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: 99LED901CW

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

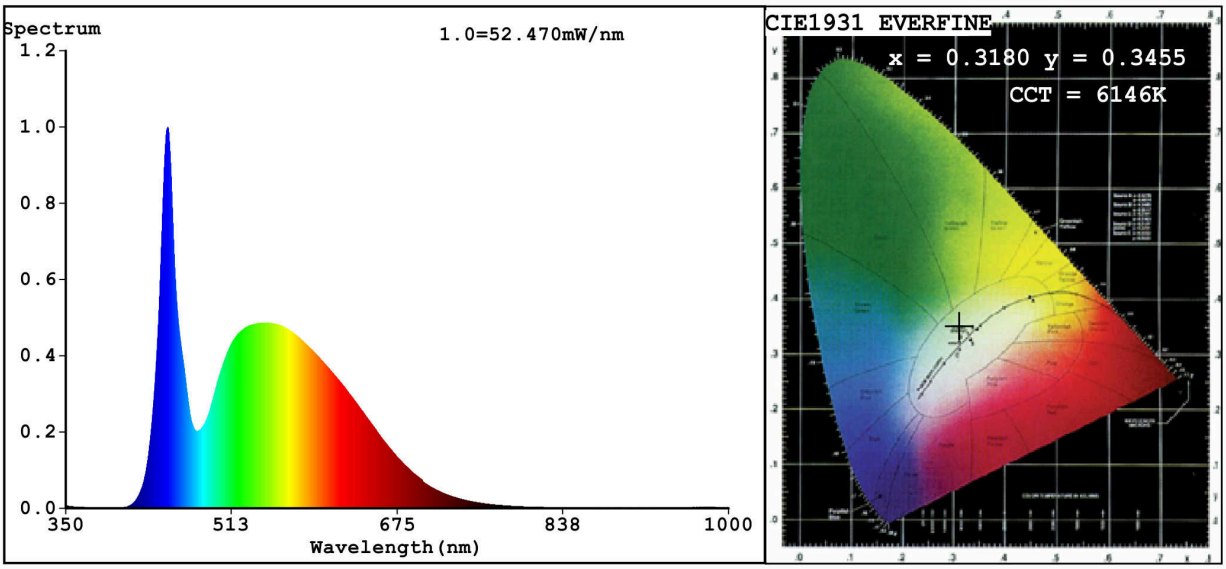
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	15	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	1 500 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	6 000
On-mode power (P_{on}), expressed in W	12,8	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	82
Outer dimensions without — Height	140	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	45		
Outer dimensions without — Depth	45		

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]		Yes	If yes, equivalent power (W)	105
			Chromaticity coordinates (x and y)	0,318 0,345
Parameters for LED and OLED light sources:				
R9 colour rendering index value		12	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		Yes[b]	If yes then replacement claim (W)	99
Flicker metric (Pst LM)		6,0	Stroboscopic effect metric (SVM)	0,4

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3180 y=0.3455/u'=0.1954 v'=0.4777

CCT=6146K(Duv=0.0089) Dominant WL:Ld =502.3nm WL:Lc = --nm Purity=4.7%

Ratio:R=13.3% G=81.7% B=5.0%¡¡Peak WL:Lp=449.9nm FWHM=19.0nm

Render Index:Ra=82.0

R1 =79	R2 =85	R3 =89	R4 =82	R5 =80	R6 =80	R7 =90	
R8 =72	R9 =12	R10=64	R11=81	R12=55	R13=80	R14=94	R15=75

Photo Parameters:

Flux = 1624 lm Eff. : 126.24 lm/W Fe = 5.248 W

Electrical parameters:

V = 220.01 V I = 0.06297 A P = 12.86 W PF = 0.9285

WHITE:ANSI_6500K

Status: Integral T = 24 ms Ip = 53051 (81%)

Model:LED STICK T50	Number:99LED901CW
Tester:Atanas DAKOV	Date:2021-01-26 14:10:04
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7084