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: 9214WW/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

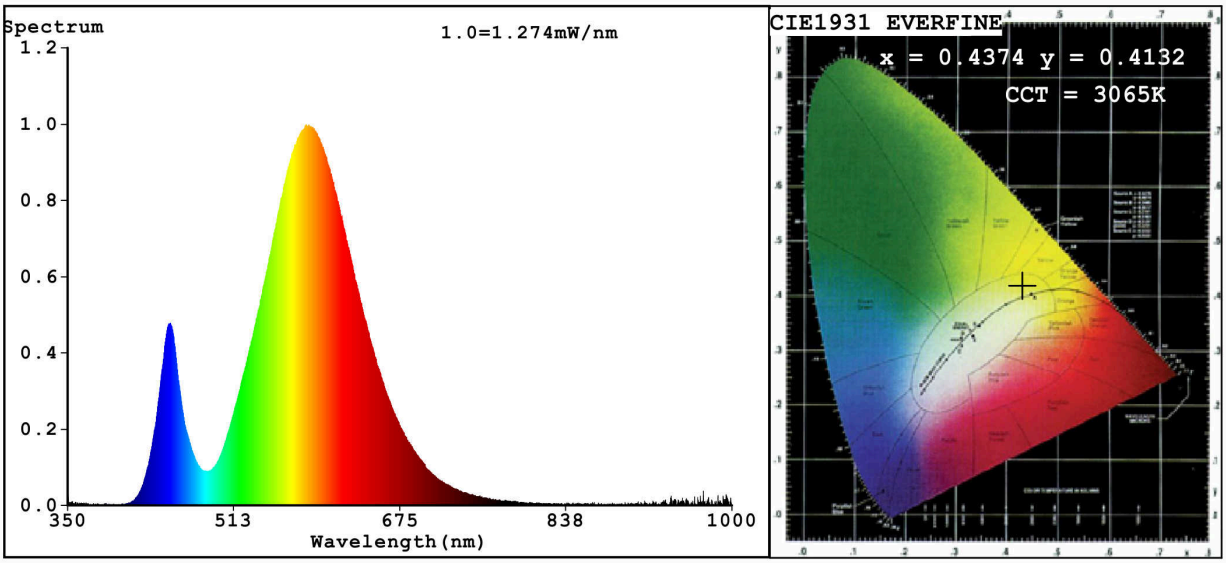
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	60 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	1,6	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	63
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)	0,437 0,413
Parameters for directional light sources:				
Peak luminous intensity (cd)		583	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=0.4374 y=0.4132/u'=0.2470 v'=0.5250

CCT=3065K(Duv=0.0035) Dominant WL:Ld =581.3nm Purity=55.3%

Ratio:R=19.2% G=79.2% B=1.5%¡¡Peak WL:Lp=583.2nm FWHM=104.6nm

Render Index:Ra=63.3

R1 =57	R2 =75	R3 =91	R4 =56	R5 =55	R6 =63	R7 =75	
R8 =34	R9 =0	R10=43	R11=44	R12=30	R13=60	R14=95	R15=51

Photo Parameters:

Flux = 60.61 lm Eff. : 35.86 lm/W Fe = 165.6 mW

Electrical parameters:

V = 220.13 V I = 0.01685 A P = 1.690 W PF = 0.4558

WHITE:ANSI_3000K

Status: Integral T = 508 ms Ip = 48160 (73%)

Model:SAS-14/1W	Number:9214WW/G
Tester:Petya Marinova	Date:2015-07-23 11:19
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: