

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: L641754740

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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:	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	7	Energy efficiency class	E
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°)	510 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	4 000
On-mode power (P_{on}), expressed in W	7,0	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	82
Outer dimensions without separate control gear, light-	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

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)	0,384 0,384	
Parameters for directional light sources:				
Peak luminous intensity (cd)	1 000	Beam angle in degrees, or the range of beam angles that can be set	40	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	12	Survival factor	0,70	
the lumen maintenance factor	0,70			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,70	Colour consistency in McAdam ellipses	5	
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)	0,7	Stroboscopic effect metric (SVM)	0,9	

(a) '-': not applicable;

(b) '-': not applicable;

SPL Spectrum Test Report

Sample :
Specification : L641754740
Sample No. : L641754740-459
Manufacturer :

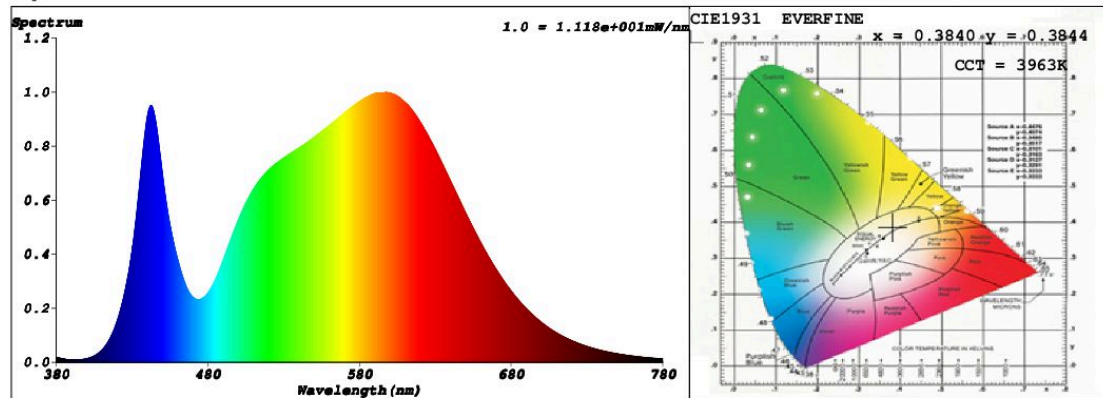
Date : 2021-07-01 13:29:25
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Renee
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 50298 (77%)
T : 39 ms
Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3840$ $y = 0.3844$ / $u' = 0.2244$ $v' = 0.5054$ ($duv=2.54e-03$)

CCT= 3963K Prcp WL: $L_d=577.9nm$ Purity=30.6%

Peak WL: $L_p=598nm$ FWHM: $=156.7nm$ Ratio: R=18.3% G=78.4% B=3.2%

Render Index: $R_a = 82.8$

R1 =81 R2 =86 R3 =92 R4 =84 R5 =82 R6 =83 R7 =87

R8 =67 R9 =12 R10=69 R11=85 R12=69 R13=82 R14=95 R15=75

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 662.81 lm Eff. : 93.42 lm/W $F_e = 2.0350 W$

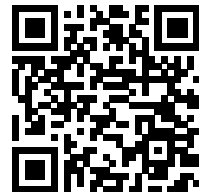
Electrical parameters

V = 229.8 V I = 0.03363 A P = 7.095 W PF = 0.9180

Schiefer Professional Lighting

www.spl-lighting.com

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



EPREL registration number: 831549

<https://eprel.ec.europa.eu/qr/831549>

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

Website: www.schiefer.nl

Customer care service:

Name: Schiefer Lighting

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