

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: L572204927

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	G53		
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	22	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°)	1 420 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	22,0	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		

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	111	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 0,412
Parameters for directional light sources:				
Peak luminous intensity (cd)		40 000	Beam angle in degrees, or the range of beam angles that can be set	4
Parameters for LED and OLED light sources:				
R9 colour rendering index value		56	Survival factor	1,00
the lumen maintenance factor		0,72		

(a) '-': not applicable;

(b) '-': not applicable;

Lightsource Test Report

Product Information

Product Spec: L572204927

Product Number: 1

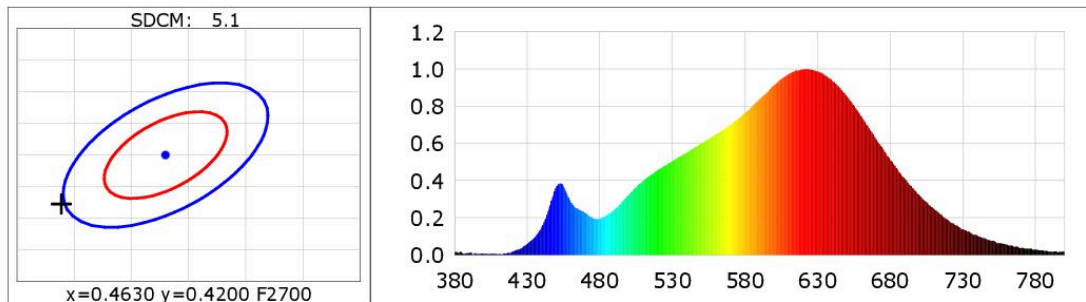
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4539$ $y=0.4123$ $u(u')=0.2579$ $v=0.3514$ $v'=0.5271$
 CCT: $T_c=2799K$ ($duv=0.00116$) Color Ratio: $R=0.255$ $G=0.720$ $B=0.025$
 Peak Wavelength: 623.2nm Half Bandwidth: 151.7nm
 Dominant Wavelength: 583.3nm Color Purity: 0.600
 Central Wave: 605.3nm Gravity Wave: 611.2nm
 CRI: $R_a=92.2$ TM30: $R_f=92$, $R_g=98$
 GAI: $GAI_BB_8=93.8$, $GAI_BB_15=99.9$, $GAI_EES=48.4$

R1 =92	R2 =96	R3 =98	R4 =93	R5 =92	R6 =95	R7 =91	R8 =81
R9 =56	R10=89	R11=93	R12=82	R13=93	R14=98	R15=88	

Color Quality Scale: $Q_a=91.0$, $Q_f=93.0$, $Q_p=92.4$, $Q_g=94.5$

Q1 =88	Q2 =95	Q3 =90	Q4 =89	Q5 =91	Q6 =92	Q7 =92	Q8 =93
Q9 =97	Q10=94	Q11=94	Q12=93	Q13=92	Q14=86	Q15=87	



Photometric Parameters

Luminous Flux: 1462.5 lm Efficiency: 64.63 lm/W Radiant Power: 5.061 W
 Total mains efficacy: 64.63 lm/W Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 229.80V Current: 0.1037A Power: 22.63W
 Power Factor: 0.9500 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 2 Sec ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.00m, 4T
 Max of Signal: 45019 (3558) CCD Integration Time: 546.64 ms

Condition: $T_x:29.9^\circ C$, $T_i:0.0^\circ C$, R.H.:60%
 Test Lab:
 Operator:

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