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: 955AZZAR7

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

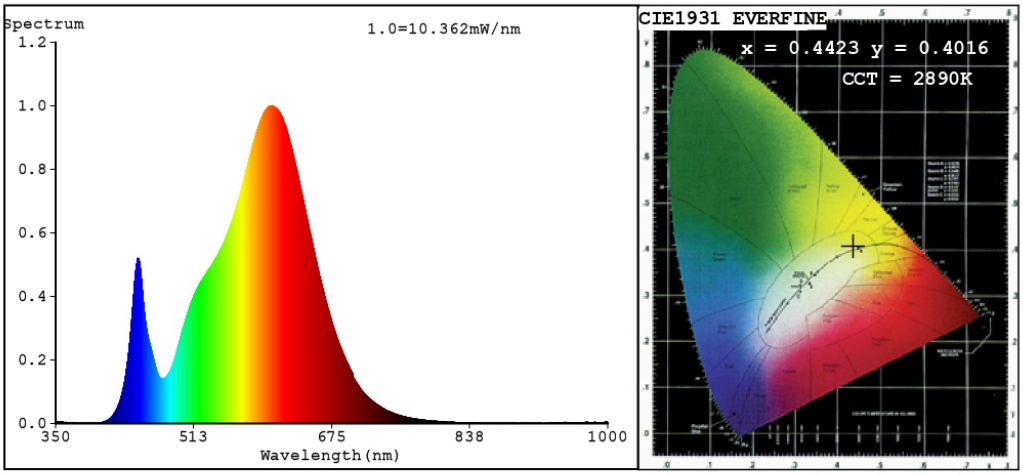
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	500 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	2 900
On-mode power (P_{on}), expressed in W	7,9	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 separate control gear, lighting control — Height	100	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	100		
Depth	75		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power[(a)]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,442 0,401
Parameters for LED and OLED light sources:				
R9 colour rendering index value		7	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,40	Colour consistency in McAdam ellipses	6
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)		0,0	Stroboscopic effect metric (SVM)	0,0

[(a)] '-' : not applicable;

[(b)] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4423 y=0.4016/u'=0.2552 v'=0.5212
CCT=2890K(Duv=-0.0017) Dominant WL:Ld =583.9nm WL:Lc = --nm Purity=53.3%
Ratio:R=23.7% G=74.0% B=2.3%¡¡Peak WL:Lp=604.5nm FWHM=123.8nm
Render Index:Ra=82.4

R1 =81	R2 =90	R3 =97	R4 =81	R5 =81	R6 =89	R7 =82	
R8 =59	R9 =7	R10=78	R11=81	R12=74	R13=83	R14=99	R15=74

Photo Parameters:

Flux = 494.7 lm Eff. : 62.23 lm/W Fe = 1.524 W

Electrical parameters:

V = 227.34 V I = 0.07508 A P = 7.949 W PF = 0.4657
WHITE:ANSI_3000K

Status: Integral T = 96 ms Ip = 49833 (76%)

Model:CHANDELIER	Number:955AZZAR7
Tester:Atanas DAKOV	Date:2023-10-27 10:37:08
Temperature:22.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: