

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: 99LED977WW

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E14		
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:	Yes

Product parameters

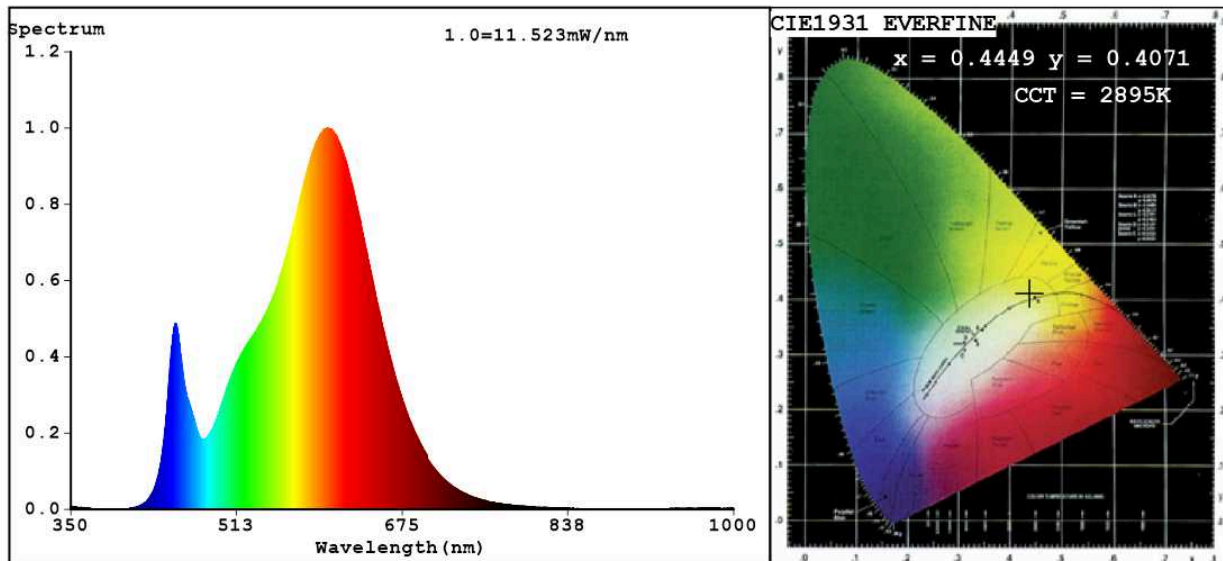
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	6	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	550 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	5,3	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	80
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)	Yes	If yes, equivalent power (W)	55	
		Chromaticity coordinates (x and y)	0,444 0,407	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,80	Colour consistency in McAdam ellipses	0	
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)	50	
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: $x=0.4449$ $y=0.4071$ $u'=0.2544$ $v'=0.5237$
 CCT=2895K (Duv=0.0002) Dominant WL: $L_d = 583.2nm$ WL: $L_c = --nm$ Purity=55.7%
 Ratio: R=23.3% G=74.2% B=2.5% Peak WL: $L_p = 601.5nm$ FWHM=115.9nm
 Render Index: $R_a = 80.3$

R1 =79	R2 =91	R3 =95	R4 =77	R5 =79	R6 =89	R7 =80
R8 =54	R9 =0	R10=79	R11=76	R12=70	R13=81	R14=98 R15=70

Photo Parameters:

Flux = 544.2 lm Eff. : 102.59 lm/W Fe = 1.633 W

Electrical parameters:

V = 221.45 V I = 0.02699 A P = 5.305 W PF = 0.8877

WHITE: ANSI_3000K

Status: Integral T = 56 ms Ip = 32932 (50%)

Model: LED SMD
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99LED977WW
 Date: 2020-06-30 14:02:47
 Humidity: 65.0%
 Remarks: 6876