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: 99LED912

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:	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	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	870 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	8,1	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	81
Outer dimensions without — Height	80	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	45		
Outer dimensions without — Depth	45		

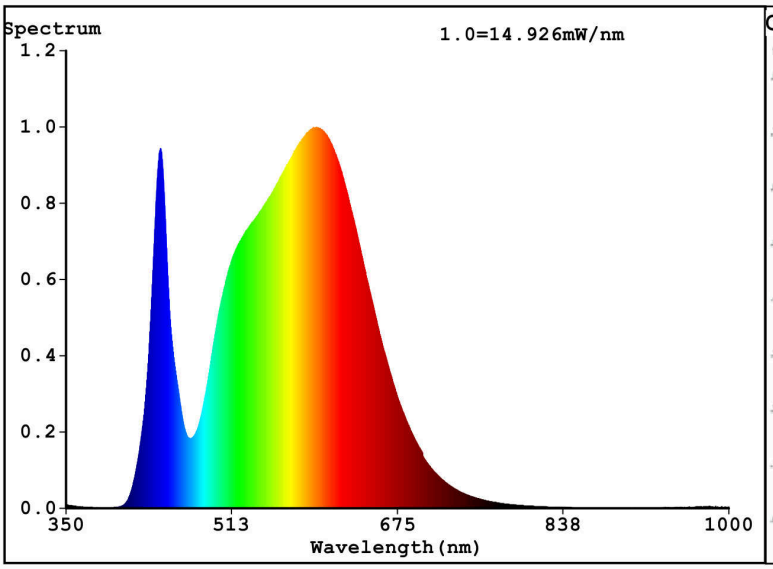
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	58
			Chromaticity coordinates (x and y)	0,391 0,393
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	Survival factor	0,90
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		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)		0,6	Stroboscopic effect metric (SVM)	0,4

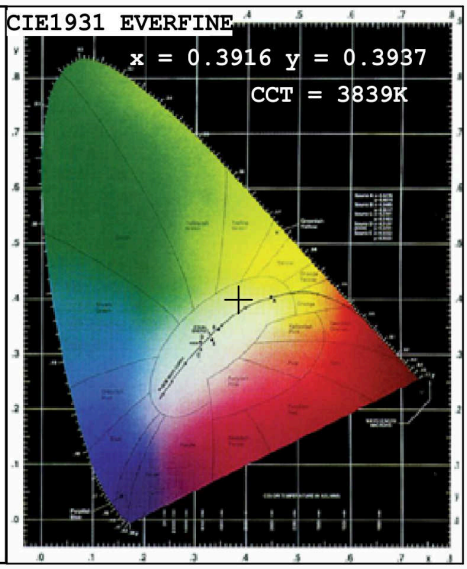
[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3916 y=0.3937/u'=0.2257 v'=0.5105

CCT=3839K(Duv=0.0046) Dominant WL:Ld =577.6nm WL:Lc = --nm Purity=35.7%

Ratio:R=18.5% G=78.6% B=2.9%¡¡Peak WL:Lp=595.8nm FWHM=155.1nm

Render Index:Ra=81.7

R1 =80	R2 =85	R3 =92	R4 =83	R5 =80	R6 =82	R7 =86	
R8 =65	R9 =6	R10=67	R11=84	R12=67	R13=80	R14=95	R15=72

Photo Parameters:

Flux = 872.2 lm Eff. : 106.44 lm/W Fe = 2.628 W

Electrical parameters:

V = 220.03 V I = 0.06774 A P = 8.195 W PF = 0.5498

WHITE:ANSI_4000K

Status: Integral T = 68 ms Ip = 49347 (75%)

Model:LED GLOBE P45	Number:99LED912
Tester:Atanas DAKOV	Date:2021-01-25 15:31:34
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7084