

# 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:** L642735830

## 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:	No

## Product parameters

Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	350 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	3 000
On-mode power ( $P_{on}$ ), expressed in W	5,0	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, lighting control	Height	54	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,440 0,404
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	700	Beam angle in degrees, or the range of beam angles that can be set	36
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	7	Survival factor	0,40
the lumen maintenance factor	0,70		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,50	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 : 5-5  
 Specification : L642735830  
 Sample No. : L642735830  
 Manufacturer : SPL

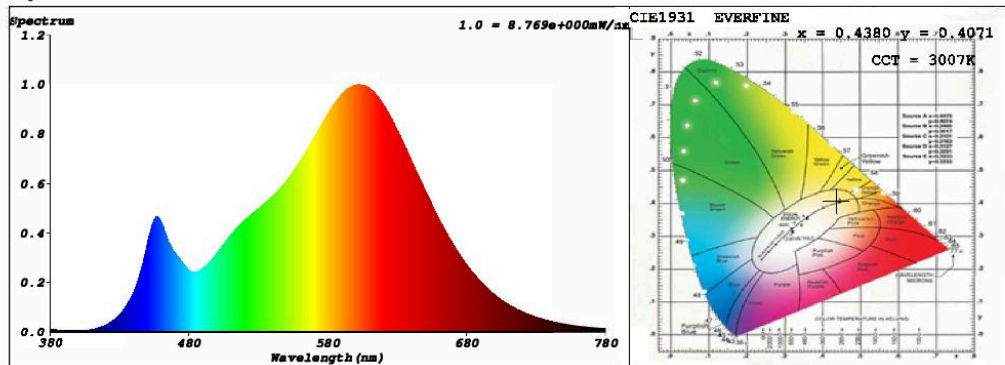
Date : 2017-12-22 10:43:45  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : sheena  
 Assessor : damin

### Test Condition

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

RH : 65.0%  
 IP : 53109 (81%)  
 T : 50 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4380$   $y = 0.4071$  /  $u' = 0.2500$   $v' = 0.5227$  ( $duv=1.05e-03$ )  
 CCT= 3007K Prcp WL:  $L_d=582.4nm$  Purity=53.7%  
 Peak WL:  $L_p=603nm$  FWHM: =125.8nm Ratio:R=22.7% G=74.4% B=2.8%

Render Index:  $R_a = 82.0$

R1 =81 R2 =92 R3 =95 R4 =79 R5 =81 R6 =90 R7 =82  
 R8 =57 R9 =5 R10=81 R11=77 R12=72 R13=83 R14=98 R15=73  
 LEVEL:OUT WHITE:ANSI\_3000K

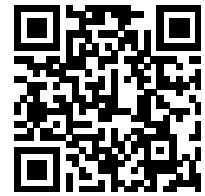
### Photometric & Radiometric Parameters

Flux = 429.72 lm Eff. : 87.74 lm/W  $F_e = 1.3018$  W

### Electrical parameters

V = 120.1 V I = 0.06883 A P = 4.898 W PF = 0.5926

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



**EPREL registration number:** 831580

<https://eprel.ec.europa.eu/qr/831580>

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

**Website:** [www.schiefer.nl](http://www.schiefer.nl)

**Customer care service:**

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