

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: 911LED14

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):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

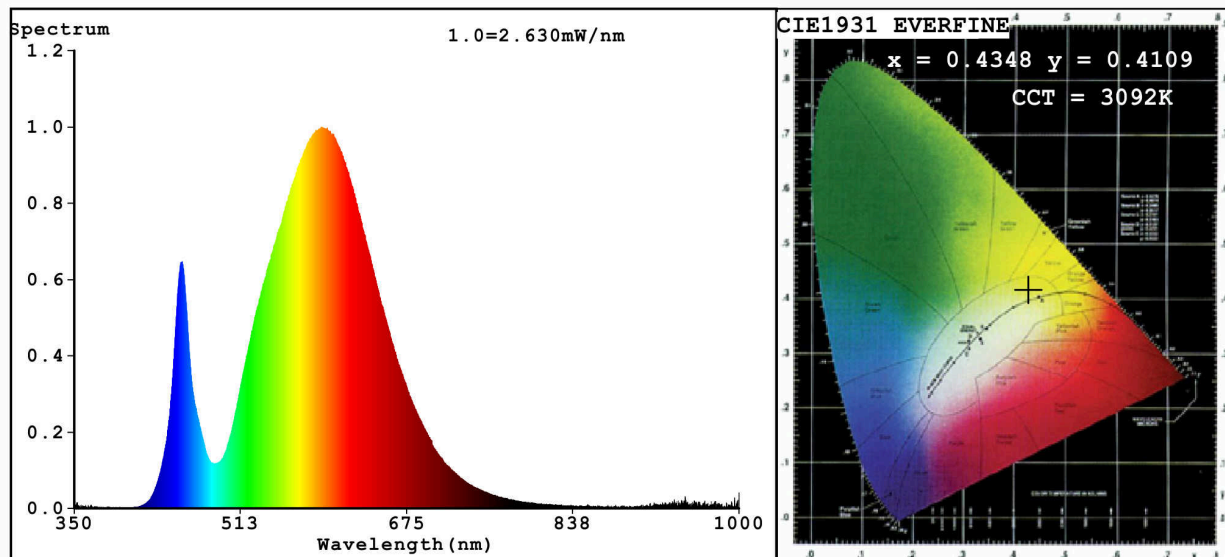
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	120 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	3 000
On-mode power (P_{on}), expressed in W	1,8	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,50
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,50	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	72
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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,434 0,410	
Parameters for directional light sources:				
Peak luminous intensity (cd)	591	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	0,50	
the lumen maintenance factor	0,93			

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4348$ $y=0.4109$ $u'=0.2463$ $v'=0.5237$
 CCT=3092K (Duv=0.0030) Dominant WL: $\lambda_d = 581.4\text{nm}$ Purity=53.9%
 Ratio: R=20.7% G=77.5% B=1.9%; Peak WL: $\lambda_p = 591.5\text{nm}$ FWHM=127.9nm
 Render Index: Ra=72.6
 R1 =69 R2 =82 R3 =91 R4 =67 R5 =67 R6 =73 R7 =82
 R8 =50 R9 =0 R10=56 R11=59 R12=40 R13=71 R14=95 R15=64

Photo Parameters:

Flux = 135.0 lm Eff. : 105.38 lm/W Fe = 396.9 mW

Electrical parameters:

V = 9.6581 V I = 0.1326 A P = 1.281 W PF = 1.000

WHITE: ANSI_3000K

Status: Integral T = 250 ms Ip = 52979 (81%)

Model: CAB-11_3.5W
 Tester: Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 911LED14
 Date: 2015-04-14 16:36
 Humidity: 65.0%
 Remarks: PO001901