

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: L642775827-1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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	10	Energy efficiency class	F
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°)	610 in Narrow cone (90°)	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	2 700
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, light-	Height	95	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	96	
	Depth	95	
			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)	0,459 0,415
Parameters for directional light sources:			
Peak luminous intensity (cd)	1 500	Beam angle in degrees, or the range of beam angles that can be set	36
Parameters for LED and OLED light sources:			
R9 colour rendering index value	6	Survival factor	0,70
the lumen maintenance factor	0,70		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,70	Colour consistency in McAdam ellipses	5
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)	0,7	Stroboscopic effect metric (SVM)	0,9

(a)'.': not applicable;

(b)'.': not applicable;

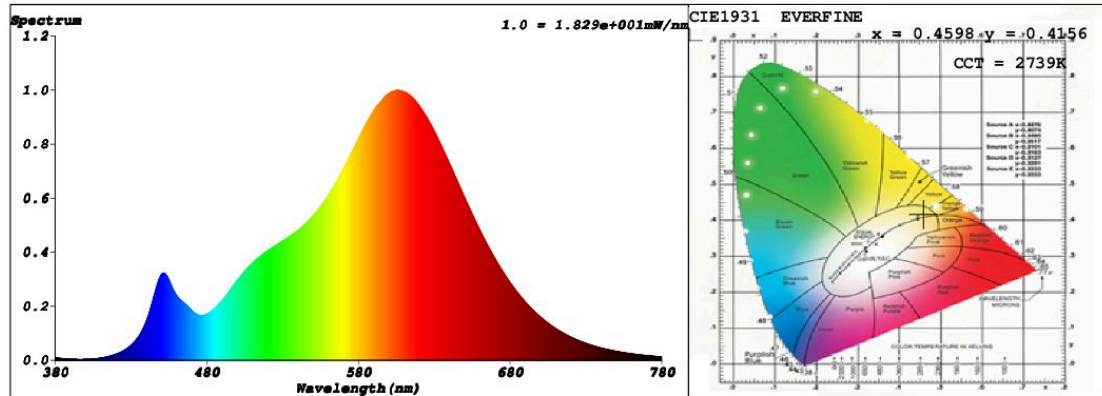
SPL Spectrum Test Report

Sample	:	Date	: 2021-06-30 15:11:58
Specification	:	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47559 (73%)
Test Mode	: Fast Test	T	: 23 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4598$ $y = 0.4156$ / $u' = 0.2603$ $v' = 0.5292$ ($duv=1.83e-03$)

CCT= 2739K Prcp WL: Ld=583.4nm Purity=62.8%

Peak WL: Lp=607nm FWHM: =114.9nm Ratio:R=24.8% G=72.9% B=2.3%

Render Index: Ra = 82.8

R1 =81 R2 =92 R3 =95 R4 =81 R5 =82 R6 =92 R7 =82

R8 =57 R9 =6 R10=83 R11=81 R12=77 R13=84 R14=98 R15=72

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 837.57 lm Eff. : 85.68 lm/W Fe = 2.5644 W

Electrical parameters

V = 229.8 V I = 0.04499 A P = 9.776 W PF = 0.9455

Schiefer Professional Lighting

www.spl-lighting.com