

# 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:** 92913WH/G

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

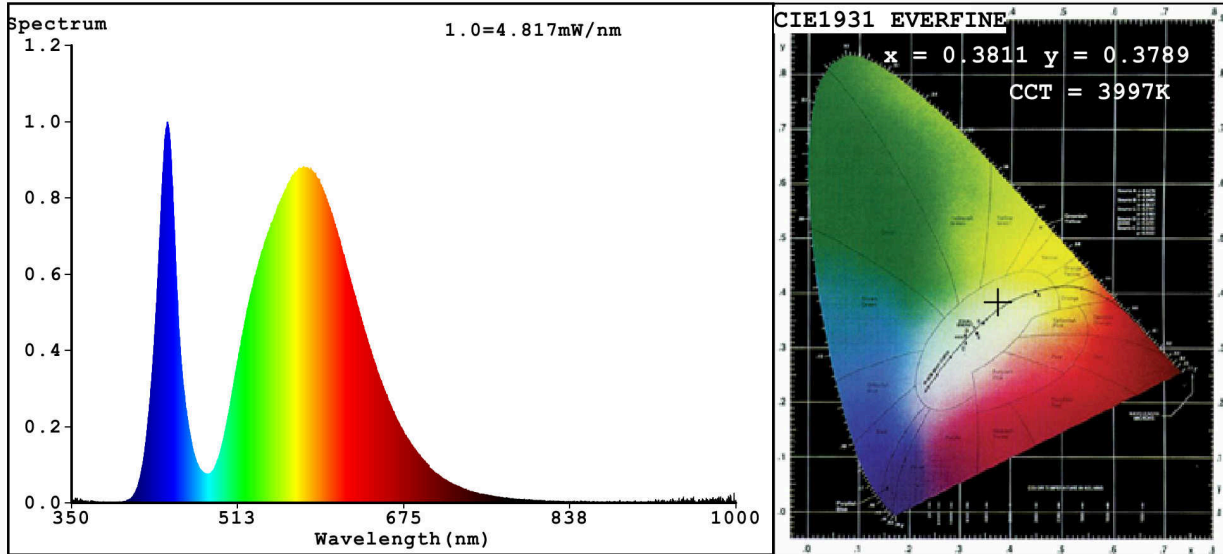
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	230 in Narrow cone (90°)	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	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	66
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,381 0,378
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	443	Beam angle in degrees, or the range of beam angles that can be set	60
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	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	0
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)	0,0	Stroboscopic effect metric (SVM)	0,0

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3811$   $y=0.3789$  /  $u'=0.2247$   $v'=0.5026$   
 CCT=3997K (Duv=0.0008) Dominant WL:Ld =578.6nm Purity=28.1%  
 Ratio:R=16.0% G=82.0% B=1.9% ; Peak WL:Lp=443.5nm FWHM=21.6nm  
 Render Index:Ra=66.8  
 R1 =63 R2 =73 R3 =81 R4 =66 R5 =63 R6 =62 R7 =78  
 R8 =49 R9 =0 R10=37 R11=60 R12=34 R13=64 R14=89 R15=58

**Photo Parameters:**

Flux = 231.7 lm Eff. : 56.54 lm/W Fe = 667.0 mW

**Electrical parameters:**

V = 220.21 V I = 0.03431 A P = 4.098 W PF = 0.5424

WHITE:ANSI\_4000K

Status: Integral T = 145 ms Ip = 47010 (72%)

Model:SA-913/3W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:92913WH/G  
 Date:2015-07-22 10:28  
 Humidity:65.0%  
 Remarks: