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: 955AZZAR66

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

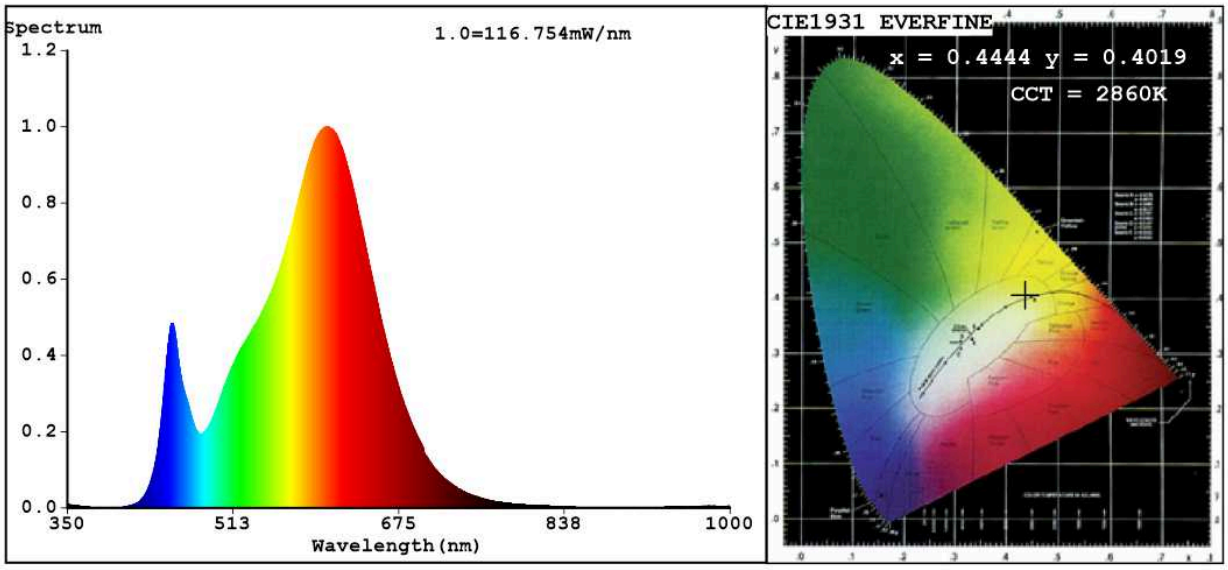
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	66	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	5 500 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	3 000
On-mode power (P_{on}), expressed in W	71,0	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	580	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	580		
Outer dimensions without — Depth	140		

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)	0,444 0,401
Parameters for LED and OLED light sources:				
R9 colour rendering index value		8	Survival factor	0,50
the lumen maintenance factor		0,95		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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)		0,0	Stroboscopic effect metric (SVM)	0,0

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.4444 y=0.4019/u'=0.2564 v'=0.5216

CCT=2860K(Duv=-0.0018) Dominant WL:Ld =584.1nm WL:Lc = --nm Purity=54.0%

Ratio:R=24.0% G=73.4% B=2.6%¡¡Peak WL:Lp=603.5nm FWHM=118.9nm

Render Index:Ra=82.5 AvgR=77.4 TM30:Rf=84 Rg=96 Lav=592.1nm

R1 =82	R2 =93	R3 =95	R4 =80	R5 =82	R6 =91	R7 =81	
R8 =58	R9 =8	R10=83	R11=79	R12=75	R13=84	R14=98	R15=74

Photo Parameters:

Flux = 5481 lm Eff. : 76.71 lm/W Fe = 16.91 W

Electrical parameters:

V = 225.08 V I = 0.3856 A P = 71.45 W PF = 0.8232

WHITE:ANSI_2700K

Status: Integral T = 9 ms Ip = 46609 (71%)

Model:CHANDELIER	Number:955AZZAR66
Tester:Atanas DAKOV	Date:2021-12-20 14:21:26
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks: