

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: 955JOSEY120

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

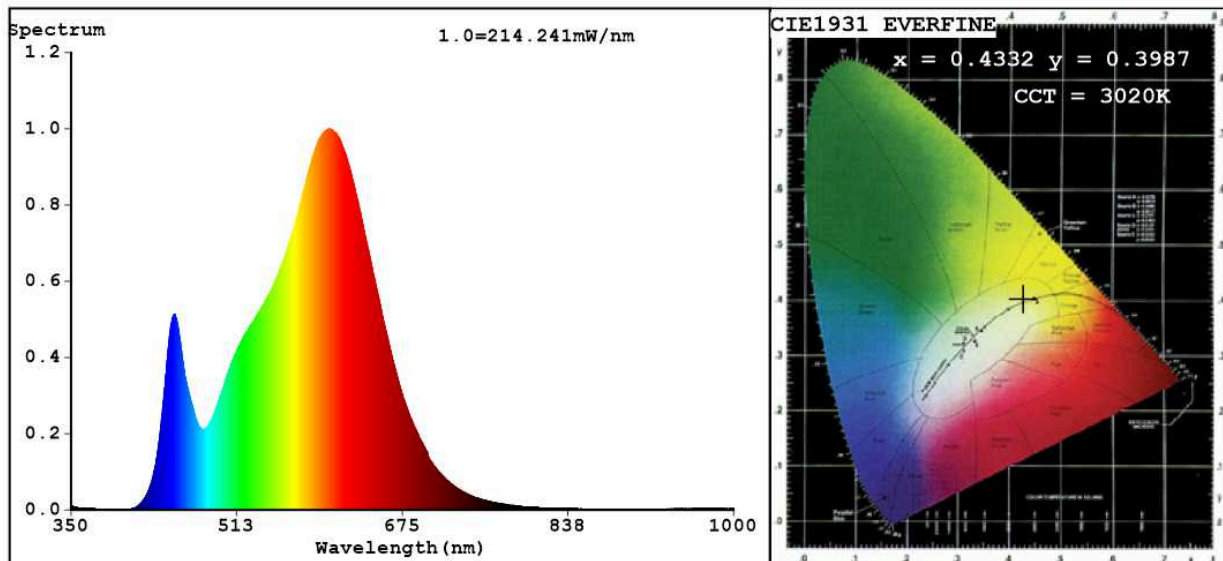
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	120	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	10 000 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	128,0	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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,433 0,398	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	9	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)	0,5	Stroboscopic effect metric (SVM)	0,2	

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4332$ $y=0.3987$ / $u'=0.2505$ $v'=0.5187$
 $CCT=3020K$ (Duv=-0.0017) Dominant WL:Ld =583.4nm WL:Lc = --nm Purity=49.7%
 Ratio:R=23.0% G=74.2% B=2.8%; Peak WL:Lp=603.5nm FWHM=126.2nm
 Render Index:Ra=83.5 AvgR=78.3 TM30:Rf=84 Rg=96 Lav=588.7nm

R1 =82	R2 =92	R3 =96	R4 =82	R5 =83	R6 =91	R7 =82
R8 =59	R9 =9	R10=83	R11=81	R12=75	R13=85	R14=98 R15=75

Photo Parameters:

Flux = 10380 lm Eff. : 80.76 lm/W Fe = 31.88 W

Electrical parameters:

V = 225.01 V I = 0.6390 A P = 128.5 W PF = 0.8938

WHITE:ANSI_3000K

Status: Integral T = 5 ms Ip = 47486 (72%)

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

Number:955JOSEY120
 Date:2021-12-16 16:22:56
 Humidity:65.0%
 Remarks: