

# 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:** LF024070302

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Ba22d		
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
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### General product parameters:

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°)	320 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	2 500
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, light-	Height	105	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

ing control 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)	0,479 0,411
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	62	Survival factor	0,96
the lumen maintenance factor	0,96		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	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)	0,1	Stroboscopic effect metric (SVM)	0,3

(a): not applicable;

(b): not applicable;

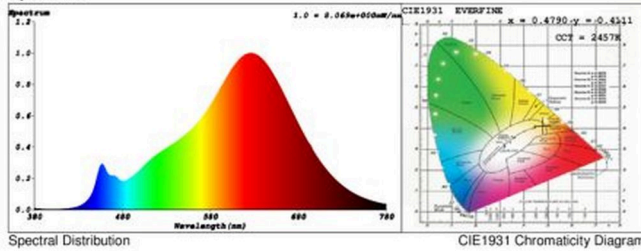
**SPL Spectrum Test Report**

Sample :	Date :	2020-08-19 13:32:08
Specification : LF024070302	Sam. Status :	
Sample No. : LF024070302	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	Schiefer
	Assessor :	damin

**Test Condition**

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 54116 (83%)
Test Mode : Fast Test	T : 60 ms
	Sensitivity : High

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.4790$   $y = 0.4111$  /  $u' = 0.2747$   $v' = 0.5305$  ( $duv = -9.71e-04$ )  
 CCT= 2457K Prcp WL: Ld=585.8nm Purity=67.2%  
 Peak WL: Lp=626nm FWHM: =128.7nm Ratio:R=29.0% G=68.6% B=2.4%

Render Index: Ra = 93.3

R1 =95 R2 =100 R3 =96 R4 =94 R5 =96 R6 =95 R7 =89  
 R8 =80 R9 =62 R10=99 R11=97 R12=88 R13=97 R14=99 R15=90  
 LEVEL:OUT WHITE:OUT

**Photometric & Radiometric Parameters**

Flux = 333.45 lm Eff. : 86.73 lm/W  $F_e = 1.2332$  W

**Electrical parameters**

V = 229.8 V I = 0.02095 A P = 3.845 W PF = 0.7989

**Schiefer Professional Lighting**  
[www.spl-lighting.com](http://www.spl-lighting.com)