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: 99LED933CW

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:	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	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)	750 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	6 000
On-mode power (P_{on}), expressed in W	6,4	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 — Height	65	Spectral power distribution in the	See image in last page
Width	19		
Depth	19		

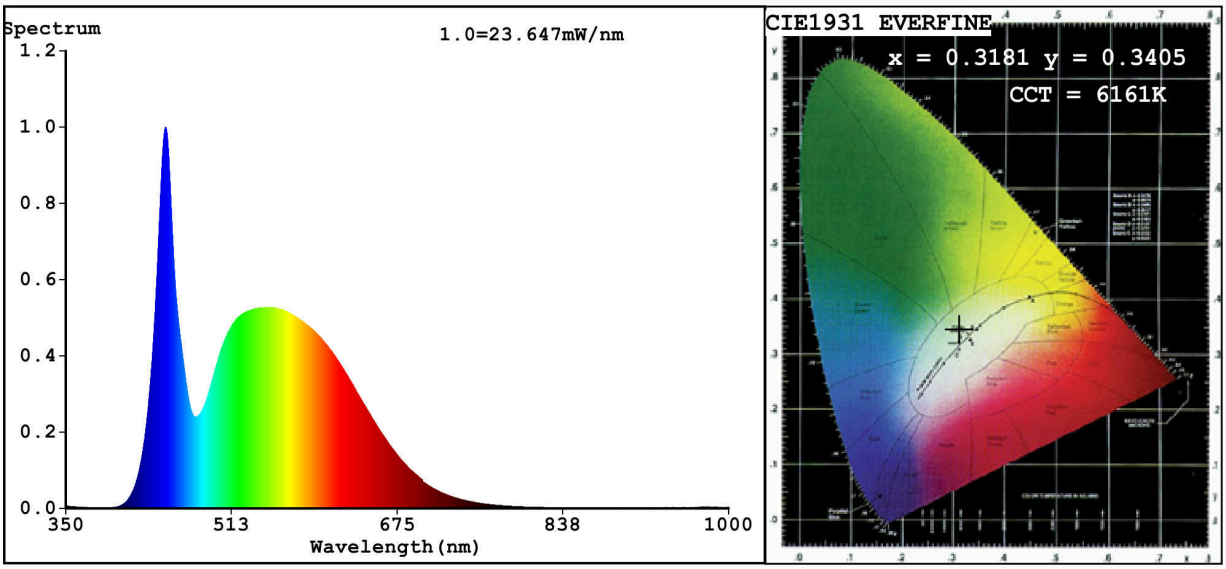
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	63
			Chromaticity coordinates (x and y)	0,318 0,340
Parameters for LED and OLED light sources:				
R9 colour rendering index value		15	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	5
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)	60
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

EVERFINE HAAS-1200 Test Report

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3181 y=0.3405/u'=0.1973 v'=0.4751

CCT=6161K(Duv=0.0064) Dominant WL:Ld =497.8nm WL:Lc = --nm Purity=4.8%

Ratio:R=13.7% G=81.2% B=5.1%¡¡Peak WL:Lp=448.2nm FWHM=22.8nm

Render Index:Ra=83.2

R1 =81	R2 =85	R3 =89	R4 =84	R5 =83	R6 =81	R7 =89	
R8 =73	R9 =15	R10=66	R11=84	R12=63	R13=82	R14=94	R15=77

Photo Parameters:

Flux = 809.6 lm Eff. : 126.28 lm/W Fe = 2.651 W

Electrical parameters:

V = 219.91 V I = 0.05222 A P = 6.411 W PF = 0.5582

WHITE:ANSI_6500K

Status: Integral T = 49 ms Ip = 48083 (73%)

Model:LED LAMPS AND COMPONENTS	Number:99LED933CW
Tester:Atanas DAKOV	Date:2020-06-08 16:04:09
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:6665