

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: Sales, Potterbakkerstraat 35, 4871EP Etten-Leur Noord Brabant, NL

Model identifier: L270016405

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	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°)	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	1 800
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	Height	Spectral power distribution in the	See image in last page
	Width		
			64

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	64	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,545
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	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;

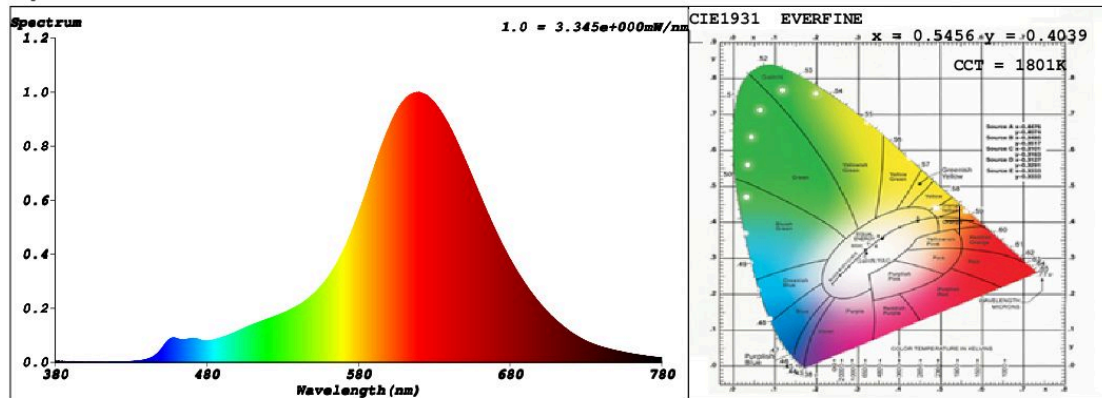
SPL Spectrum Test Report

Sample	:	Date	: 2018-09-05 11:31:51
Specification	: L270016405	Sam. Status	:
Sample No.	: L270016405 2	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: SPL	Test by	: Marc
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52905 (81%)
Test Mode	: Fast Test	T	: 132 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5456$ $y = 0.4039$ / $u' = 0.3230$ $v' = 0.5381$ ($duv = -1.45e-03$)

CCT= 1801K Prcp WL: Ld=591.3nm Purity=85.0%

Peak WL: Lp=620nm FWHM: =93.0nm Ratio:R=37.6% G=61.0% B=1.3%

Render Index: Ra = 79.5

R1 =81 R2 =96 R3 =84 R4 =76 R5 =83 R6 =94 R7 =73

R8 =48 R9 =6 R10=95 R11=80 R12=87 R13=85 R14=92 R15=70

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 104.50 lm Eff. : 32.68 lm/W Fe = 382.47 mW

Electrical parameters

V = 220.0 V I = 0.01560 A P = 3.198 W PF = 0.9319

Schiefer Professional Lighting

www.professional-lighting.eu