

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: L642771027

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU5.3		
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:	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°)	460 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	6,2	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	44	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)	0,457 0,412
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	8	Survival factor	0,90
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

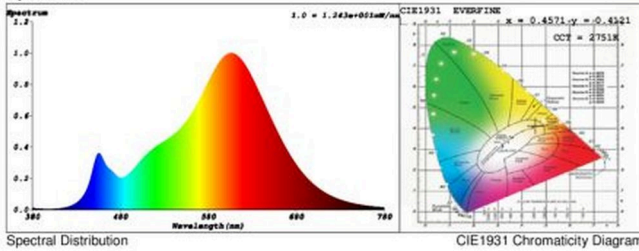
SPL Spectrum Test Report

Sample	:		Date	:	2021-07-22 13:48:26
Specification	:	L642771027	Sam. Status	:	
Sample No.	:	1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Renee	Test by	:	Renee
			Assessor	:	damin

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51947 (79%)
Test Mode	:	Fast Test	T	:	39 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4571$ $y = 0.4121$ / $u' = 0.2601$ $v' = 0.5275$ ($duv=7.96e-04$)
 CCT= 2751K Prcp WL: Ld=583.7nm Purity=60.9%
 Peak WL: Lp=607nm FWHM: =113.5nm Ratio:R=24.9% G=72.6% B=2.5%

Render Index: Ra = 83.0

R1 =82 R2 =93 R3 =93 R4 =81 R5 =83 R6 =94 R7 =81
 R8 =57 R9 =8 R10=86 R11=81 R12=78 R13=85 R14=97 R15=73
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 566.20 lm Eff. : 139.26 lm/W Fe = 1.7453 W

Electrical parameters

V = 12.02 V I = 0.3669 A P = 4.066 W PF = 0.9222