

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: 99LED918WW

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
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

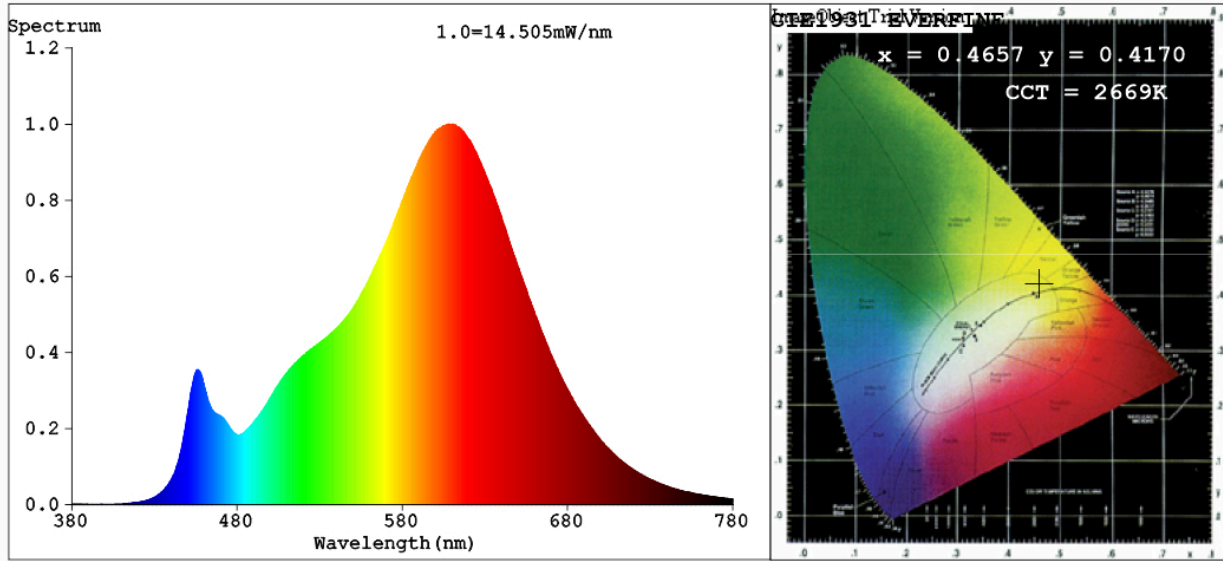
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	660 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	2 900
On-mode power (P_{on}), expressed in W	6,5	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 separate control gear, lighting control	Height	69	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	21	
	Depth	21	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	55
		Chromaticity coordinates (x and y)	0,465 0,417
Parameters for LED and OLED light sources:			
R9 colour rendering index value	12	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,60	Colour consistency in McAdam ellipses	4
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)	0,2	Stroboscopic effect metric (SVM)	0,2

(a) : not applicable;

(b) : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4657$ $y=0.4170$ / $u'=0.2634$ $v'=0.5306$
 CCT=2669K (Duv=0.0019) Dominant WL:Ld =583.8nm Purity=65.0%
 Ratio:R=25.6% G=72.0% B=2.4% Peak WL:Lp=607.5nm FWHM=112.9nm
 Render Index:Ra=83.7 CRI=79.2 AvgR=78.9
 R1 =83 R2 =94 R3 =94 R4 =81 R5 =83 R6 =94 R7 =82
 R8 =59 R9 =12 R10=86 R11=82 R12=77 R13=86 R14=97 R15=74

Photo Parameters:

Flux = 651.2 lm Eff. : 102.00 lm/W Fe = 2.015 W Scotopic:799.48 S/P:1.2278
 Photosynthetic:PPF:9.515umol/s PAR WATT:1943.1mW(400-700nm)

Electrical parameters:

V = 229.49 V I = 0.03061 A P = 6.384 W PF = 0.9089
 LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 10 ms Ip = 58803 (90%)

Model:G9-7W-2700K
 Tester:
 Temperature:25.3Deg
 Manufacturer:

Number:99LED918WW
 Date:2022-03-17 16:30:53
 Humidity:65.0%
 Remarks:0min