

# 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:** L272404922

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	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	4	Energy efficiency class	G
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°)	170 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	2 200
On-mode power ( $P_{on}$ ), expressed in W	4,0	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	93
Outer dimensions without separate control gear, lighting control	Height	75	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	0,517 0,424
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	75	Survival factor	0,96
the lumen maintenance factor	0,96		

(a) : not applicable;

(b) : not applicable;

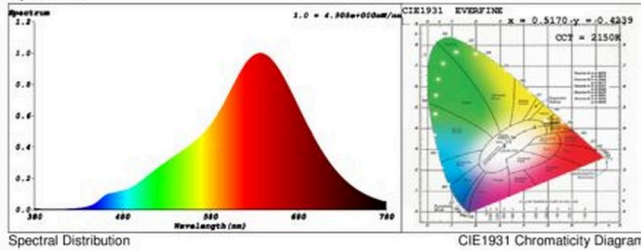
**SPL Spectrum Test Report**

Sample : Date : 2020-05-04 09:53:28  
 Specification : L272404922 sample test 01 Sam. Status :  
 Sample No. : L272404922 sample test 01 AC 170Lm Instrument : HaasSuite(EVERFINE)  
 Manufacturer : Test by : Schiefer  
 Assessor : damin

**Test Condition**

Temperature : 25.3Deg RH : 65.0%  
 WL Range : 380nm-780nm IP : 50914 (78%)  
 Test Mode : Fast Test T : 95 ms  
 Sensitivity : High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.5170$   $y = 0.4239$  /  $u' = 0.2933$   $v' = 0.5409$  ( $duv=2.81e-03$ )  
 CCT= 2150K Prcp WL: Ld=586.8nm Purity=82.5%  
 Peak WL: Lp=637nm FWHM: =120.1nm Ratio:R=32.7% G=65.6% B=1.7%

Render Index: Ra = 95.9

R1 =98 R2 =99 R3 =98 R4 =96 R5 =98 R6 =97 R7 =94  
 R8 =88 R9 =75 R10=97 R11=96 R12=94 R13=98 R14=98 R15=93  
 LEVEL:OUT WHITE:OUT

**Photometric & Radiometric Parameters**

Flux = 170.14 lm Eff. : 38.69 lm/W Fe = 702.09 mW

**Electrical parameters**

V = 24.04 V I = 0.1935 A P = 4.397 W PF = 0.9452

**Schiefer Professional Lighting**  
 www.spl-lighting.com