# 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:** 968LEDP300

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | Integrated LED | | |
| 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**

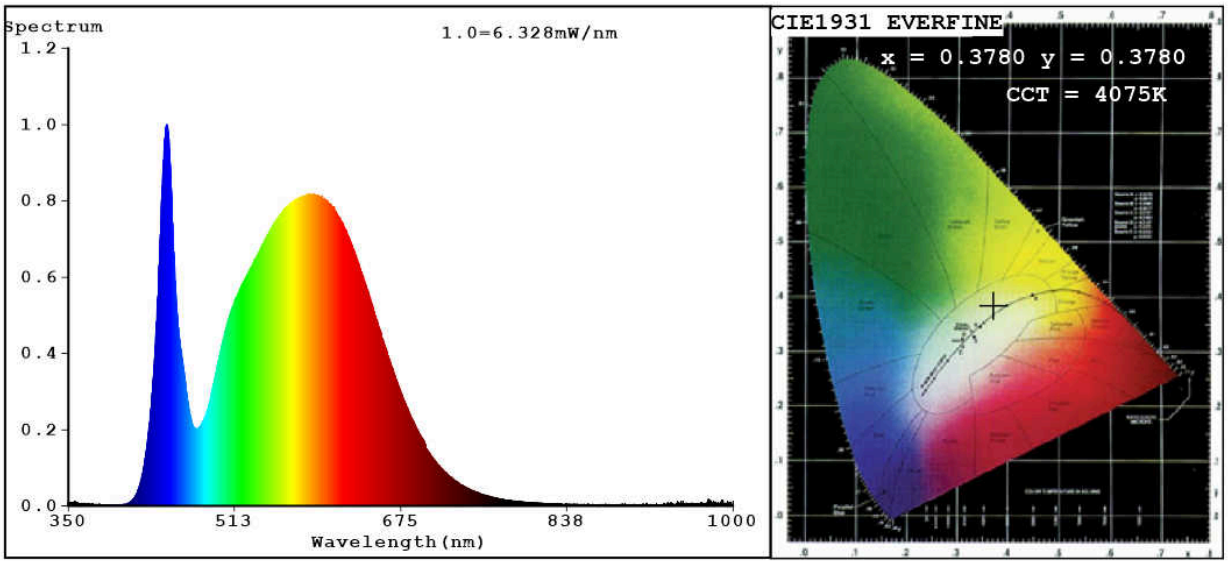
| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 6 | Energy efficiency class | G |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 350 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 | 6,8 | 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 | 300 | Spectral power distribution in the | See image in last page |
| Outer dimensions without — Width | 186 | | |
| Outer dimensions without — Depth | 183 | | |

| | | | | |
|---|---|---|---|---|
| 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] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,378<br>0,378 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 19 | Survival factor | 0,50 |
| the lumen maintenance factor | | 0,95 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,80 | Colour consistency in McAdam ellipses | 4 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | | -[b] | If yes then replacement claim (W) | - |
| Flicker metric (Pst LM) | | 0,5 | Stroboscopic effect metric (SVM) | 0,2 |

[a] '-' : not applicable;

[b] '-' : not applicable;

# Spectrum Test Report




## Color Parameters:

Chromaticity Coordinate:x=0.3780 y=0.3780/u'=0.2230 v'=0.5018

CCT=4075K(Duv=0.0013) Dominant WL:Ld =578.0nm Purity=26.9%

Ratio:R=17.9% G=78.8% B=3.3%¡¡Peak WL:Lp=446.2nm FWHM=19.9nm

Render Index:Ra=82.4

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =81 | R2 =86 | R3 =90 | R4 =83 | R5 =81 | R6 =81 | R7 =88 | |
| R8 =70 | R9 =19 | R10=67 | R11=81 | R12=62 | R13=81 | R14=94 | R15=77 |

## Photo Parameters:

Flux = 316.2 lm Eff. : 46.18 lm/W Fe = 993.0 mW

## Electrical parameters:

V = 220.11 V I = 0.03494 A P = 6.846 W PF = 0.8902

WHITE:ANSI_4000K

Status: Integral T = 80 ms Ip = 34996 (53%)

| | |
|---|---|
| Model:GRF968-30 LED_6W | Number:968LEDP300 |
| Tester:Petya Marinova | Date:2015-04-20 11:50 |
| Temperature:25.3Deg | Humidity:65.0% |
| Manufacturer:EVERFINE | Remarks:PO001902 |