

# 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:** 99LED918W

## 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

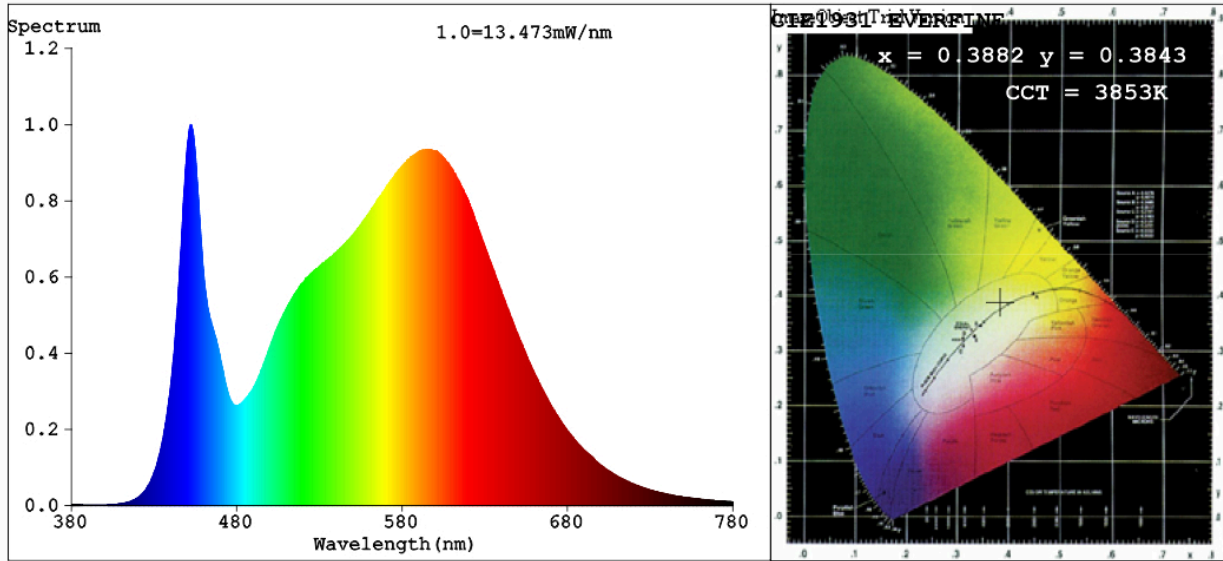
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	680 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	4 000
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	82
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)	0,388 0,384
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	1	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)<sup>1)</sup> : not applicable;

(b)<sup>1)</sup> : not applicable;

### Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3882$   $y=0.3843$  /  $u'=0.2272$   $v'=0.5060$   
 CCT=3853K (Duv=0.0013) Dominant WL:Ld =579.0nm Purity=31.9%  
 Ratio:R=18.6% G=77.8% B=3.5% Peak WL:Lp=452.1nm FWHM=19.8nm  
 Render Index:Ra=82.1 CRI=75.2 AvgR=75.1  
 R1 =80 R2 =90 R3 =96 R4 =80 R5 =80 R6 =86 R7 =84  
 R8 =61 R9 =1 R10=75 R11=79 R12=61 R13=83 R14=98 R15=73

**Photo Parameters:**

Flux = 703.1 lm Eff. : 111.54 lm/W Fe = 2.089 W Scotopic:1157 S/P:1.6456  
 Photosynthetic:PPF:9.6035umol/s PAR WATT:2047.4mW(400-700nm)

**Electrical parameters:**

V = 229.47 V I = 0.03025 A P = 6.303 W PF = 0.9079  
 LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 10 ms Ip = 52521 (80%)

Model:G9-6W-4000K  
 Tester:  
 Temperature:25.3Deg  
 Manufacturer:

Number: 99LED918W  
 Date:2022-03-17 16:32:34  
 Humidity:65.0%  
 Remarks:0min