

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: 955AILIS18

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

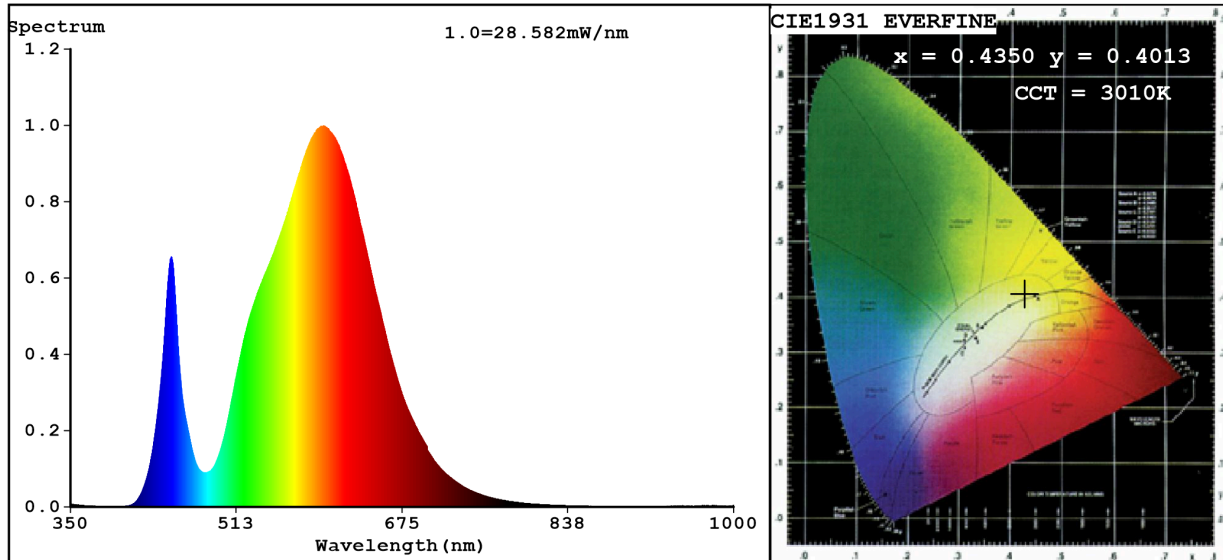
| Parameter | Value | Parameter | Value |
|--|---------------------------|--|------------------------|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 18 | Energy efficiency class | G |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 1 500 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 | 18,5 | 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 | 75 |
| Outer dimensions without separate control gear, lighting control | Height | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width | | |
| | Depth | | |

| | | | | |
|---|------|---------------------------------------|----------------|--|
| parts and non-lighting control parts, if any (millimetre) | | | | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - | |
| | | Chromaticity coordinates (x and y) | 0,435 0,401 | |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 0 | Survival factor | 1,00 | |
| the lumen maintenance factor | 0,95 | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ_1) | 0,50 | Colour consistency in McAdam ellipses | 6 | |
| 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) | 0,0 | Stroboscopic effect metric (SVM) | 0,0 | |

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4350$ $y=0.4013$ $u'=0.2505$ $v'=0.5200$
 CCT=3010K (Duv=-0.0008) Dominant WL:Ld =583.1nm WL:Lc = --nm Purity=51.0%
 Ratio:R=21.8% G=76.5% B=1.6% Peak WL:Lp=598.5nm FWHM=129.2nm
 Render Index:Ra=75.0

| | | | | | | |
|--------|--------|--------|--------|--------|--------|---------------|
| R1 =73 | R2 =83 | R3 =91 | R4 =73 | R5 =71 | R6 =76 | R7 =81 |
| R8 =53 | R9 =0 | R10=59 | R11=68 | R12=50 | R13=74 | R14=94 R15=67 |

Photo Parameters:

Flux = 1428 lm Eff. : 77.01 lm/W Fe = 4.245 W

Electrical parameters:

V = 229.42 V I = 0.1583 A P = 18.54 W PF = 0.5106

WHITE:ANSI_3000K

Status: Integral T = 36 ms Ip = 48579 (74%)

Model:LED PENDANT
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:955AILIS18
 Date:2022-09-01 13:05:38
 Humidity:65.0%
 Remarks:8839