

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
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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 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;

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: $R_a=92.1$

TM30: $R_f=91$, $R_g=99$

GAI: $GAI_BB_8=96.7$, $GAI_BB_15=103.6$, $GAI_EES=41.6$

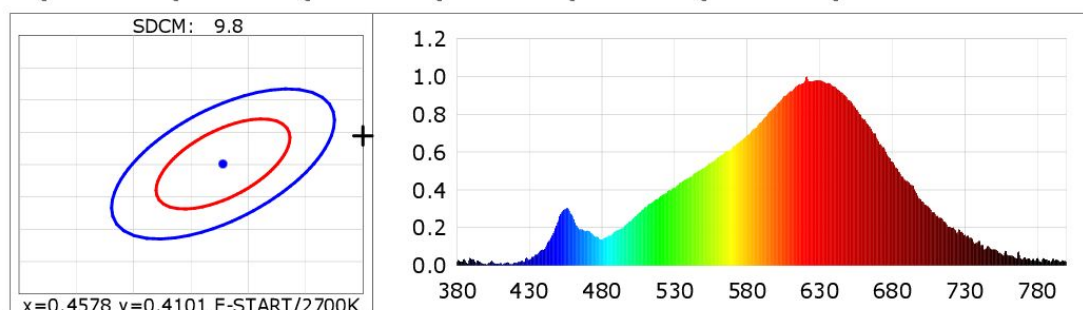
$R1=92$ $R2=96$ $R3=98$ $R4=92$ $R5=92$ $R6=96$ $R7=91$ $R8=81$

$R9=58$ $R10=89$ $R11=92$ $R12=83$ $R13=93$ $R14=98$ $R15=88$

Color Quality Scale: $Q_a=89.5$, $Q_f=92.6$, $Q_p=92.8$, $Q_g=94.0$

$Q1=87$ $Q2=94$ $Q3=88$ $Q4=87$ $Q5=89$ $Q6=90$ $Q7=89$ $Q8=91$

$Q9=96$ $Q10=93$ $Q11=92$ $Q12=91$ $Q13=91$ $Q14=86$ $Q15=86$



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, 4 π

Max of Signal: 41063 (4506)

CCD Integration Time: 3818.18 ms

Condition: $T_x:29.6^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%

Test Lab:

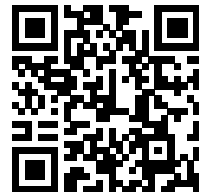
Operator:

Test Device: CMS-2S (Plus)

Test Time:

Inspector:

Model placed on the Union market from 01/09/2021



EPREL registration number: 831515

<https://eprel.ec.europa.eu/qr/831515>

Supplier: Schiefer Signaal Speciaallampen B.V. (Importer)

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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