

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: 955SENSO2W

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

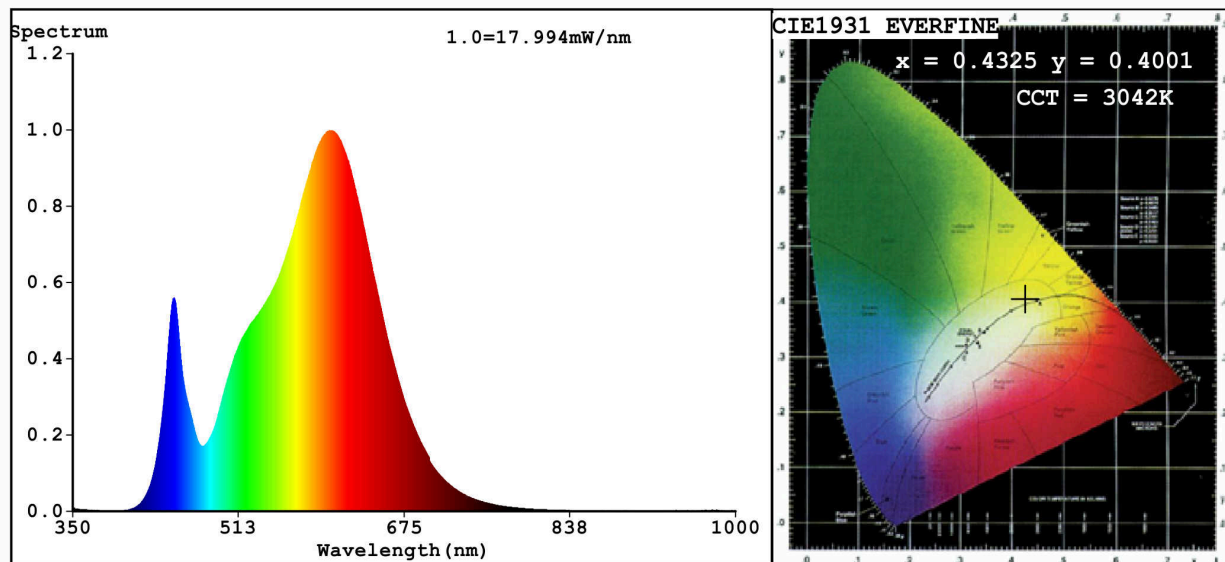
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	17	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	900 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	17,9	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	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)	0,432 0,400	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	5	Survival factor	0,00	
the lumen maintenance factor	0,00			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	0	
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: $x=0.4325$ $y=0.4001$ $u'=0.2495$ $v'=0.5191$
 CCT=3042K (Duv=-0.0010) Dominant WL:Ld =583.0nm WL:Lc = --nm Purity=49.9%
 Ratio:R=22.7% G=74.8% B=2.5%; Peak WL:Lp=601.5nm FWHM=128.2nm
 Render Index:Ra=82.6

R1 =81	R2 =91	R3 =96	R4 =81	R5 =81	R6 =89	R7 =83
R8 =59	R9 =5	R10=79	R11=81	R12=73	R13=83	R14=99 R15=73

Photo Parameters:

Flux = 879.0 lm Eff. : 49.12 lm/W Fe = 2.664 W

Electrical parameters:

V = 219.88 V I = 0.1591 A P = 17.90 W PF = 0.5115

WHITE:ANSI_3000K

Status: Integral T = 80 ms Ip = 51206 (78%)

Model:WALL LAMP
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:955SENSO2W
 Date:2020-07-27 09:42:12
 Humidity:65.0%
 Remarks:6716