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: 914LED02

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:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

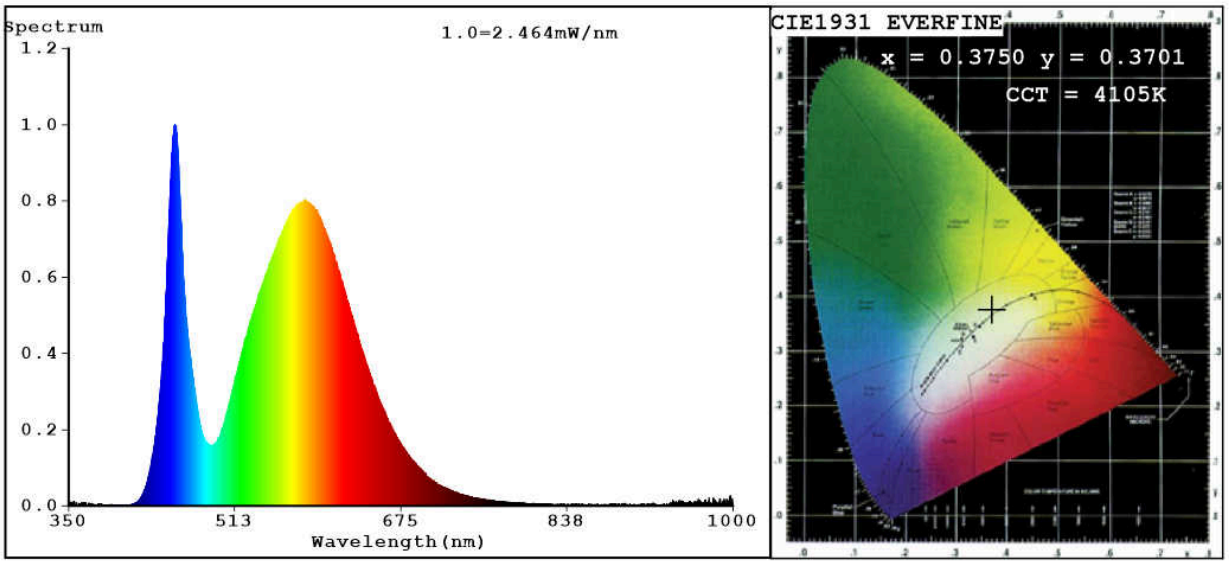
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	110 in Wide cone (120°)	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	1,5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,30
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	72
Outer dimensions without — Height	57	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	57		
Outer dimensions without — Depth	10		

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)	0,375 0,370
Parameters for directional light sources:				
Peak luminous intensity (cd)		454	Beam angle in degrees, or the range of beam angles that can be set	120
Parameters for LED and OLED light sources:				
R9 colour rendering index value		0	Survival factor	0,60
the lumen maintenance factor		0,20		

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3750 y=0.3701/u'=0.2241 v'=0.4978

CCT=4105K(Duv=-0.0015) Dominant WL:Ld =579.6nm Purity=23.6%

Ratio:R=16.4% G=80.4% B=3.2%¡¡Peak WL:Lp=454.0nm FWHM=20.4nm

Render Index:Ra=72.1

R1 =68	R2 =82	R3 =90	R4 =66	R5 =68	R6 =72	R7 =80	
R8 =50	R9 =0	R10=55	R11=59	R12=41	R13=72	R14=94	R15=64

Photo Parameters:

Flux = 106.2 lm Eff. : 69.17 lm/W Fe = 310.9 mW

Electrical parameters:

V = 12.995 V I = 0.1182 A P = 1.536 W PF = 1.000

WHITE:ANSI_4000K

Status: Integral T = 236 ms Ip = 41895 (64%)

Model:CAB-14_2.4W	Number:914LED02
Tester:Petya Marinova	Date:2015-04-15 13:43
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:PO001901