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: L270013000

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	3	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)	100 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	2 000
On-mode power (P_{on}), expressed in W	2,5	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, light-	Height: 185	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 30		
	Depth: 30		

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)	0,522 0,408
Parameters for LED and OLED light sources:				
R9 colour rendering index value		7	Survival factor	0,70
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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)		0,5	Stroboscopic effect metric (SVM)	0,1

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE

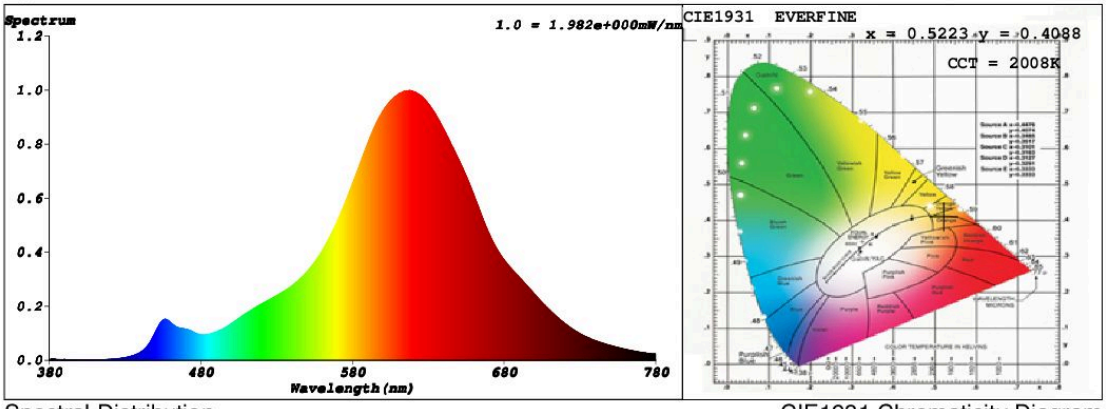
SPL Spectrum Test Report

Sample	:	Date	: 2018-09-06 14:40:07
Specification	: L270013000	Sam. Status	:
Sample No.	: L270013000 3	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Marc
		Assessor	: damin

Test Condition

Temprature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52289 (80%)
Test Mode	: Fast Test	T	: 219 ms
		Sensitivity	: High

Spectrum



Spectral Distribution CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: x = 0.5223 y = 0.4088 / u' = 0.3045 v' = 0.5362 (duv=-1.52e-03)

CCT= 2008K Prcp WL: Ld=589.3nm Purity=79.5%

Peak WL: Lp=618nm FWHM: =99.2nm Ratio:R=33.3% G=65.2% B=1.5%

Render Index: Ra = 80.1

R1 =80	R2 =94	R3 =88	R4 =75	R5 =80	R6 =96	R7 =75	
R8 =51	R9 =7	R10=89	R11=76	R12=88	R13=83	R14=94	R15=71

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 70.588 lm Eff. : 29.66 lm/W Fe = 247.44 mW

Electrical parameters

V = 230.1 V I = 0.01147 A P = 2.380 W PF = 0.9014

Schiefer Professional Lighting
www.professional-lighting.eu