# 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:** 99LED861G

**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**

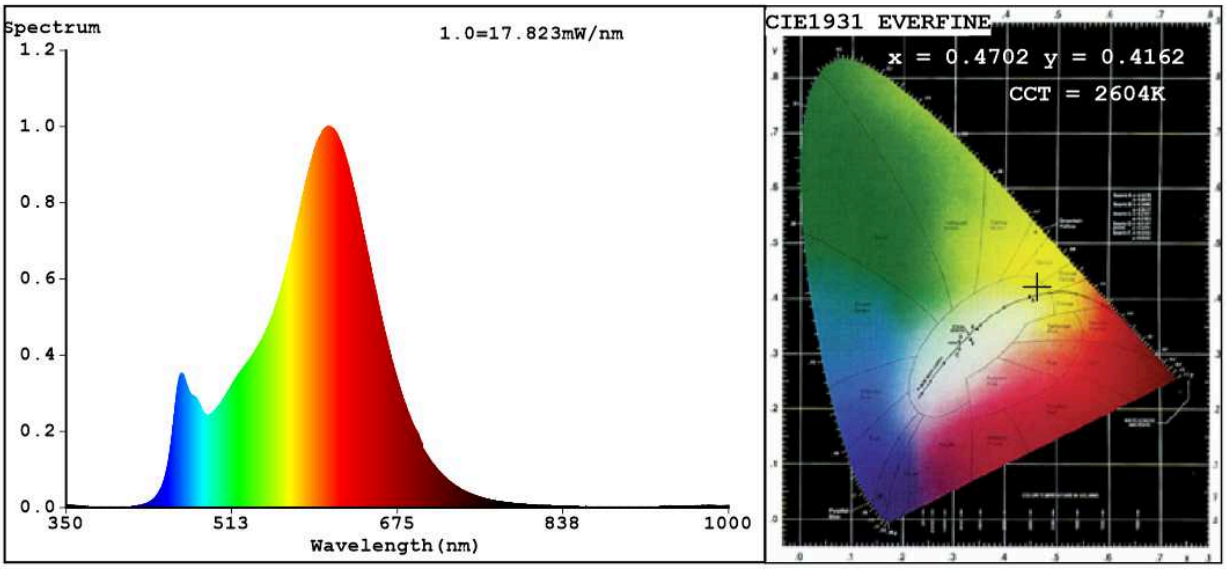
| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 8 | Energy efficiency class | F |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), 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 | 7,9 | 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 | 82 |
| Outer dimensions without — Height | 255 | Spectral power distribution in the | See image in last page |
| Outer dimensions without — Width | 150 | | |
| Outer dimensions without — Depth | 150 | | |

| | | | | |
|---|---|---|---|---|
| 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) | 0,470<br>0,416 |
| **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) | | 0,90 | 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=0.4702 y=0.4162/u'=0.2666 v'=0.5310

CCT=2604K(Duv=0.0013) Dominant WL:Ld =584.3nm Purity=66.1%

Ratio:R=26.2% G=71.1% B=2.8%¡¡Peak WL:Lp=607.8nm FWHM=107.4nm

Render Index:Ra=82.5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =83 | R2 =96 | R3 =89 | R4 =78 | R5 =83 | R6 =97 | R7 =78 | |
| R8 =55 | R9 =9 | R10=91 | R11=78 | R12=80 | R13=86 | R14=95 | R15=74 |

## Photo Parameters:

Flux = 777.5 lm Eff. : 98.24 lm/W Fe = 2.432 W

## Electrical parameters:

V = 229.89 V I = 0.03617 A P = 7.914 W PF = 0.9518

WHITE:ANSI_2700K

Status: Integral T = 45 ms Ip = 50485 (77%)

| | |
|---|---|
| Model:VINTAGE LAMPS/8W | Number:99LED861G |
| Tester:Petya Marinova | Date:2019-02-07 14:03 |
| Temperature:25.3Deg | Humidity:65.0% |
| Manufacturer:ELMARK | Remarks:Î18À016_4838 |