

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: 912LED16

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

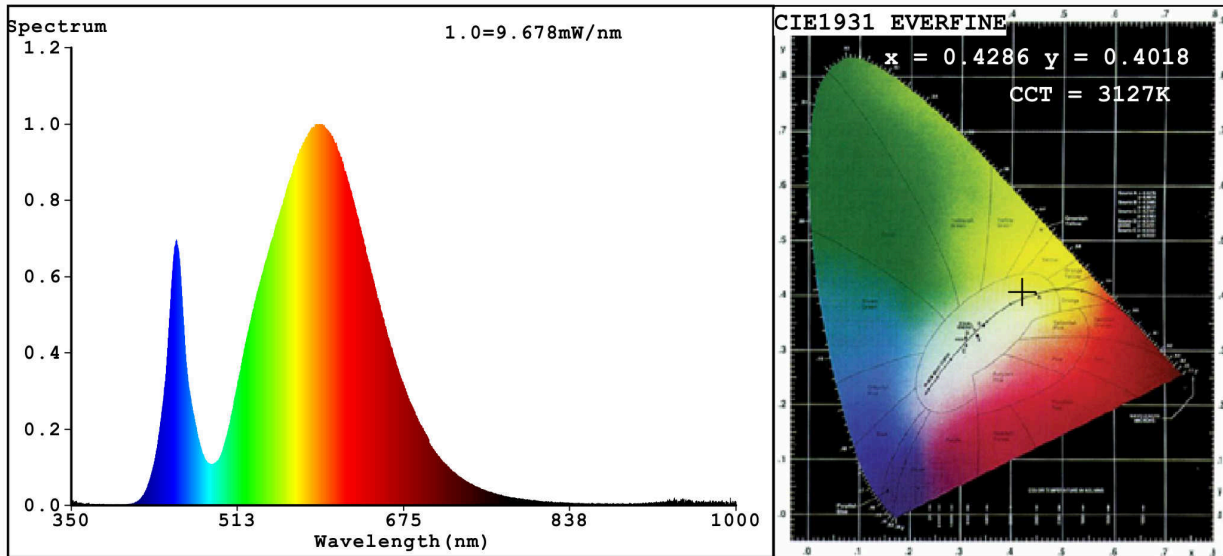
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	450 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	6,3	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	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)	0,428 0,401
Parameters for directional light sources:			
Peak luminous intensity (cd)	592	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: $x=0.4286$ $y=0.4018$ / $u'=0.2462$ $v'=0.5192$
 CCT=3127K (Duv=0.0003) Dominant WL: $L_d = 582.2\text{nm}$ Purity=49.3%
 Ratio: R=20.6% G=77.6% B=1.9% ; Peak WL: $L_p = 592.5\text{nm}$ FWHM=127.1nm
 Render Index: Ra=72.4
 R1 =69 R2 =81 R3 =90 R4 =68 R5 =67 R6 =72 R7 =81
 R8 =50 R9 =0 R10=55 R11=60 R12=42 R13=71 R14=94 R15=64

Photo Parameters:

Flux = 496.3 lm Eff. : 78.20 lm/W $F_e = 1.475$ W

Electrical parameters:

V = 11.993 V I = 0.5292 A P = 6.347 W PF = 1.000

WHITE: ANSI_3000K

Status: Integral T = 68 ms $I_p = 53120$ (81%)

Model: CAB-12_7W
 Tester: Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 912LED16
 Date: 2015-04-15 13:17
 Humidity: 65.0%
 Remarks: P0001901