

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: 912LED06

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
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

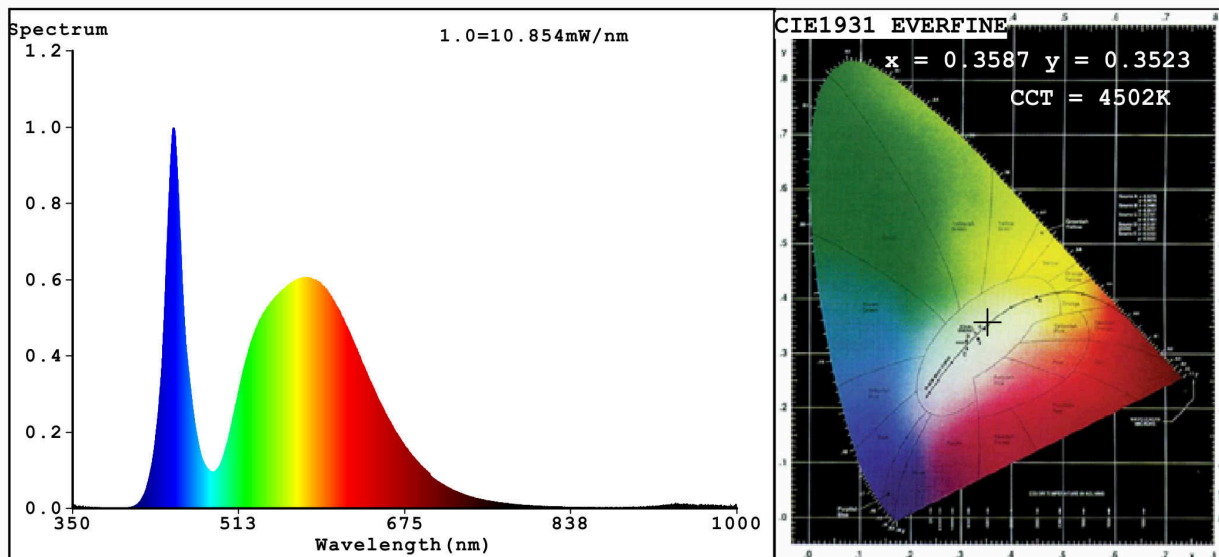
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	400 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	7,6	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	0,30	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	75
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)	0,358 0,352	
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: $x=0.3587$ $y=0.3523$ $u'=0.2204$ $v'=0.4870$
 CCT=4502K (Duv=-0.0049) Dominant WL: $\lambda_d = 581.7\text{nm}$ Purity=13.3%
 Ratio: R=16.3% G=80.7% B=3.0%; Peak WL: $\lambda_p = 448.6\text{nm}$ FWHM=20.0nm
 Render Index: Ra=75.4
 R1 =75 R2 =81 R3 =82 R4 =75 R5 =73 R6 =71 R7 =83
 R8 =63 R9 =0 R10=51 R11=70 R12=42 R13=75 R14=90 R15=72

Photo Parameters:

Flux = 387.4 lm Eff. : 50.92 lm/W Φ_e = 1.210 W

Electrical parameters:

V = 229.95 V I = 0.07251 A P = 7.608 W PF = 0.4563

WHITE: ANSI_4500K

Status: Integral T = 49 ms I_p = 44517 (68%)

Model: LED CAB-12/6.4W
 Tester: Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 912LED06
 Date: 2014-05-21 10:55
 Humidity: 65.0%
 Remarks: