

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: L270016400

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	4	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°)	140 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	3,5	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	145	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	64	
	Depth	64	
			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)	0,520 0,406
Parameters for LED and OLED light sources:			
R9 colour rendering index value	12	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;

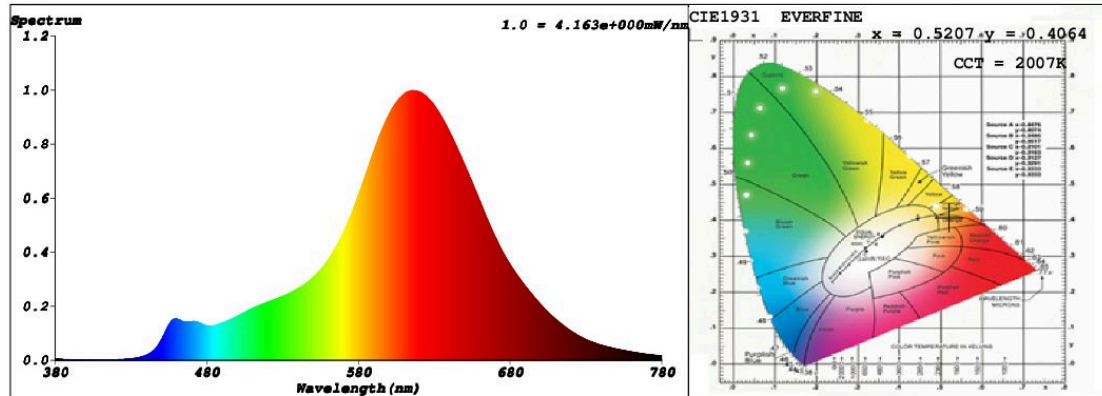
SPL Spectrum Test Report

Sample	:	Date	: 2018-09-05 10:53:42
Specification	: L270016400	Sam. Status	:
Sample No.	: L270016400 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Marc
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 57751 (88%)
Test Mode	: Fast Test	T	: 115 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5207$ $y = 0.4064$ / $u' = 0.3047$ $v' = 0.5351$ ($duv = -2.31e-03$)

CCT= 2007K Prcp WL: $L_d = 589.6nm$ Purity=78.3%

Peak WL: $L_p = 615nm$ FWHM: =94.8nm Ratio:R=34.0% G=64.1% B=1.8%

Render Index: $R_a = 81.5$

R1 =84 R2 =98 R3 =84 R4 =80 R5 =87 R6 =92 R7 =74

R8 =52 R9 =12 R10=99 R11=84 R12=84 R13=88 R14=92 R15=73

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 143.92 lm Eff. : 41.18 lm/W $F_e = 503.63$ mW

Electrical parameters

V = 230.0 V I = 0.01610 A P = 3.494 W PF = 0.9438

Schiefer Professional Lighting

www.professional-lighting.eu