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: L277225001

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
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	250 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	2200...2700
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	97
Outer dimensions without separate control gear, light-	Height: 73	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 45		
	Depth: 45		

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)	0,467 0,417
Parameters for LED and OLED light sources:				
R9 colour rendering index value		85	Survival factor	0,70
the lumen maintenance factor		0,70		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,75	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)	0,9

[a] '-' : not applicable;

[b] '-' : not applicable;

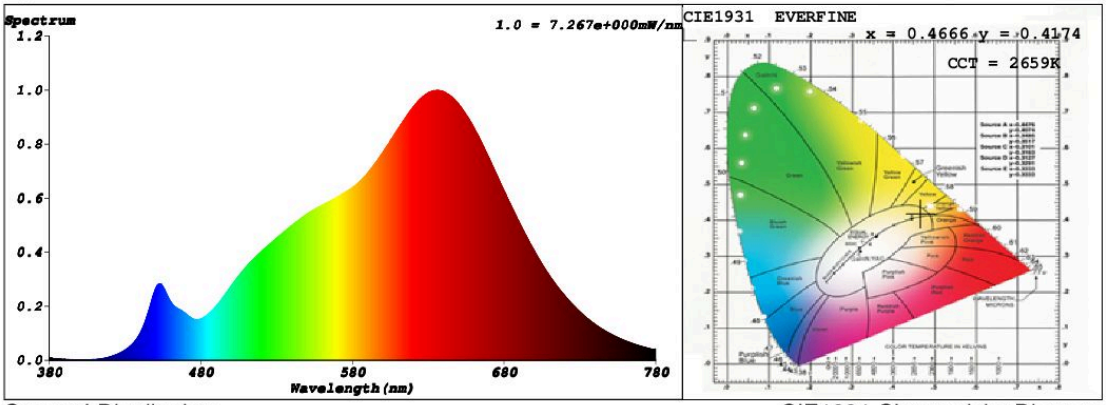
SPL Spectrum Test Report

Sample	: 1	Date	: 2017-02-20 11:36:50
Specification	:	Sam. Status	:
Sample No.	: L277225001-2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50853 (78%)
Test Mode	: Fast Test	T	: 56 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.4666 y = 0.4174 / u' = 0.2638 v' = 0.5309 (duv=1.92e-03)

CCT= 2659K Prcp WL: Ld=583.8nm Purity=65.4%

Peak WL: Lp=635nm FWHM: =151.1nm Ratio:R=27.2% G=70.6% B=2.3%

Render Index: Ra = 97.1

R1 =98	R2 =98	R3 =94	R4 =99	R5 =97	R6 =97	R7 =98	
R8 =95	R9 =85	R10=92	R11=99	R12=85	R13=98	R14=96	R15=96

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 307.73 lm Eff. : 70.24 lm/W Fe = 1.1628 W

Electrical parameters

V = 230.1 V I = 0.02659 A P = 4.381 W PF = 0.7159

Schiefer Professional Lighting
www.professional-lighting.eu

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

EPREL registration number: 831449 https://eprel.ec.europa.eu/qr/831449

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer) **Website:** www.schiefer.nl

Customer care service:

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