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: 9214WH/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

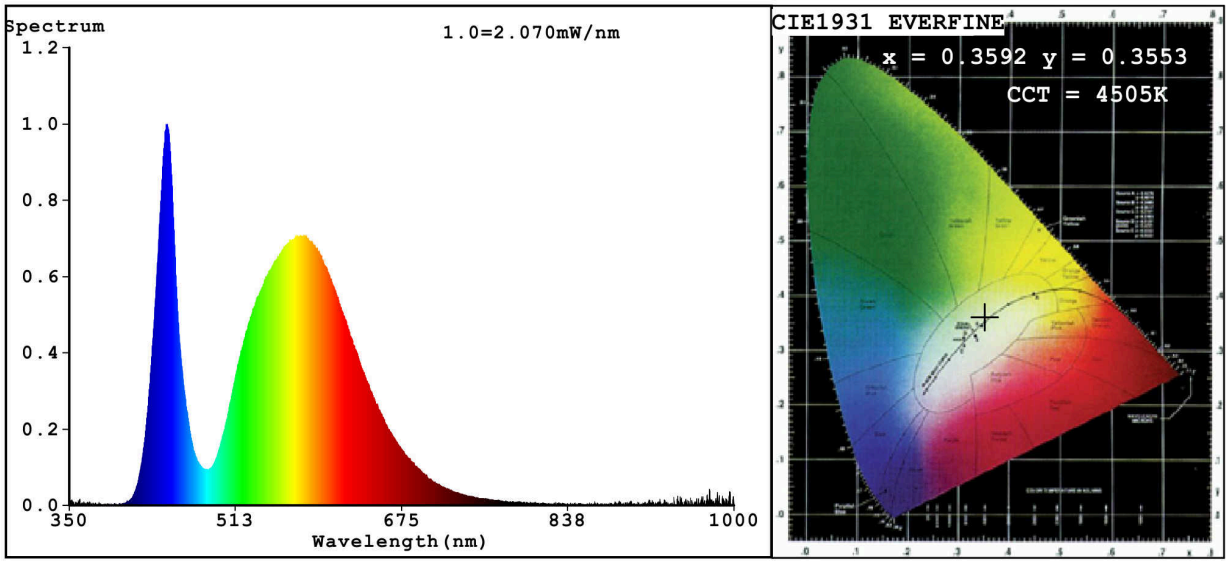
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	80 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	4 300
On-mode power (P_{on}), expressed in W	1,7	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	70
Outer dimensions without — Height	60	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	60		
Outer dimensions without — Depth	21		

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)	0,359 0,355
Parameters for directional light sources:				
Peak luminous intensity (cd)		445	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=0.3592 y=0.3553/u'=0.2195 v'=0.4886

CCT=4505K(Duv=-0.0035) Dominant WL:Ld =580.1nm Purity=14.4%

Ratio:R=15.4% G=82.0% B=2.6%¡¡Peak WL:Lp=445.8nm FWHM=23.0nm

Render Index:Ra=70.0

R1 =68	R2 =76	R3 =80	R4 =70	R5 =68	R6 =65	R7 =79	
R8 =55	R9 =0	R10=41	R11=65	R12=40	R13=69	R14=88	R15=64

Photo Parameters:

Flux = 82.18 lm Eff. : 47.26 lm/W Fe = 247.9 mW

Electrical parameters:

V = 220.10 V I = 0.01733 A P = 1.739 W PF = 0.4559

WHITE:ANSI_4500K

Status: Integral T = 254 ms Ip = 33236 (51%)

Model:SAS-14/1W	Number:9214WH/G
Tester:Petya Marinova	Date:2015-07-23 12:56
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: