

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: L641770627

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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	6	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°)	420 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	6,0	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	90
Outer dimensions without separate control gear, light-	Height	57	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			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)	0,464 0,423
Parameters for directional light sources:			
Peak luminous intensity (cd)	900	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	57	Survival factor	0,90
the lumen maintenance factor	0,98		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	4
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)	0,0	Stroboscopic effect metric (SVM)	0,4

(a)'.': not applicable;

(b)'.': not applicable;

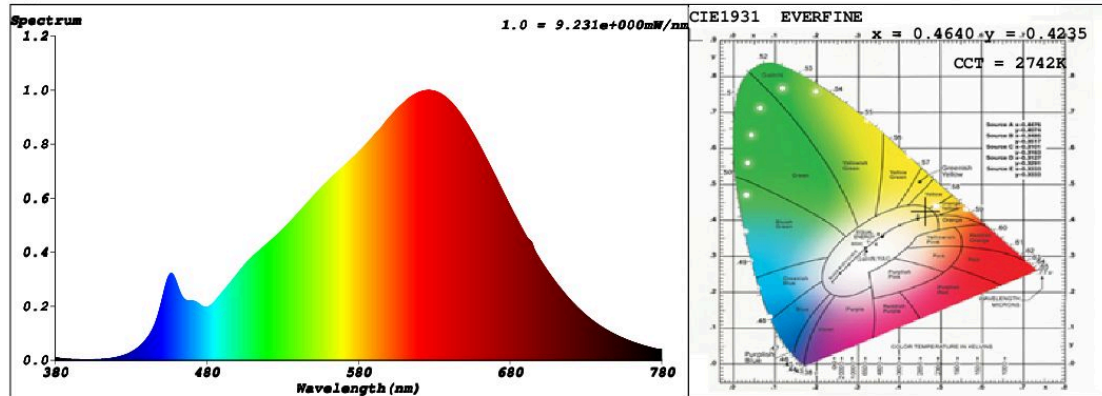
SPL Spectrum Test Report

Sample	:	Date	: 2021-07-01 12:46:19
Specification	: L641770627	Sam. Status	:
Sample No.	: L641770627-362	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Renee
		Assessor	: damin

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51881 (79%)
Test Mode	: Fast Test	T	: 50 ms
		Sensitivity	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4640$ $y = 0.4235$ / $u' = 0.2594$ $v' = 0.5328$ ($duv=4.35e-03$)

CCT= 2742K Prcp WL: Ld=582.7nm Purity=66.4%

Peak WL: Lp=626nm FWHM: =154.1nm Ratio:R=25.6% G=72.0% B=2.4%

Render Index: Ra = 91.4

R1 =91 R2 =95 R3 =98 R4 =90 R5 =90 R6 =94 R7 =93

R8 =81 R9 =57 R10=87 R11=90 R12=78 R13=91 R14=98 R15=86

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 438.50 lm Eff. : 73.16 lm/W Fe = 1.5423 W

Electrical parameters

V = 229.8 V I = 0.03127 A P = 5.994 W PF = 0.8340

Schiefer Professional Lighting

www.spl-lighting.com