

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: 911LED04

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

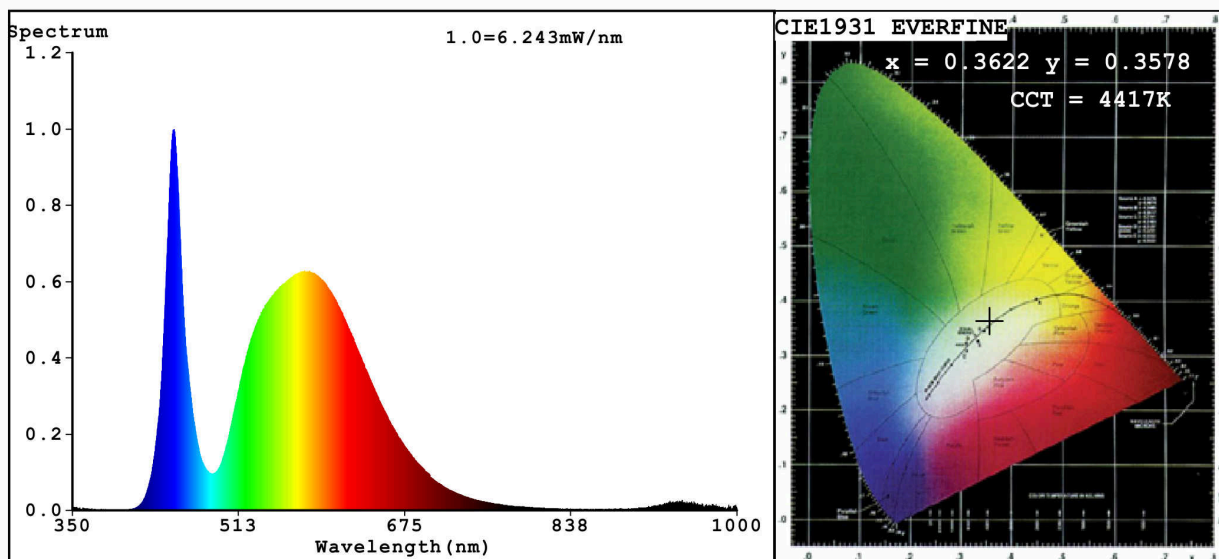
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	250 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	4,7	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	74
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)	0,362 0,357
Parameters for directional light sources:				
Peak luminous intensity (cd)	449		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: $x=0.3622$ $y=0.3578$ / $u'=0.2206$ $v'=0.4902$
 CCT=4417K (Duv=-0.0034) Dominant WL:Ld =580.1nm Purity=16.0%
 Ratio:R=16.3% G=80.8% B=2.9%; Peak WL:Lp=449.6nm FWHM=19.5nm
 Render Index:Ra=74.7
 R1 =73 R2 =80 R3 =83 R4 =74 R5 =72 R6 =70 R7 =83
 R8 =62 R9 =0 R10=50 R11=69 R12=40 R13=74 R14=90 R15=71

Photo Parameters:

Flux = 229.1 lm Eff. : 48.02 lm/W Fe = 709.4 mW

Electrical parameters:

V = 229.83 V I = 0.04943 A P = 4.771 W PF = 0.4200

WHITE:ANSI_4500K

Status: Integral T = 62 ms Ip = 32410 (49%)

Model:LED CAB-11/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:911LED04
 Date:2014-05-21 09:37
 Humidity:65.0%
 Remarks: