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: LB276081965

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:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	F
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)	870 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	6 500
On-mode power (P_{on}), expressed in W	10,0	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, lighting control — Height	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	60		
Depth	60		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,320 0,341
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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;

EVERFINE

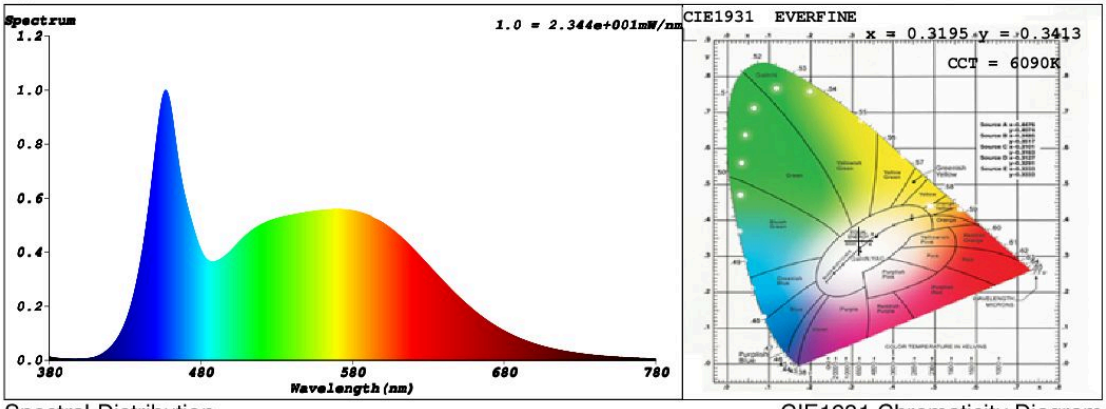
SPL Spectrum Test Report

Sample	:	Date	: 2020-07-13 11:33:31
Specification	:	Sam. Status	:
Sample No.	: LB276081965-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 46591 (71%)
Test Mode	: Fast Test	T	: 30 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.3195 y = 0.3413 / u' = 0.1980 v' = 0.4758 (duv=6.08e-03)

CCT= 6090K Prcp WL: Ld=499.3nm Purity=4.3%

Peak WL: Lp=457nm FWHM: =30.8nm Ratio:R=13.9% G=79.8% B=6.3%

Render Index: Ra = 84.7

R1 =83	R2 =93	R3 =95	R4 =80	R5 =83	R6 =88	R7 =87	
R8 =69	R9 =12	R10=81	R11=80	R12=63	R13=86	R14=98	R15=77

LEVEL:OUT WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 863.62 lm Eff. : 93.19 lm/W Fe = 2.7861 W

Electrical parameters

V = 229.8 V I = 0.07627 A P = 9.267 W PF = 0.5287

Schiefer Professional Lighting

www.spl-lighting.com