

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** ELMARK

**Supplier's address:** ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

**Model identifier:** 99LED911CW

## 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:	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

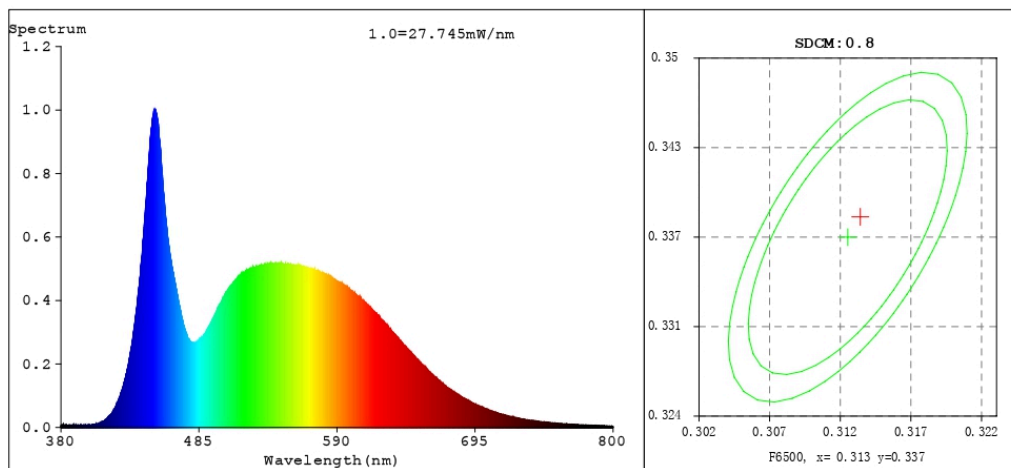
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	900 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	6 400
On-mode power ( $P_{on}$ ), expressed in W	8,0	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	83
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	58	
		Chromaticity coordinates (x and y)	0,313 0,338	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	5	Survival factor	0,50	
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	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.	Yes <sup>(b)</sup>	If yes then replacement claim (W)	55	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3139$   $y=0.3384$   $u'=0.1952$   $v'=0.4735$

CCT=6378K (Duv=0.0074) Dominant WL:Ld =495.1nm WL:Lc = --nm Purity=6.3%

Ratio:R=13.3% G=81.1% B=5.6% Peak WL:Lp=451.7nm FWHM=24.1nm

Render Index:Ra=83.5 AvgR=76.3

R1 =81	R2 =87	R3 =91	R4 =83	R5 =82	R6 =83	R7 =90	
R8 =72	R9 =12	R10=70	R11=82	R12=59	R13=82	R14=96	R15=76

## Photo Parameters:

Flux = 926.5 lm Eff. : 115.48 lm/W Fe = 3.008 W

## Electrical parameters:

V = 230.35 V I = 0.06229 A P = 8.023 W PF = 0.5591

LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 1330 ms Ip = 48412 (74%)

## GBT5702

Model:c37 3  
Tester:  
Temperature:25.3Deg  
Manufacturer:

Number:c37 3  
Date:2022-01-19  
Humidity:65.0%  
Remarks: