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: 99LED862G

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

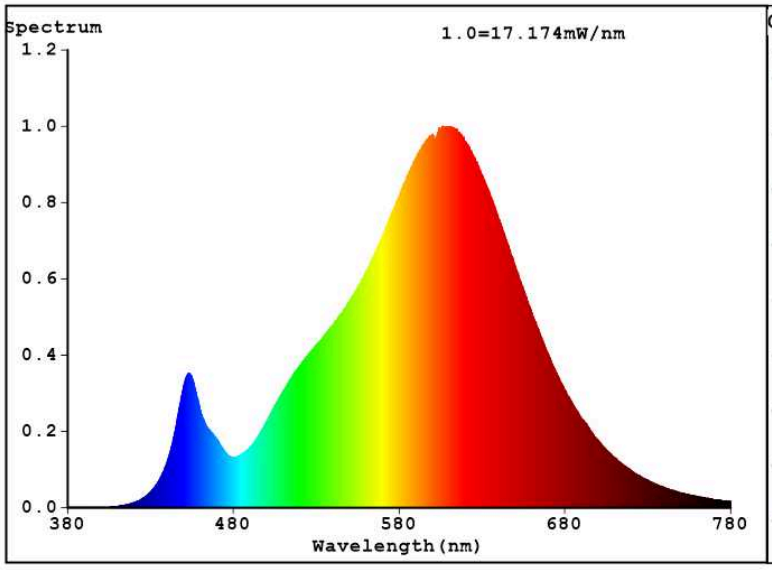
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	8	Energy efficiency class	F
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	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	2 700
On-mode power (P_{on}), expressed in W	8,0	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	305	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	200		
Outer dimensions without — Depth	200		

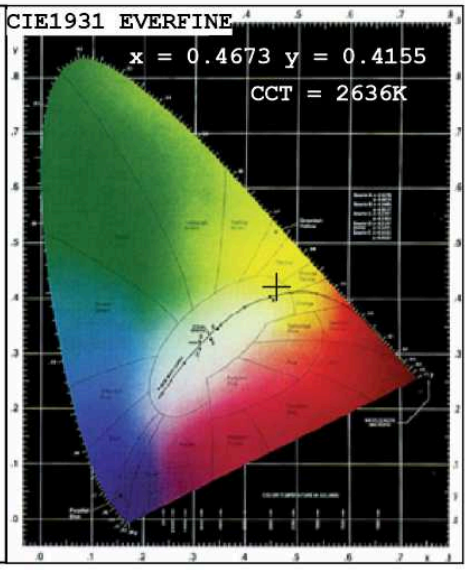
separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		Yes	If yes, equivalent power (W)	60
			Chromaticity coordinates (x and y)	0,467 0,415
Parameters for LED and OLED light sources:				
R9 colour rendering index value		6	Survival factor	0,50
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	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)	55
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=0.4673 y=0.4155/u'=0.2651 v'=0.5303

CCT=2636K(Duv=0.0012) Dominant WL:Ld =584.1nm Purity=65.0%

Ratio:R=25.4% G=72.7% B=1.9%¡¡Peak WL:Lp=606.2nm FWHM=117.7nm

Render Index:Ra=81.3

R1 =79	R2 =90	R3 =97	R4 =78	R5 =79	R6 =88	R7 =82	
R8 =57	R9 =6	R10=77	R11=77	R12=69	R13=82	R14=99	R15=72

Photo Parameters:

Flux = 776.1 lm Eff. : 95.74 lm/W Fe = 2.391 W

Electrical parameters:

V = 230.01 V I = 0.03688 A P = 8.106 W PF = 0.9555

WHITE:ANSI_2700K

Status: Integral T = 45 ms Ip = 48682 (74%)

Model:VINTAGE LAMP/8W	Number:99LED862G
Tester:Petya Marinova	Date:2019-03-19 15:48
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:O18V047B_4838