

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: 99LED911

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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

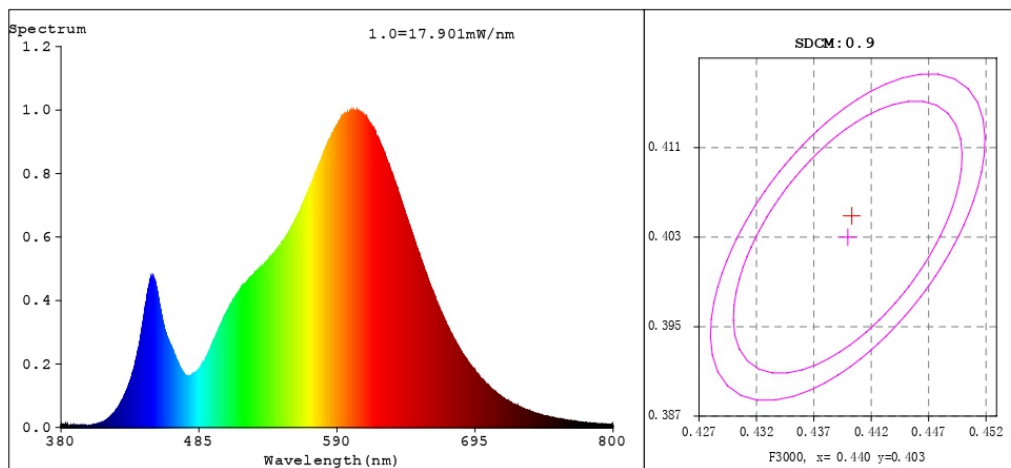
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	860 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	7,8	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 separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	58	
		Chromaticity coordinates (x and y)	0,440 0,409	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	4	Survival factor	0,90	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	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)	55	
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: $x=0.4404$ $y=0.4049$ $u'=0.2524$ $v'=0.5222$

CCT=2950K (Duv=-0.0001) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=53.7%

Ratio:R=23.1% G=74.5% B=2.4% Peak WL:Lp=601.9nm FWHM=125.6nm

Render Index:Ra=82.0 AvgR=76.2

R1 =80	R2 =90	R3 =97	R4 =80	R5 =81	R6 =88	R7 =82	
R8 =58	R9 =4	R10=78	R11=80	R12=73	R13=82	R14=99	R15=72

Photo Parameters:

Flux = 862.3 lm Eff. : 109.44 lm/W Fe = 2.623 W

Electrical parameters:

V = 230.31 V I = 0.06181 A P = 7.879 W PF = 0.5535

LEVEL:OUT WHITE:ANSI_3000K

Status: Integral T = 1330 ms Ip = 49681 (76%)

GBT5702

Model:c37 1
Tester:
Temperature:25.3Deg
Manufacturer:

Number:c37 1
Date:2022-01-19
Humidity:65.0%
Remarks: