

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: L510335927

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:	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	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°)	150 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	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	92
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			25

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	25	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,475
Parameters for directional light sources:				
Peak luminous intensity (cd)		390	Beam angle in degrees, or the range of beam angles that can be set	35
Parameters for LED and OLED light sources:				
R9 colour rendering index value		58	Survival factor	1,00
the lumen maintenance factor		0,72		

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

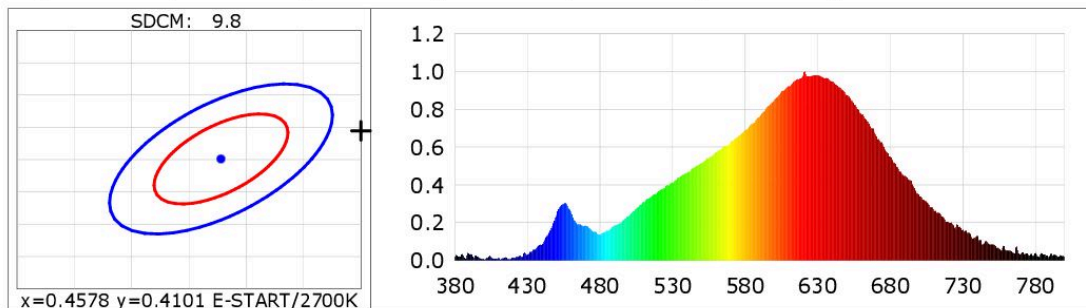
Product Information

Product Spec :L510335927

Product Number :1

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4752$ $y=0.4145$ $u(u')=0.2706$ $v=0.3541$ $v'=0.5311$
 CCT: $T_c=2628K$ ($duv=0.00036$) Color Ratio: R=0.278 G=0.701 B=0.021
 Peak Wavelength: 621.0nm Half Bandwidth: 137.1nm
 Dominant Wavelength: 585.0nm Color Purity: 0.671
 Central Wave: 615.3nm Gravity Wave: 617.2nm
 CRI: Ra= 92.1 TM30: Rf= 91, Rg= 99
 GAI: GAI_BB_8=96.7, GAI_BB_15=103.6, GAI_EES=41.6
 R1 =92 R2 =96 R3 =98 R4 =92 R5 =92 R6 =96 R7 =91 R8 =81
 R9 =58 R10=89 R11=92 R12=83 R13=93 R14=98 R15=88
 Color Quality Scale: Qa= 89.5, Qf= 92.6, Qp= 92.8, Qg= 94.0
 Q1 =87 Q2 =94 Q3 =88 Q4 =87 Q5 =89 Q6 =90 Q7 =89 Q8 =91
 Q9 =96 Q10=93 Q11=92 Q12=91 Q13=91 Q14=86 Q15=86



Photometric Parameters

Luminous Flux: 171.81 lm Efficiency: 56.52 lm/W Radiant Power: 0.622 W
 Total mains efficacy: 56.52 lm/W Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 229.70V Current: 0.0180A Power: 3.04W
 Power Factor: 0.7440 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 2 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.00m, 4T
 Max of Signal: 41063 (4506) CCD Integration Time: 3818.18 ms

Condition: Tx:29.6°C, Ti:0.0°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time:
 Inspector: