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: 99LED102S

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
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:	Yes

Product parameters

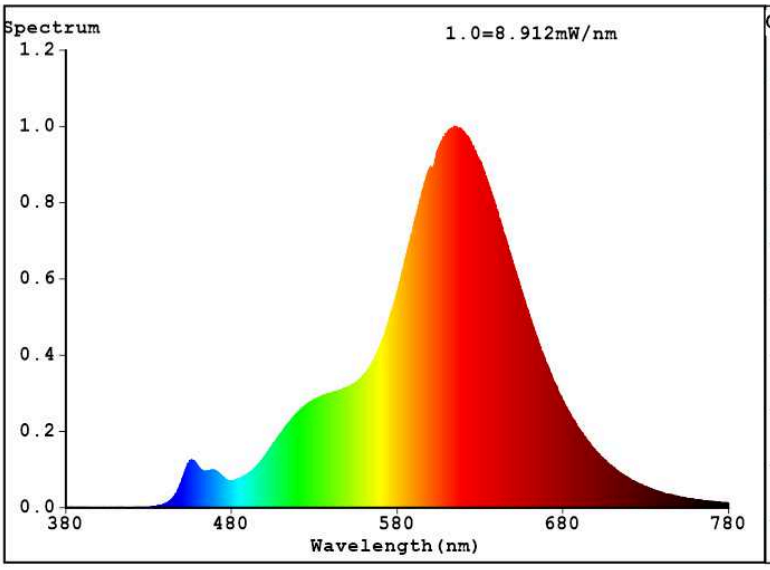
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	G
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	300 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	2 000
On-mode power (P_{on}), expressed in W	7,5	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	84
Outer dimensions without — Height	240	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	200		
Outer dimensions without — Depth	200		

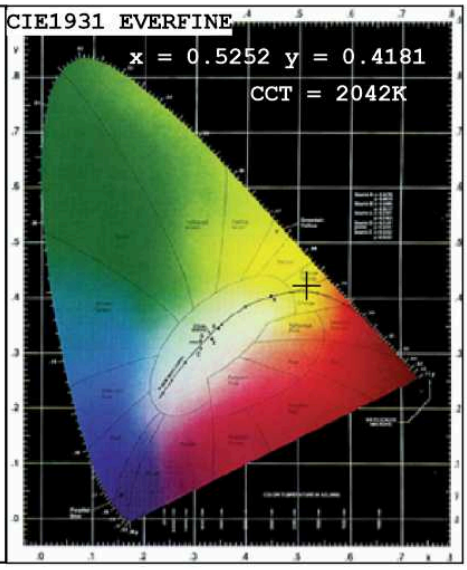
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	35
			Chromaticity coordinates (x and y)	0,525 0,418
Parameters for LED and OLED light sources:				
R9 colour rendering index value		9	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,80	Colour consistency in McAdam ellipses	0
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)	30
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=0.5252 y=0.4181/u'=0.3016 v'=0.5401

CCT=2042K(Duv=0.0013) Dominant WL:Ld =588.1nm Purity=83.1%

Ratio:R=33.8% G=65.0% B=1.3%¡¡Peak WL:Lp=614.7nm FWHM=84.7nm

Render Index:Ra=84.2

R1 =85	R2 =96	R3 =91	R4 =86	R5 =87	R6 =95	R7 =78	
R8 =54	R9 =9	R10=92	R11=92	R12=90	R13=89	R14=97	R15=73

Photo Parameters:

Flux = 301.2 lm Eff. : 39.97 lm/W Fe = 987.1 mW

Electrical parameters:

V = 229.97 V I = 0.03735 A P = 7.536 W PF = 0.8775

WHITE:OUT

Status: Integral T = 67 ms Ip = 36792 (56%)

Model:VINTAGE LAMP/8W	Number:99LED102S
Tester:Petya Marinova	Date:2019-03-21 13:00
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:SH18BG-JC_ELM03_5480