

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: L419970040-1

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

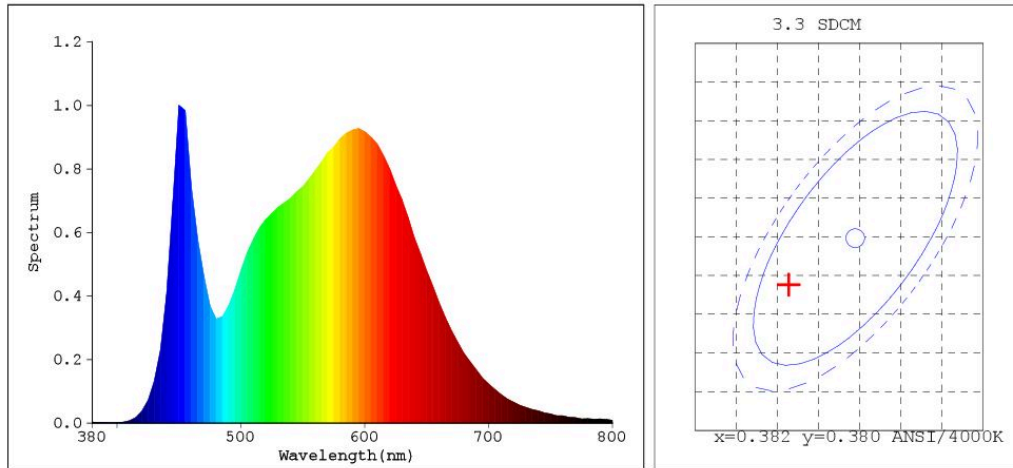
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	880 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	8,5	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	47	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	500	
	Depth	30	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,375 0,375
Parameters for LED and OLED light sources:			
R9 colour rendering index value	14	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: $x=0.3748$ $y=0.3749$
 Chromaticity Coordinate: $u'=0.2221$ $v'=0.4999$ ($duv=8.04e-04$)
 Tc=4143K Dominant WL:Ld=578.0nm Purity=25.0% Centroid WL:568.0nm
 Ratio:R=19.5% G=76.8% B=3.7% Peak WL:Lp=450.0nm HWL:26.9nm
 Render Index:Ra=84.6
 R1 =83 R2 =91 R3 =96 R4 =83 R5 =83 R6 =87 R7 =87
 R8 =67 R9 =14 R10=79 R11=82 R12=64 R13=85 R14=98 R15=77

Photo Parameters:

Flux: 853.16 lm Fe: 2.6236 W Efficacy:106.9 lm/W

Electrical Parameters:

Luminaire: U=0V I=0A P=0W PF=1.000
 Lamp : U=230.9V I=0.06620A P=7.979W PF=0.5220

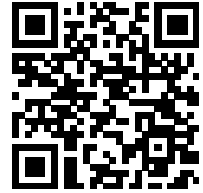
Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=9478 (G=4,D=52)
 REF=35064 (R=3) %=-0.009% FMT: 28.9 centigrade [150.0]

Product Type:L419970040-1
 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 17:35:14
 Instrument:PMS-80_V1 (SN:G107113CA8321121)

Model placed on the Union market from 11/03/2021



EPREL registration number: 857819

<https://eprel.ec.europa.eu/qr/857819>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

Website: www.schiefer.nl

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Address:

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