

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: 023240400-1

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	E
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°)	310 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	4 000
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)	0,387
Parameters for directional light sources:				
Peak luminous intensity (cd)	470		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	6		Survival factor	0,90
the lumen maintenance factor	0,98			

(a): not applicable;

(b): not applicable;

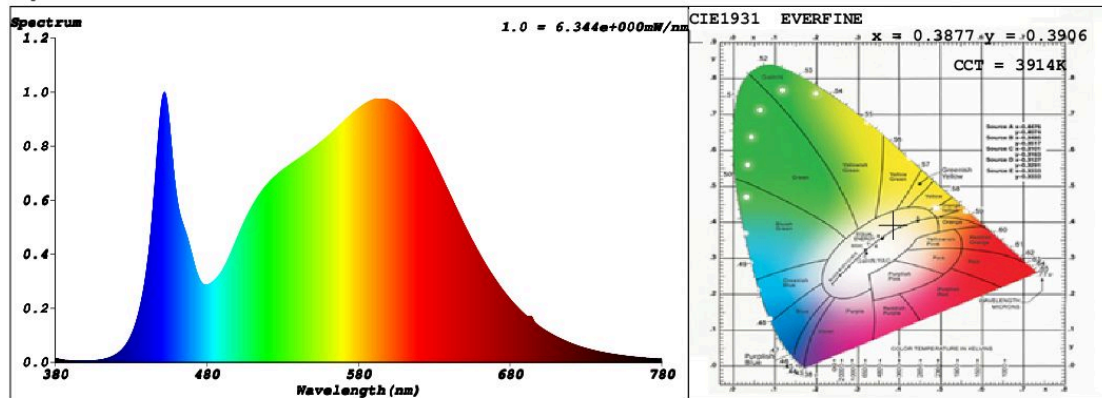
SPL Spectrum Test Report

Sample	:	Date	:	2021-07-01 14:43:57
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	:	52195 (80%)
Test Mode	:	Fast Test	T	:	73 ms
			Sensitivity	:	High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3877$ $y = 0.3906$ / $u' = 0.2243$ $v' = 0.5086$ ($duv=4.33e-03$)

CCT= 3914K Prcp WL: $L_d=577.4nm$ Purity=33.6%

Peak WL: $L_p=452nm$ FWHM: $=21.8nm$ Ratio:R=18.3% G=78.2% B=3.5%

Render Index: $R_a = 82.7$

R1 =80 R2 =89 R3 =96 R4 =81 R5 =80 R6 =85 R7 =87

R8 =64 R9 =6 R10=73 R11=80 R12=59 R13=82 R14=98 R15=73

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 359.69 lm Eff. : 0.00 lm/W $F_e = 1.0729 W$

Electrical parameters

$V = 0 V$ $I = 0 A$ $P = 0 W$ PF = 0

Schiefer Professional Lighting

www.spl-lighting.com