

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: L270016005

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	3	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°)	65 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	1 800
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	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

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)	0,535 0,408
Parameters for LED and OLED light sources:			
R9 colour rendering index value	2	Survival factor	0,70
the lumen maintenance factor	0,93		
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)	0,5	Stroboscopic effect metric (SVM)	0,1

(a): not applicable;

(b): not applicable;

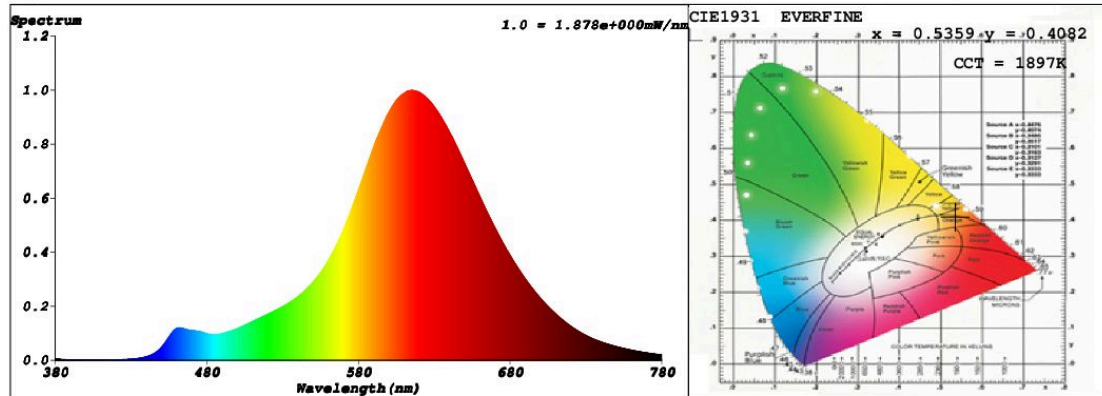
SPL Spectrum Test Report

Sample	:	Date	: 2019-08-15 15:52:56
Specification	: L270016005	Sam. Status	:
Sample No.	: L270016005 01	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Schiefer
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 50343 (77%)
Test Mode	: Fast Test	T	: 226 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5359$ $y = 0.4082$ / $u' = 0.3140$ $v' = 0.5382$ ($duv = -9.65e-04$)

CCT= 1897K Prcp WL: $L_d = 590.2nm$ Purity=83.4%

Peak WL: $L_p = 615nm$ FWHM: =98.2nm Ratio:R=35.0% G=63.6% B=1.4%

Render Index: $R_a = 77.3$

R1 =77 R2 =94 R3 =85 R4 =71 R5 =78 R6 =96 R7 =72

R8 =45 R9 =-2 R10=89 R11=71 R12=89 R13=80 R14=93 R15=67

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 63.393 lm Eff. : 26.50 lm/W Fe = 224.97 mW

Electrical parameters

V = 229.9 V I = 0.01150 A P = 2.392 W PF = 0.9049

Schiefer Professional Lighting

www.professional-lighting.eu