

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: 99LED913HE

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:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

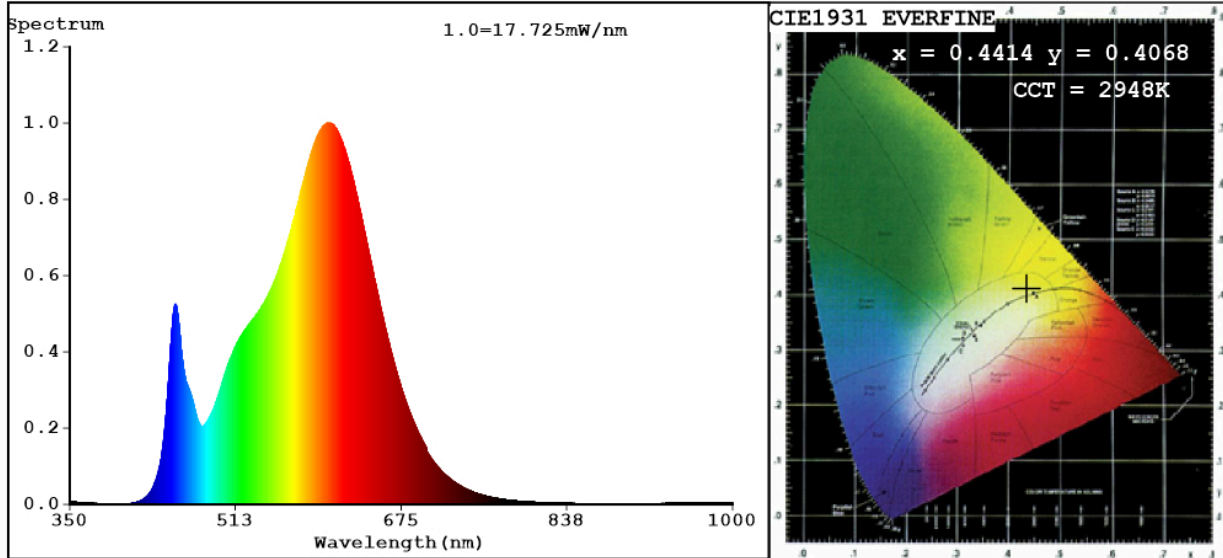
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	800 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	2 700
On-mode power (P_{on}), expressed in W	7,1	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	80	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	45	
	Depth	45	
			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)	100
		Chromaticity coordinates (x and y)	0,441 0,406
Parameters for LED and OLED light sources:			
R9 colour rendering index value	5	Survival factor	0,50
the lumen maintenance factor	0,95		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	4
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: $x=0.4414$ $y=0.4068$ / $u'=0.2523$ $v'=0.5231$
 CCT=2948K(Duv=0.0005) Dominant WL:Ld =582.9nm WL:Lc = --nm Purity=54.6%
 Ratio:R=23.4% G=73.9% B=2.7%; Peak WL:Lp=603.1nm FWHM=122.6nm
 Render Index:Ra=83.0

R1 =82 R2 =93 R3 =95 R4 =81 R5 =82 R6 =92 R7 =82
 R8 =58 R9 =8 R10=84 R11=81 R12=73 R13=85 R14=98 R15=74

Photo Parameters:

Flux = 849.9 lm Eff. : 118.45 lm/W Fe = 2.587 W

Electrical parameters:

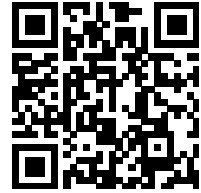
V = 229.64 V I = 0.05518 A P = 7.176 W PF = 0.5663
 WHITE:ANSI_3000K

Status: Integral T = 41 ms Ip = 35615 (54%)

Model:LED GLOBE P45
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED913HE
 Date:2022-09-07 16:13:35
 Humidity:65.0%
 Remarks:8756

Model placed on the Union market from 29/08/2022



EPREL registration number: 1212150

<https://eprel.ec.europa.eu/qr/1212150>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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