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: 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
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 (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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 without separate control gear, light-	Height: 28	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width: 25		
	Depth: 25		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,475 0,415
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;

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Lightsource Test Report

Product Infomation

Product Spec :L510335927 Product Number :1

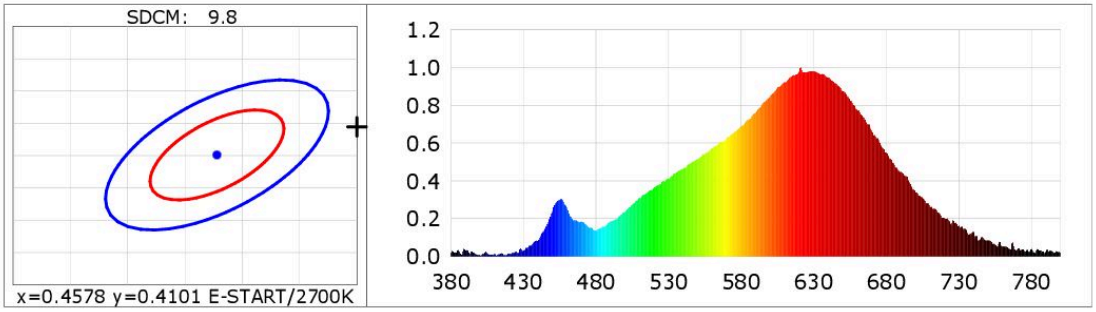
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4752 y=0.4145 u(u')=0.2706 v=0.3541 v'=0.5311
CCT: Tc=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 Infomation
Scan Range: 380~800:1nm
Stabilization Time: 2 ms ALC.: 1.0000
Max of Signal: 41063 (4506)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4π
CCD Integration Time: 3818.18 ms

Condition: Tx:29.6'C, Ti:0.0'C, R.H.:60% Test Device: CMS-2S (Plus)
Test Lab: Test Time:
Operator: Inspector: