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: 99LED916

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

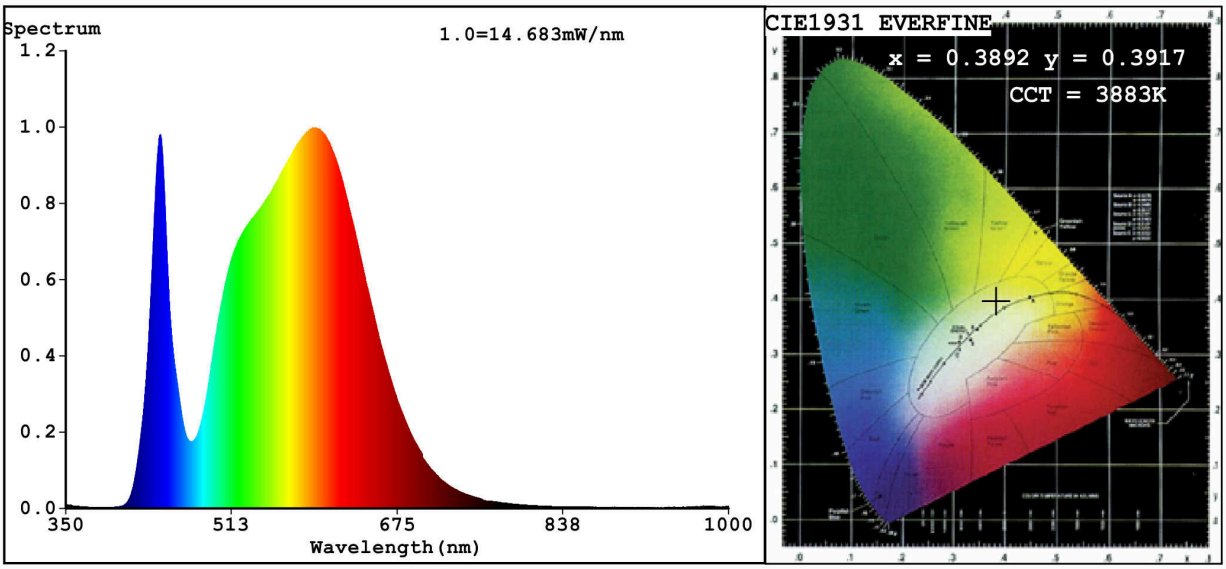
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	850 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	8,2	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	80
Outer dimensions without — Height	110	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	37		
Outer dimensions without — Depth	37		

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)	60
			Chromaticity coordinates (x and y)	0,389 0,391
Parameters for LED and OLED light sources:				
R9 colour rendering index value		3	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)	14
Flicker metric (Pst LM)		0,6	Stroboscopic effect metric (SVM)	0,2

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate:x=0.3892 y=0.3917/u'=0.2249 v'=0.5093

CCT=3883K(Duv=0.0044) Dominant WL:Ld =577.5nm WL:Lc = --nm Purity=34.4%

Ratio:R=18.2% G=78.9% B=2.9%¡¡Peak WL:Lp=592.5nm FWHM=153.0nm

Render Index:Ra=80.8

R1 =79	R2 =84	R3 =91	R4 =83	R5 =79	R6 =80	R7 =86	
R8 =64	R9 =3	R10=65	R11=83	R12=64	R13=79	R14=95	R15=72

Photo Parameters:

Flux = 859.5 lm Eff. : 104.00 lm/W Fe = 2.590 W

Electrical parameters:

V = 219.92 V I = 0.06818 A P = 8.264 W PF = 0.5511

WHITE:ANSI_4000K

~~Status: Integral T = 64 ms Ip = 45782 (70%)~~

Model:LED FLAME	Number:99LED916
Tester:Atanas DAKOV	Date:2021-01-29 14:12:43
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:7191