

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: 955SENSO6

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

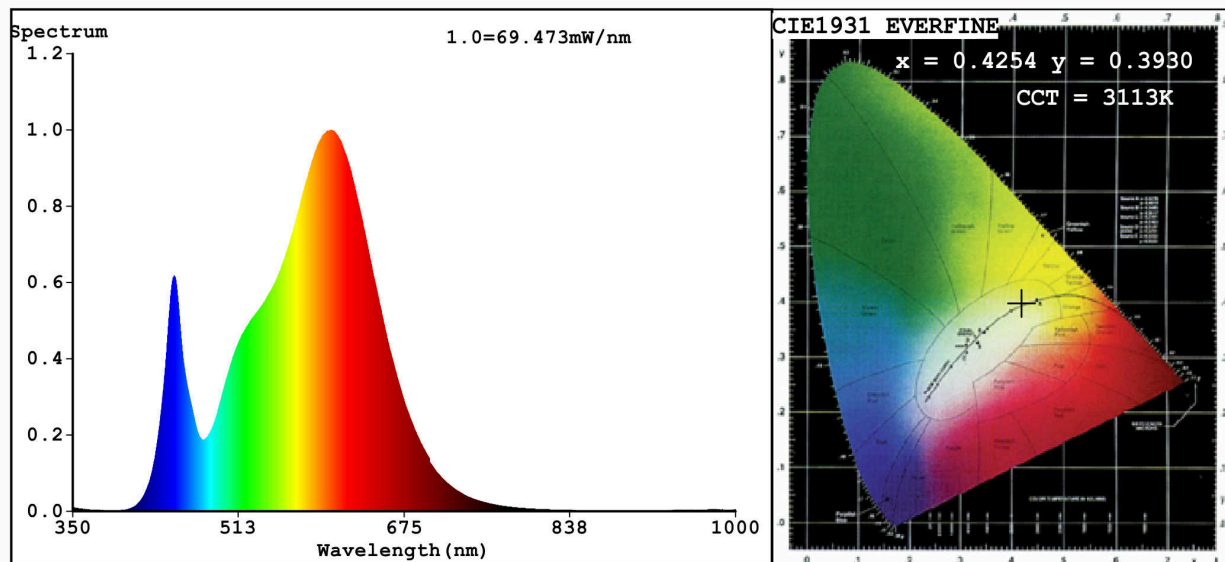
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	50	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	3 500 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	52,8	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)	0,425 0,393	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	7	Survival factor	0,00	
the lumen maintenance factor	0,00			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	-	
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: $x=0.4254$ $y=0.3930$ $u'=0.2478$ $v'=0.5152$
 CCT=3113K (Duv=-0.0028) Dominant WL:Ld =583.5nm WL:Lc = --nm Purity=45.6%
 Ratio:R=22.4% G=74.9% B=2.7%; Peak WL:Lp=603.1nm FWHM=130.1nm
 Render Index:Ra=83.0

R1 =82	R2 =91	R3 =96	R4 =82	R5 =83	R6 =89	R7 =82
R8 =59	R9 =7	R10=80	R11=82	R12=75	R13=84	R14=98 R15=75

Photo Parameters:

Flux = 3422 lm Eff. : 64.78 lm/W Fe = 10.48 W

Electrical parameters:

V = 219.90 V I = 0.2490 A P = 52.84 W PF = 0.9648

WHITE:ANSI_3000K

Status: Integral T = 21 ms Ip = 47654 (73%)

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

Number:955SENSO6
 Date:2020-07-29 10:49:26
 Humidity:65.0%
 Remarks:6716