

# 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:** 916LED15

**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

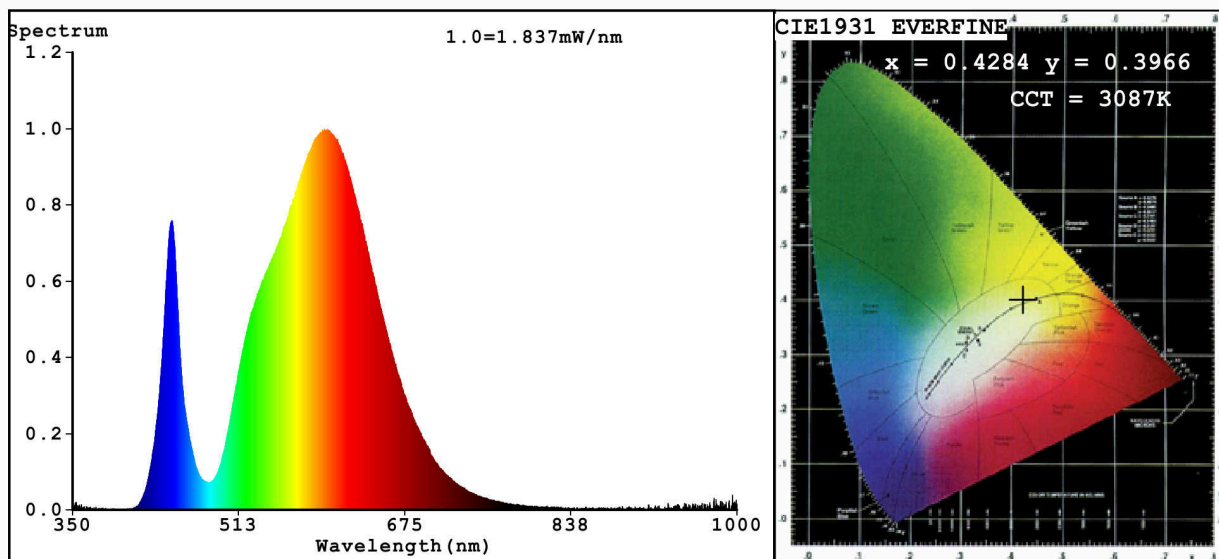
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	1	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	90 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	0,9	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	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 <sup>(a)</sup>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,428 0,396
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	596		Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>				
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:  $x=0.4284$   $y=0.3966$   $u'=0.2483$   $v'=0.5171$   
 CCT=3087K (Duv=-0.0018) Dominant WL:Ld =583.1nm Purity=47.6%  
 Ratio:R=21.4% G=77.0% B=1.6%; Peak WL:Lp=596.5nm FWHM=131.2nm  
 Render Index:Ra=74.6  
 R1 =73 R2 =82 R3 =89 R4 =73 R5 =71 R6 =74 R7 =81  
 R8 =54 R9 =0 R10=57 R11=69 R12=48 R13=74 R14=93 R15=67

### Photo Parameters:

Flux = 92.75 lm Eff. : 98.31 lm/W Fe = 276.6 mW

### Electrical parameters:

V = 12.080 V I = 0.07810 A P = 0.9434 W PF = 1.000

WHITE:ANSI\_3000K

Status: Integral T = 246 ms Ip = 35604 (54%)

Model:CAB-16\_1W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:916LED15  
 Date:2015-04-14 16:01  
 Humidity:65.0%  
 Remarks:PO001901