

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: 023040270

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:	No

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	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°)	270 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	4,0	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	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,454
Parameters for directional light sources:				
Peak luminous intensity (cd)	500		Beam angle in degrees, or the range of beam angles that can be set	45
Parameters for LED and OLED light sources:				
R9 colour rendering index value	12		Survival factor	0,90
the lumen maintenance factor	0,98			

(a): not applicable;

(b): not applicable;

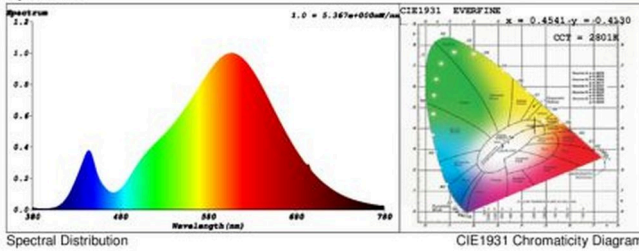
SPL Spectrum Test Report

Sample	:		Date	:	2021-07-22 14:33:25
Specification	:	023040270	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	:	50924 (78%)
Test Mode	:	Fast Test	T	:	88 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4541$ $y = 0.4130$ / $u' = 0.2577$ $v' = 0.5274$ ($duv = 1.43e-03$)
 CCT= 2801K Prcp WL: Ld=583.3nm Purity=60.3%
 Peak WL: Lp=607nm FWHM: =134.2nm Ratio:R=23.9% G=74.1% B=1.9%

Render Index: Ra = 81.7

R1 =79 R2 =88 R3 =96 R4 =81 R5 =79 R6 =85 R7 =85
 R8 =61 R9 =12 R10=73 R11=79 R12=70 R13=81 R14=98 R15=73
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 262.27 lm Eff. : 98.71 lm/W Fe = 833.16 mW

Electrical parameters

V = 12.08 V I = 0.3328 A P = 2.657 W PF = 0.6607