

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: L419950040-1

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	S14s		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

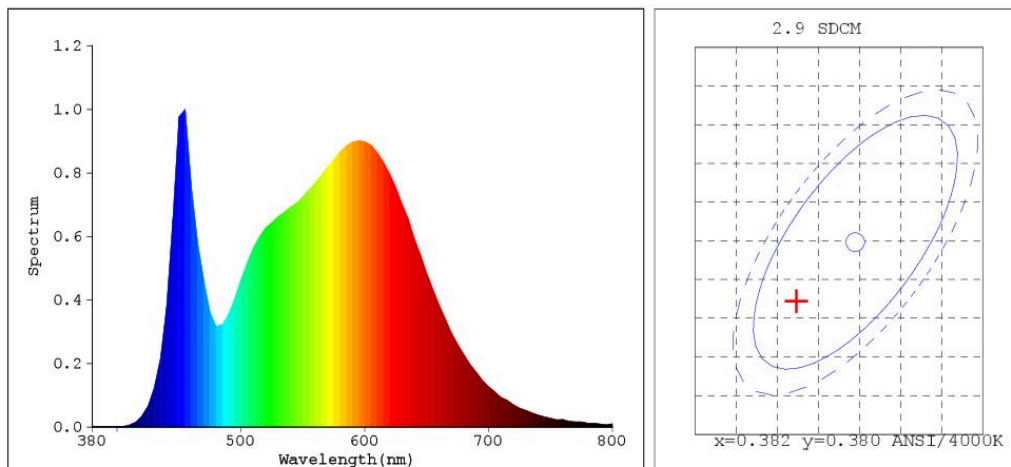
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	660 in Sphere (360°)	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	6,5	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 separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,376 0,374	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	20	Survival factor	0,90	
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	6	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,4	

(a) '-': not applicable;

(b) '-': not applicable;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3756$ $y=0.3736$

Chromaticity Coordinate: $u'=0.2232$ $v'=0.4995$ ($duv=-8.41e-05$)

$T_c=4112K$ Dominant WL: $L_d=578.7nm$ Purity=24.8% Centroid WL: 569.0nm

Ratio: R=19.9% G=76.5% B=3.7% Peak WL: $L_p=455.0nm$ HWL: 26.3nm

Render Index: $R_a=85.7$

R1 =85 R2 =92 R3 =96 R4 =84 R5 =84 R6 =88 R7 =87

R8 =69 R9 =20 R10=80 R11=84 R12=64 R13=87 R14=98 R15=79

Photo Parameters:

Flux: 651.16 lm Fe: 2.0202 W Efficacy: 105.2 lm/W

Electrical Parameters:

Luminaire: U=0V I=0A P=0W PF=1.000

Lamp : U=230.9V I=0.05112A P=6.190W PF=0.5244

Instrument Status:

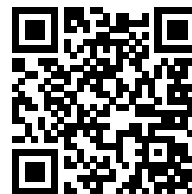
Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=26795 (R=3) %=-0.011%

$I_p=7638$ (G=4, D=52)
PMT: 28.3 centigrade [150.0]

Product Type: L419950040-1
Number: 3
Temperature: 25.3 deg
Test Operator:
Software: V2.00.129

Manufacturer: LUMARTEC
Test Department: LUMARTEC
Humidity: 65.0%
Test Date: 2021-05-10 16:23:24
Instrument: PMS-80_V1 (SN: G107113CA8321121)

Model placed on the Union market from 11/03/2021 to 22/02/2023



EPREL registration number: 857818

<https://eprel.ec.europa.eu/qr/857818>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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