

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: 955JOSEY192

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

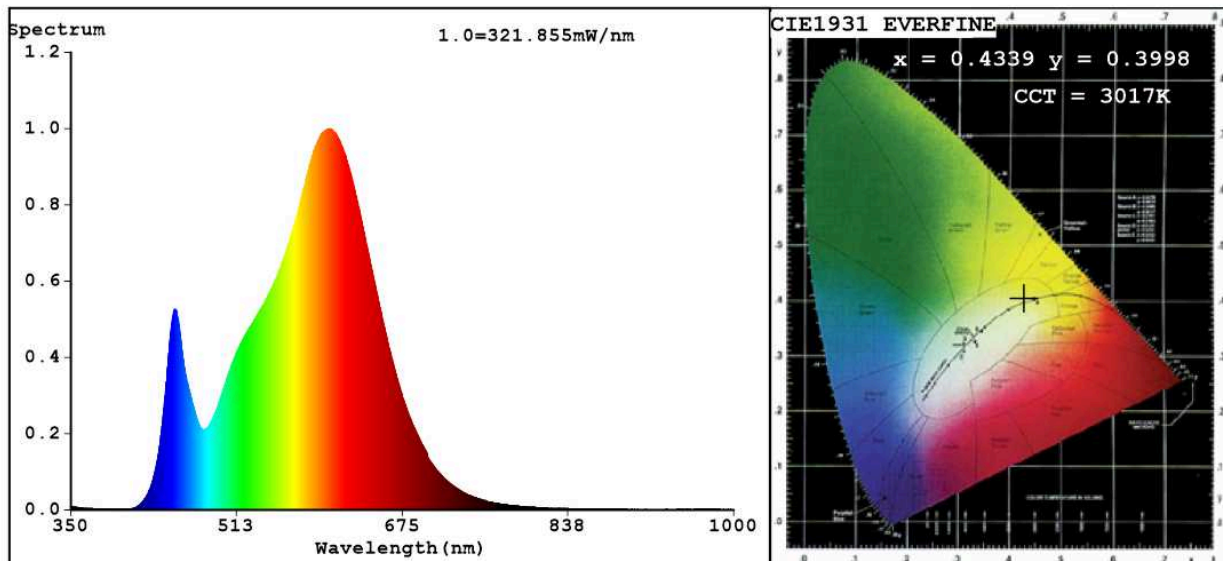
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	192	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	3 000
On-mode power (P_{on}), expressed in W	209,0	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	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 ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,433 0,399	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	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: $x=0.4339$ $y=0.3998$ $u'=0.2504$ $v'=0.5192$
 CCT=3017K (Duv=-0.0013) Dominant WL:Ld =583.2nm WL:Lc = --nm Purity=50.2%
 Ratio:R=22.9% G=74.3% B=2.7% Peak WL:Lp=603.5nm FWHM=125.1nm
 Render Index:Ra=82.9 AvgR=77.6 TM30:Rf=84 Rg=96 Lav=588.4nm

R1 =82	R2 =92	R3 =95	R4 =81	R5 =82	R6 =91	R7 =82
R8 =59	R9 =7	R10=82	R11=80	R12=74	R13=84	R14=98 R15=74

Photo Parameters:

Flux = 15582 lm Eff. : 74.47 lm/W Fe = 47.52 W

Electrical parameters:

V = 224.91 V I = 1.044 A P = 209.2 W PF = 0.8907

WHITE:ANSI_3000K

Status: Integral T = 3 ms Ip = 42804 (65%)

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

Number:955JOSEY192
 Date:2021-12-16 14:32:09
 Humidity:65.0%
 Remarks: