

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: 955JOSEY156P

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

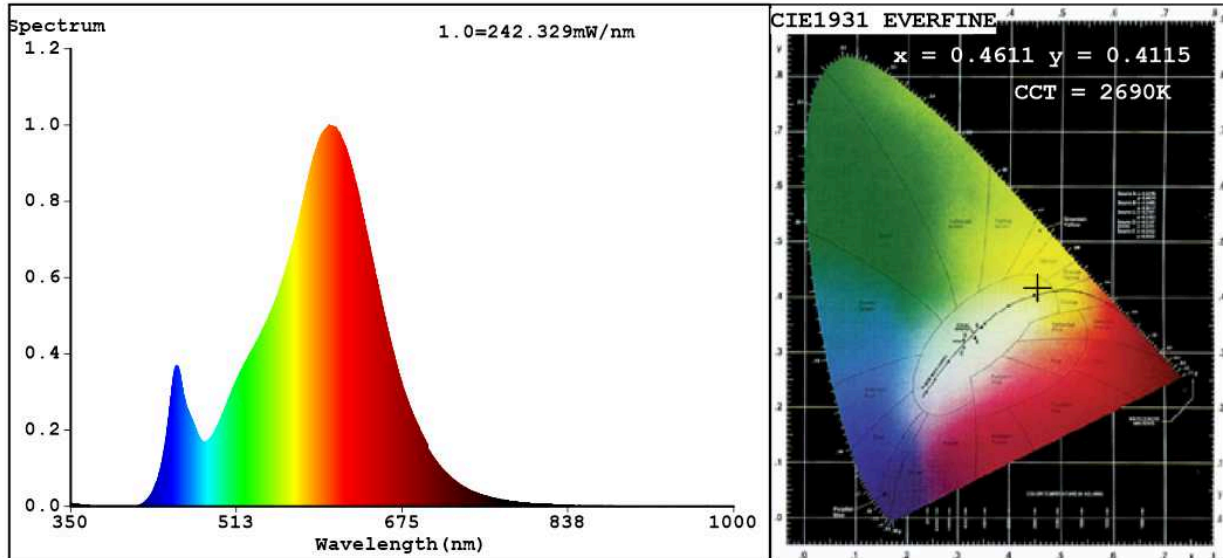
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	156	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	11 000 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	3 000
On-mode power (P_{on}), expressed in W	169,0	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	80
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)	0,461 0,411	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	1	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_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: $x=0.4611$ $y=0.4115$ $u'=0.2629$ $v'=0.5279$
 CCT=2690K (Duv=0.0002) Dominant WL: $L_d = 584.2nm$ WL: $L_c = --nm$ Purity=61.9%
 Ratio: R=25.0% G=72.8% B=2.2% Peak WL: $L_p = 603.5nm$ FWHM=113.5nm
 Render Index: $R_a = 80.7$ $AvgR = 75.1$ TM30: $R_f = 83$ $R_g = 95$ $L_{av} = 595.8nm$

R1 =79 R2 =91 R3 =95 R4 =77 R5 =79 R6 =90 R7 =80
 R8 =54 R9 =1 R10=80 R11=76 R12=72 R13=82 R14=98 R15=71

Photo Parameters:

Flux = 10931 lm Eff. : 64.42 lm/W $F_e = 33.43 W$

Electrical parameters:

V = 224.96 V I = 0.8479 A P = 169.7 W PF = 0.8896

WHITE: ANSI_2700K

Status: Integral T = 4 ms $I_p = 42977$ (66%)

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

Number: 955JOSEY156P
 Date: 2021-12-16 14:02:21
 Humidity: 65.0%
 Remarks: