

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: L276034005

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°)		400 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 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)	0,470 0,419	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6	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;

Spectrum Test Report



Product : L276034005
Sample No. :
Manufacturer :

Date : 2020-06-12
Instrument : HAAS-2000(EVERFINE)
Operator :

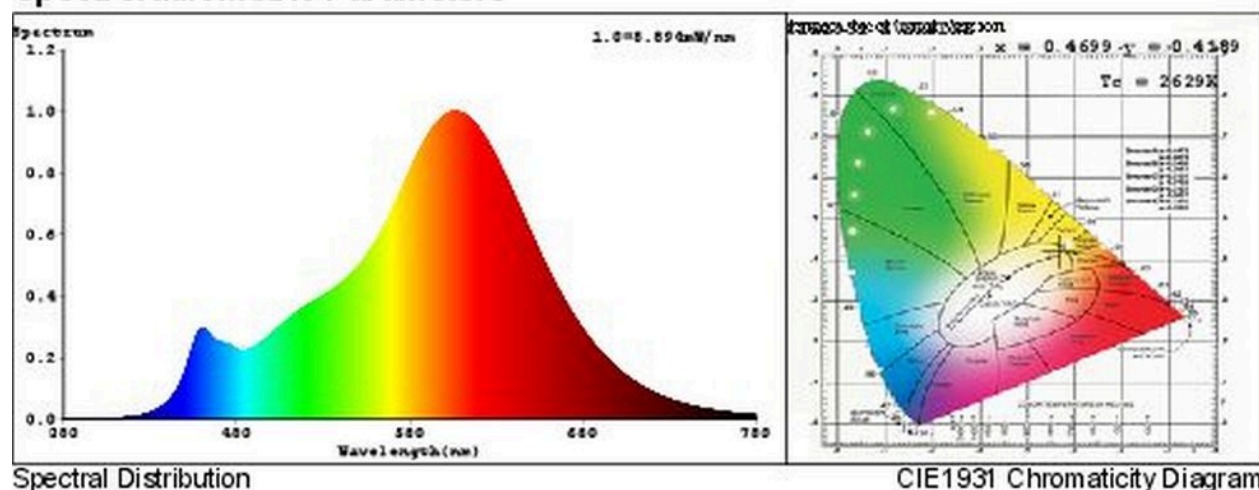
Test Condition

Temperature : 27.7Deg
Scan Range : 380nm-780nm

RH : 54%
IP : 50643 (77%)
T : 146 ms
Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4699$ $y=0.4189$ $u'=0.2652$ $v'=0.5320$ ($duv=2.24e-03$)

CCT: $T_c = 2629K$ Prp Wavelength: $\lambda_p = 583.9nm$ Purity=66.8%

Peak Wavelength: $\lambda_p = 607nm$ HalfWidth: $\Delta\lambda_p = 108.4nm$ Ratio: R=27.7% G=70.0% B=2.3%

Render Index: $R_a = 82.1$

R1 =82	R2 =94	R3 =91	R4 =79	R5 =82	R6 =95	R7 =79
R8 =55	R9 =6	R10=88	R11=79	R12=80	R13=85	R14=95 R15=72

Photo Parameters:

Flux = 393.1 lm Eff.: 100.14 lm/W $F_e = 1.214W$

$F_{mol}(umol/s): 5.992e-001$ Fluorescence and blue light ratio: 12.50 Fluorescent efficiency: 25.14

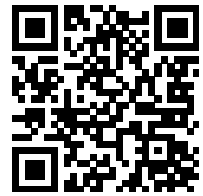
Electrical parameters:

V = 230.5 V I = 0.01940 A P = 3.926 W PF = 0.8778

EVERFINE

杭州市滨江区滨康路689号 <http://www.everfine.cn>

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



EPREL registration number: 765732

<https://eprel.ec.europa.eu/qr/765732>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

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