

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: LB147240030

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	G
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	3 000
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, lighting control	Height	78	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,433 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	7	Survival factor	0,90
the lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	5
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;

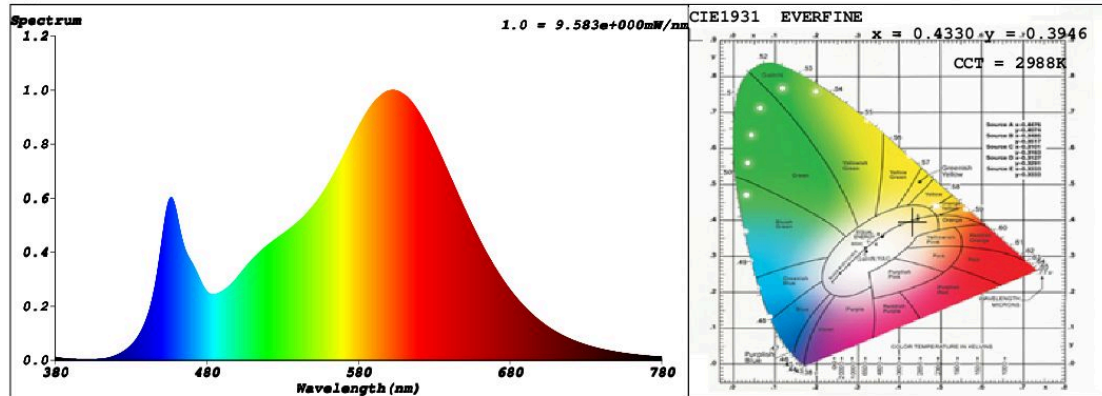
SPL Spectrum Test Report

Sample	:	Date	:	2019-02-12 09:33:16
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	Schiefer
		Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49131 (75%)
Test Mode	:	Fast Test	T	:	44 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4330$ $y = 0.3946$ / $u' = 0.2522$ $v' = 0.5170$ ($duv = -3.31e-03$)

CCT= 2988K Prcp WL: $L_d = 584.1nm$ Purity=48.4%

Peak WL: $L_p = 603nm$ FWHM: =117.7nm Ratio:R=23.2% G=73.7% B=3.1%

Render Index: $R_a = 82.2$

R1 =82 R2 =94 R3 =92 R4 =78 R5 =83 R6 =93 R7 =79

R8 =57 R9 =7 R10=87 R11=77 R12=75 R13=86 R14=96 R15=75

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 456.94 lm Eff. : 106.27 lm/W $F_e = 1.4087$ W

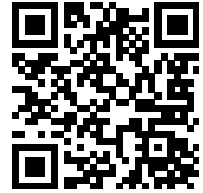
Electrical parameters

V = 230.0 V I = 0.03469 A P = 4.300 W PF = 0.5388

Schiefer Professional Lighting

www.professional-lighting.eu

Model placed on the Union market from 01/09/2021 to 04/01/2024



EPREL registration number: 831632

<https://eprel.ec.europa.eu/qr/831632>

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

Website: www.schiefer.nl

Customer care service:

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