# 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:** 913LED11

**Type of light source:**

| | | | |
|---|---|---|---|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | Integrated LED | | |
| Mains or non-mains: | NMLS | Connected light source (CLS): | No |
| Colour-tuneable light source: | No | Envelope: | - |
| High luminance light source: | No | | |
| Anti-glare shield: | Yes | Dimmable: | No |

**Product parameters**

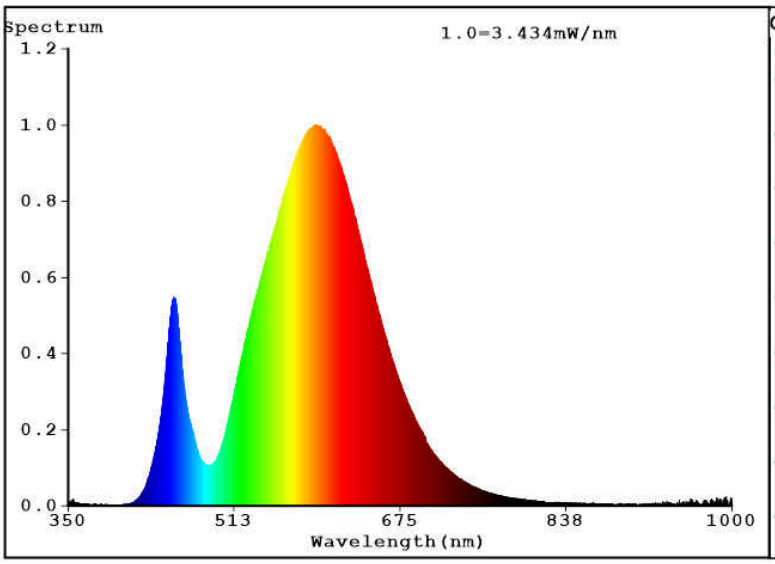
| Parameter | Value | Parameter | Value |
|---|---|---|---|
| **General product parameters:** | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 2 | Energy efficiency class | F |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 180 in Wide cone (120°) | 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 | 3 000 |
| On-mode power ($P_{on}$), expressed in W | 2,0 | Standby power ($P_{sb}$), expressed in W and rounded to the second decimal | 0,30 |
| 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 | 71 |
| Outer dimensions without — Height | 60 | Spectral power distribution in the | See image in last page |
| Outer dimensions without — Width | 60 | | |
| Outer dimensions without — Depth | 7 | | |

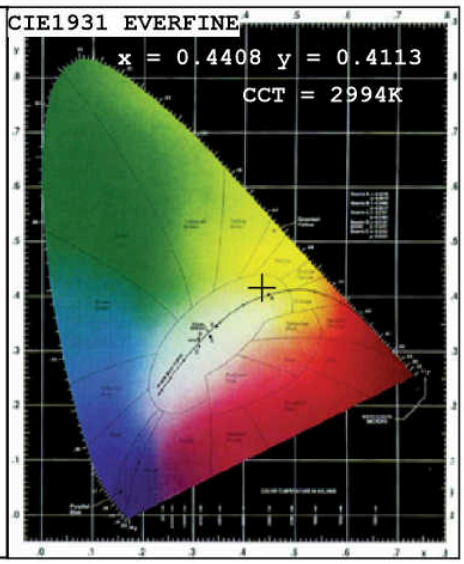
| | | | | |
|---|---|---|---|---|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | | | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power[(a)] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,440<br>0,411 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 592 | Beam angle in degrees, or the range of beam angles that can be set | 120 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 0 | Survival factor | 0,54 |
| the lumen maintenance factor | | 0,95 | | |

(a) '-' : not applicable;

(b) '-' : not applicable;

# Spectrum Test Report




## Color Parameters:

Chromaticity Coordinate:x=0.4408 y=0.4113/u'=0.2499 v'=0.5248

CCT=2994K(Duv=0.0023) Dominant WL:Ld =582.1nm Purity=55.8%

Ratio:R=21.1% G=77.1% B=1.7%¡¡Peak WL:Lp=592.4nm FWHM=125.6nm

Render Index:Ra=71.7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R1 =68 | R2 =81 | R3 =91 | R4 =66 | R5 =66 | R6 =72 | R7 =81 | |
| R8 =49 | R9 =0 | R10=55 | R11=58 | R12=41 | R13=70 | R14=95 | R15=63 |

## Photo Parameters:

Flux = 172.5 lm Eff. : 82.12 lm/W Fe = 508.3 mW

## Electrical parameters:

V = 12.080 V I = 0.1739 A P = 2.101 W PF = 1.000

WHITE:ANSI_3000K

Status: Integral T = 171 ms Ip = 47222 (72%)

| | |
|---|---|
| Model:CAB-13_1.8W | Number:913LED11 |
| Tester:Petya Marinova | Date:2015-04-15 12:50 |
| Temperature:25.3Deg | Humidity:65.0% |
| Manufacturer:ELMARK | Remarks:PO001901 |