

# 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:** 955OLIVIA7W

## 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:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

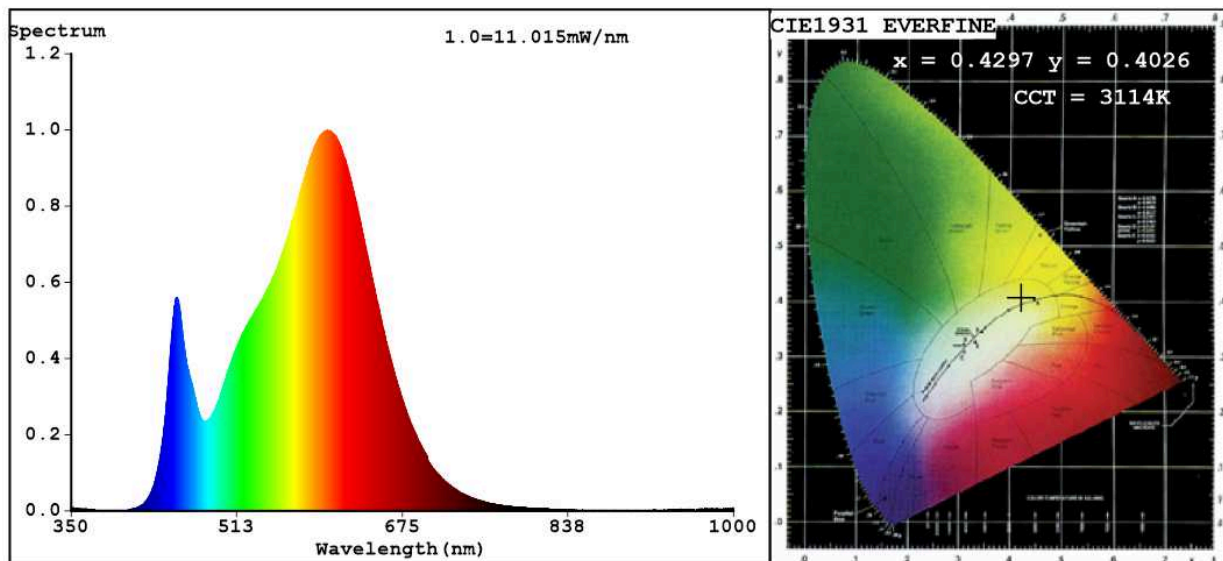
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	500 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	10,5	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	82
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)	0,429 0,402	
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	601	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	4	Survival factor	0,50	
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,20	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,6	Stroboscopic effect metric (SVM)	0,2	

(a) - : not applicable;

(b) - : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4297$   $y=0.4026$   $u'=0.2465$   $v'=0.5197$   
 CCT=3114K (Duv=0.0005) Dominant WL:  $L_d = 582.2nm$  WL:  $L_c = --nm$  Purity=49.8%  
 Ratio: R=22.1% G=75.0% B=2.9% Peak WL:  $L_p = 601.5nm$  FWHM=129.3nm  
 Render Index:  $R_a = 82.3$   $AvgR = 76.4$  TM30:  $R_f = 84$   $R_g = 94$   $L_{av} = 586.4nm$

R1 =81	R2 =92	R3 =96	R4 =79	R5 =81	R6 =90	R7 =82
R8 =58	R9 =4	R10=80	R11=78	R12=70	R13=84	R14=98
						R15=73

### Photo Parameters:

Flux = 547.1 lm Eff. : 51.99 lm/W  $F_e = 1.649 W$

### Electrical parameters:

V = 225.16 V I = 0.2092 A P = 10.52 W PF = 0.2234

WHITE: ANSI\_3000K

Status: Integral T = 101 ms  $I_p = 49215 (75\%)$

Model: CHANDELIER  
 Tester: Atanas DAKOV  
 Temperature: 25.3Deg  
 Manufacturer: ELMARK

Number: 955OLIVIA7W  
 Date: 2021-12-16 15:34:39  
 Humidity: 65.0%  
 Remarks: