

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: 021126400

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU4		
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	3	Energy efficiency class	G
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°)	180 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	3,0	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	80
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)	0,383
Parameters for directional light sources:				
Peak luminous intensity (cd)	500		Beam angle in degrees, or the range of beam angles that can be set	30
Parameters for LED and OLED light sources:				
R9 colour rendering index value	4		Survival factor	0,90
the lumen maintenance factor	0,98			

(a): not applicable;

(b): not applicable;

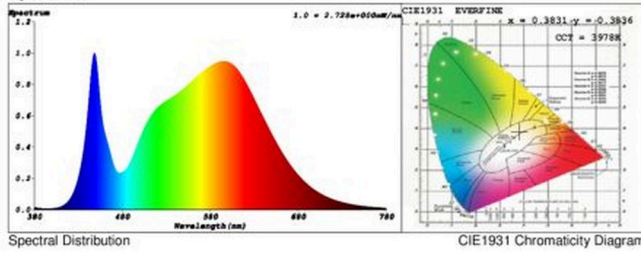
SPL Spectrum Test Report

Sample :	Date : 2021-07-22 10:41:51
Specification : 021126400	Sam. Status :
Sample No. : 10	Instrument : HaasSuite(EVERFINE)
Manufacturer : Renee	Test by : Renee
	Assessor : damin

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52448 (80%)
Test Mode : Fast Test	T : 186 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3831$ $y = 0.3836$ / $u' = 0.2242$ $v' = 0.5050$ ($duv=2.39e-03$)
 CCT= 3978K Prcp WL: Ld=577.9nm Purity=30.1%
 Peak WL: Lp=448nm FWHM: =21.2nm Ratio:R=18.1% G=78.6% B=3.3%

Render Index: Ra = 81.8

R1 =80 R2 =87 R3 =93 R4 =82 R5 =80 R6 =82 R7 =86
 R8 =64 R9 =4 R10=69 R11=81 R12=62 R13=81 R14=96 R15=73
 LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 150.55 lm Eff. : 138.32 lm/W Fe = 451.75 mW

Electrical parameters

V = 12.11 V I = 0.1160 A P = 1.088 W PF = 0.7746