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: 92914WW/GR

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:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

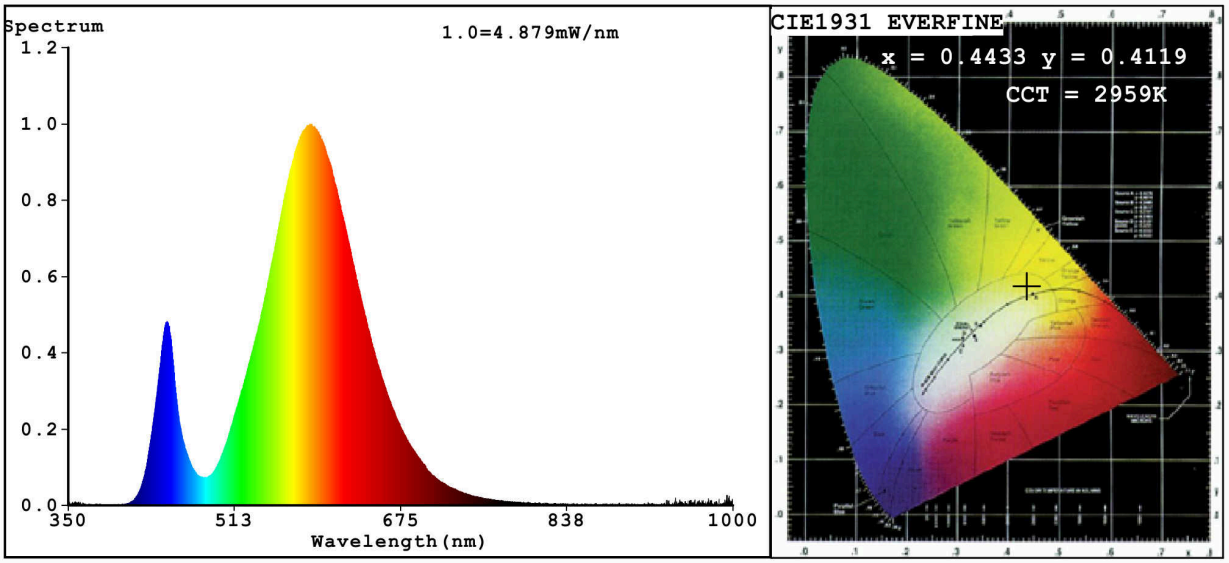
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	3	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	3 000
On-mode power (P_{on}), expressed in W	3,6	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	62
Outer dimensions without — Height	90	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	90		
Outer dimensions without — Depth	41		

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[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,443 0,411
Parameters for directional light sources:				
Peak luminous intensity (cd)		586	Beam angle in degrees, or the range of beam angles that can be set	60
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	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=0.4433 y=0.4119/u'=0.2513 v'=0.5254

CCT=2959K(Duv=0.0022) Dominant WL:Ld =582.3nm Purity=56.7%

Ratio:R=19.9% G=78.8% B=1.4%¡¡Peak WL:Lp=586.2nm FWHM=101.7nm

Render Index:Ra=62.5

R1 =56	R2 =75	R3 =91	R4 =55	R5 =55	R6 =62	R7 =74	
R8 =32	R9 =0	R10=42	R11=44	R12=31	R13=59	R14=95	R15=50

Photo Parameters:

Flux = 227.2 lm Eff. : 62.55 lm/W Fe = 621.1 mW

Electrical parameters:

V = 220.13 V I = 0.03572 A P = 3.632 W PF = 0.4619

WHITE:ANSI_3000K

Status: Integral T = 98 ms Ip = 35461 (54%)

Model:SA-914/3W	Number:92914WW/GR
Tester:Petya Marinova	Date:2015-07-21 12:34
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: