

# 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:** 955JOSEY192W

**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:	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

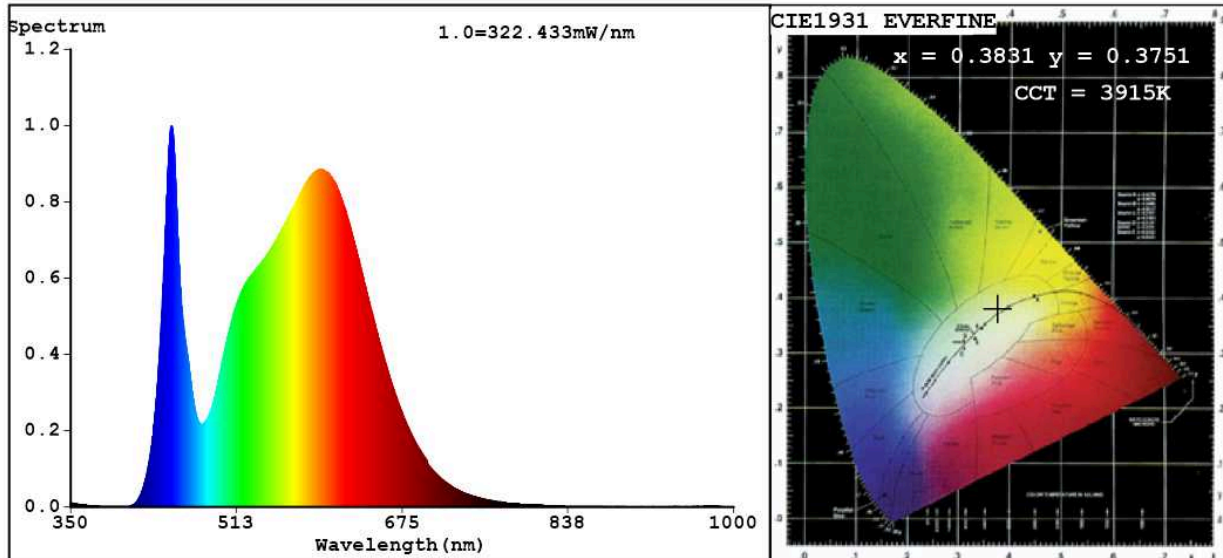
Parameter	Value	Parameter	Value
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	192	Energy efficiency class	G
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	15 000 in Sphere (360°)	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	201,0	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	83
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)	0,383 0,375	
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	10	Survival factor	0,50	
the lumen maintenance factor	0,93			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,80	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:  $x=0.3831$   $y=0.3751$   $u'=0.2276$   $v'=0.5012$   
 CCT=3915K (Duv=-0.0016) Dominant WL:Ld =580.3nm WL:Lc = --nm Purity=27.5%  
 Ratio:R=18.7% G=77.9% B=3.3%; Peak WL:Lp=448.9nm FWHM=20.6nm  
 Render Index:Ra=83.0 AvgR=76.6 TM30:Rf=83 Rg=97 Lav=571.0nm

R1 =82 R2 =88 R3 =94 R4 =83 R5 =82 R6 =84 R7 =86  
 R8 =65 R9 =10 R10=73 R11=82 R12=64 R13=83 R14=96 R15=76

### Photo Parameters:

Flux = 16213 lm Eff. : 80.37 lm/W Fe = 49.65 W

### Electrical parameters:

V = 224.95 V I = 1.014 A P = 201.7 W PF = 0.8844

WHITE:ANSI\_4000K

Status: Integral T = 3 ms Ip = 38096 (58%)

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

Number:955JOSEY192W  
 Date:2021-12-16 15:02:07  
 Humidity:65.0%  
 Remarks: