

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: L276016830

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:	NMLS	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	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°)	810 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	3 000
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	82
Outer dimensions without separate control gear, lighting control	Height	114	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,433 0,400
Parameters for LED and OLED light sources:			
R9 colour rendering index value	4	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

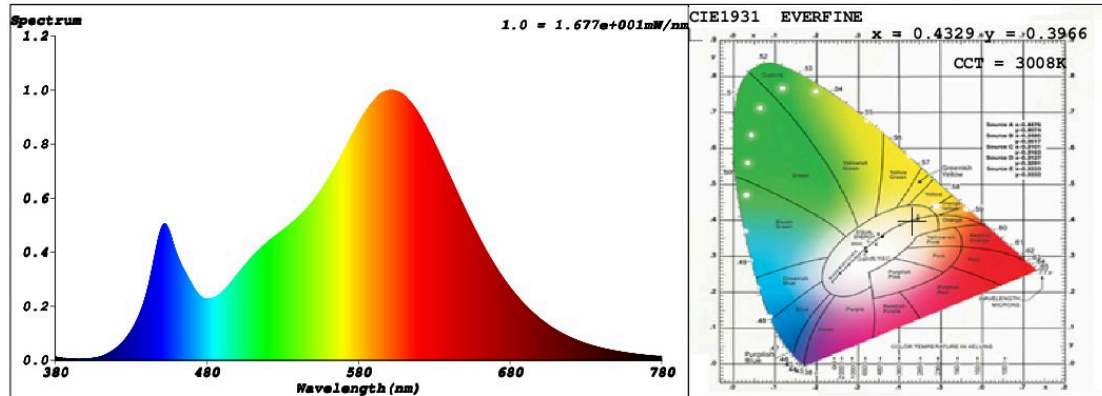
SPL Spectrum Test Report

Sample	: 5-1	Date	: 2018-01-18 10:27:23
Specification	:	Sam. Status	: 282003
Sample No.	: L276016830-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Ralf
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52776 (81%)
Test Mode	: Fast Test	T	: 26 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4329$ $y = 0.3966$ / $u' = 0.2512$ $v' = 0.5178$ ($duv = -2.44e-03$)

CCT= 3008K Prcp WL: Ld=583.7nm Purity=49.0%

Peak WL: Lp=601nm FWHM: =121.4nm Ratio:R=22.9% G=74.3% B=2.8%

Render Index: Ra = 81.8

R1 =81 R2 =92 R3 =94 R4 =79 R5 =81 R6 =90 R7 =81

R8 =57 R9 =4 R10=82 R11=78 R12=76 R13=83 R14=98 R15=73

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 810.67 lm Eff. : 85.79 lm/W Fe = 2.4959 W

Electrical parameters

V = 45.05 V I = 0.3980 A P = 9.450 W PF = 0.5270

Schiefer Professional Lighting

www.professional-lighting.eu