

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: 99LED912HE

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

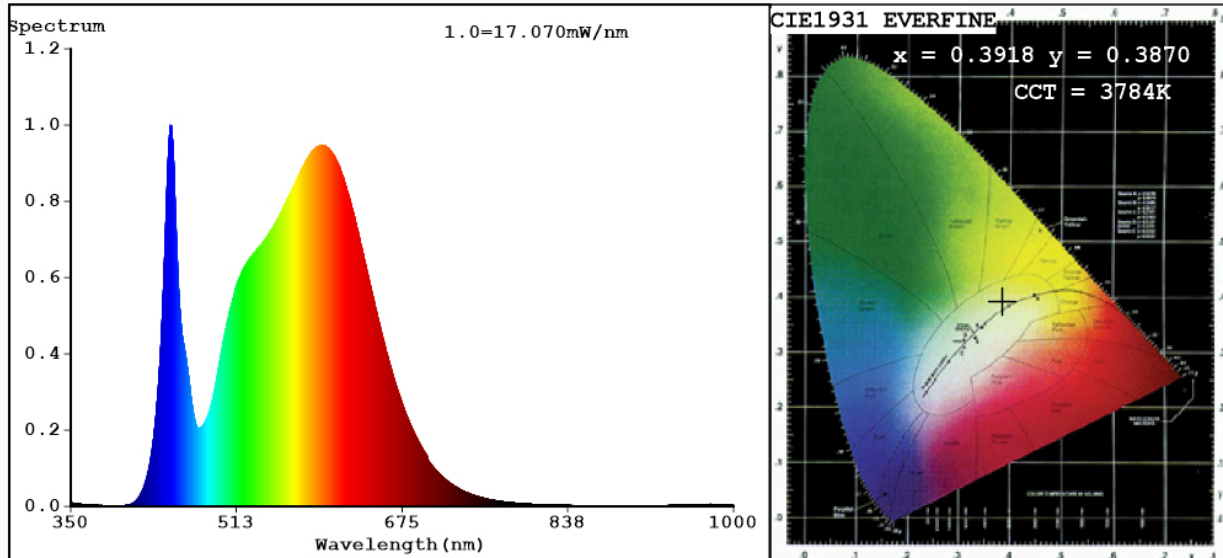
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	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	4 000
On-mode power (P_{on}), expressed in W	7,2	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)	60	
		Chromaticity coordinates (x and y)	0,391 0,387	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	9	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)	0,2	Stroboscopic effect metric (SVM)	0,2	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3918$ $y=0.3870$ $u'=0.2284$ $v'=0.5077$
 CCT=3784K (Duv=0.0016) Dominant WL: $L_d = 579.1nm$ WL: $L_c = --nm$ Purity=33.7%
 Ratio: R=19.0% G=77.9% B=3.1% Peak WL: $L_p = 447.9nm$ FWHM=18.0nm
 Render Index: $R_a = 82.8$

R1 =81	R2 =88	R3 =94	R4 =83	R5 =81	R6 =84	R7 =86
R8 =65	R9 =9	R10=72	R11=83	R12=63	R13=82	R14=97
						R15=75

Photo Parameters:

Flux = 919.1 lm Eff. : 126.23 lm/W $F_e = 2.775 W$

Electrical parameters:

V = 229.62 V I = 0.05583 A P = 7.281 W PF = 0.5680

WHITE:ANSI_4000K

Status: Integral T = 41 ms $I_p = 32435 (49\%)$

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

Number:99LED912HE
 Date:2022-09-07 16:16:03
 Humidity:65.0%
 Remarks:8756

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



EPREL registration number: 1212134

<https://eprel.ec.europa.eu/qr/1212134>

Supplier: ELMARK INDUSTRIES SC (Importer)

Website: www.elmarkholding.eu

Customer care service:

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