

# 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:** 99LED918CW

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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:	Yes

## Product parameters

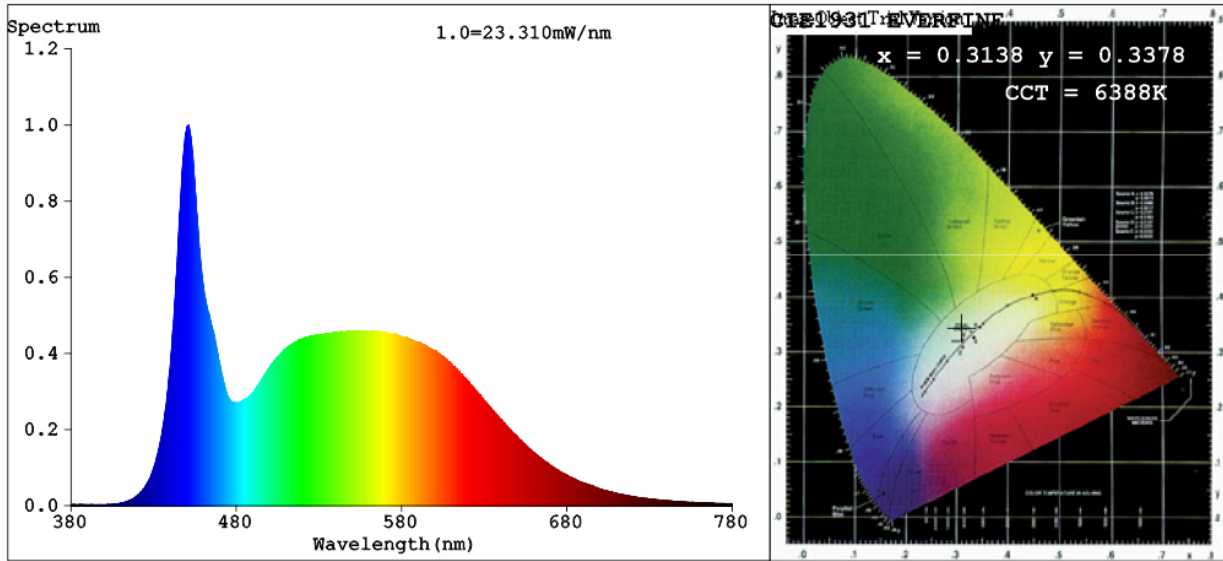
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	700 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	6 360
On-mode power ( $P_{on}$ ), expressed in W	6,2	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	69	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	21	
	Depth	21	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	Yes	If yes, equivalent power (W)	55
		Chromaticity coordinates (x and y)	0,313 0,337
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	6	Survival factor	0,50
the lumen maintenance factor	0,95		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,60	Colour consistency in McAdam ellipses	4
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)	0,2	Stroboscopic effect metric (SVM)	0,2

(a)-: not applicable;

(b)-: not applicable;

### Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate: $x=0.3138$   $y=0.3378/u'=0.1953$   $v'=0.4731$   
 CCT=6388K(Duv=0.0071) Dominant WL:Ld =494.7nm Purity=6.3%  
 Ratio:R=13.4% G=80.7% B=5.9% Peak WL:Lp=451.1nm FWHM=21.3nm  
 Render Index:Ra=83.9 CRI=76.7 AvgR=76.6  
 R1 =81 R2 =89 R3 =94 R4 =83 R5 =82 R6 =85 R7 =89  
 R8 =69 R9 =6 R10=74 R11=82 R12=60 R13=84 R14=97 R15=76

**Photo Parameters:**

Flux = 706.0 lm Eff. : 112.58 lm/W Fe = 2.255 W Scotopic:1606.5 S/P:2.2755  
 Photosynthetic:PPF:9.9976umol/s PAR WATT:2224.6mW(400-700nm)

**Electrical parameters:**

V = 229.48 V I = 0.03012 A P = 6.271 W PF = 0.9072  
 LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 6 ms Ip = 53172 (81%)

Model:G9-6W-6500K  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number: 99LED918CW  
 Date:2022-03-17 16:33:05  
 Humidity:65.0%  
 Remarks:0min