

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: 915LED03

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

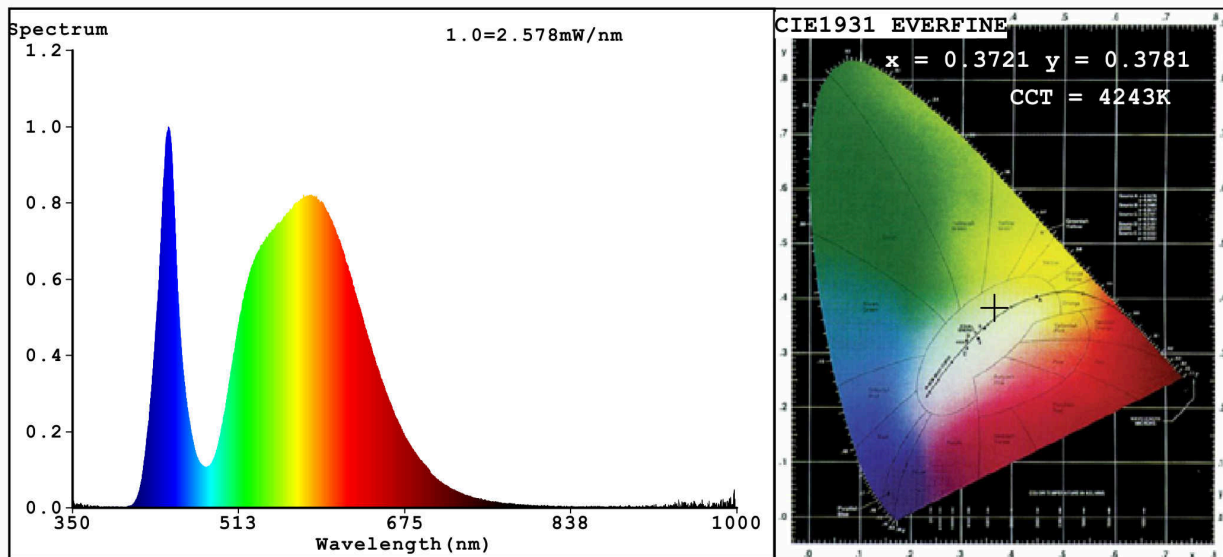
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	130 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	1,8	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	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)	0,372 0,378
Parameters for directional light sources:				
Peak luminous intensity (cd)	443		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: $x=0.3721$ $y=0.3781$ / $u'=0.2191$ $v'=0.5010$
 CCT=4243K (Duv=0.0032) Dominant WL: $\lambda_d = 576.3\text{nm}$ Purity=25.1%
 Ratio: R=16.1% G=81.6% B=2.3%; Peak WL: $\lambda_p = 443.5\text{nm}$ FWHM=22.1nm
 Render Index: Ra=72.6
 R1 =71 R2 =77 R3 =82 R4 =74 R5 =70 R6 =69 R7 =81
 R8 =57 R9 =0 R10=46 R11=72 R12=45 R13=71 R14=90 R15=64

Photo Parameters:

Flux = 124.2 lm Eff. : 67.59 lm/W Fe = 365.1 mW

Electrical parameters:

V = 11.914 V I = 0.1542 A P = 1.837 W PF = 1.000

WHITE: ANSI_4000K

Status: Integral T = 200 ms Ip = 35582 (54%)

Model: CAB-15_1.8W
 Tester: Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 915LED03
 Date: 2015-04-15 14:39
 Humidity: 65.0%
 Remarks: PO001901