112 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4642$ $y = 0.4102$ / $u' = 0.2655$ $v' = 0.5278$ ($duv = -4.84e-04$)

CCT= 2638K Prcp WL: $L_d = 584.7nm$ Purity=62.5%

Peak WL: $L_p = 608nm$ FWHM: $= 109.1nm$ Ratio: R=25.9% G=71.6% B=2.5%

Render Index: $R_a = 82.6$

R1 =82 R2 =94 R3 =92 R4 =79 R5 =83 R6 =95 R7 =79

R8 =56 R9 =9 R10=88 R11=80 R12=79 R13=85 R14=96 R15=74

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 180.10 lm Eff. : 110.38 lm/W $F_e = 559.82 mW$

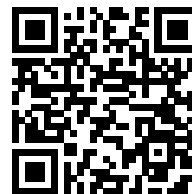
Electrical parameters

V = 12.03 V I = 0.1959 A P = 1.632 W PF = 0.6925

Schiefer Professional Lighting

www.spl-lighting.com

Model placed on the Union market from 01/09/2021



EPREL registration number: 831245

<https://eprel.ec.europa.eu/qr/831245>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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Address:

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