

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: 955PICASSO8/AB

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: | 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

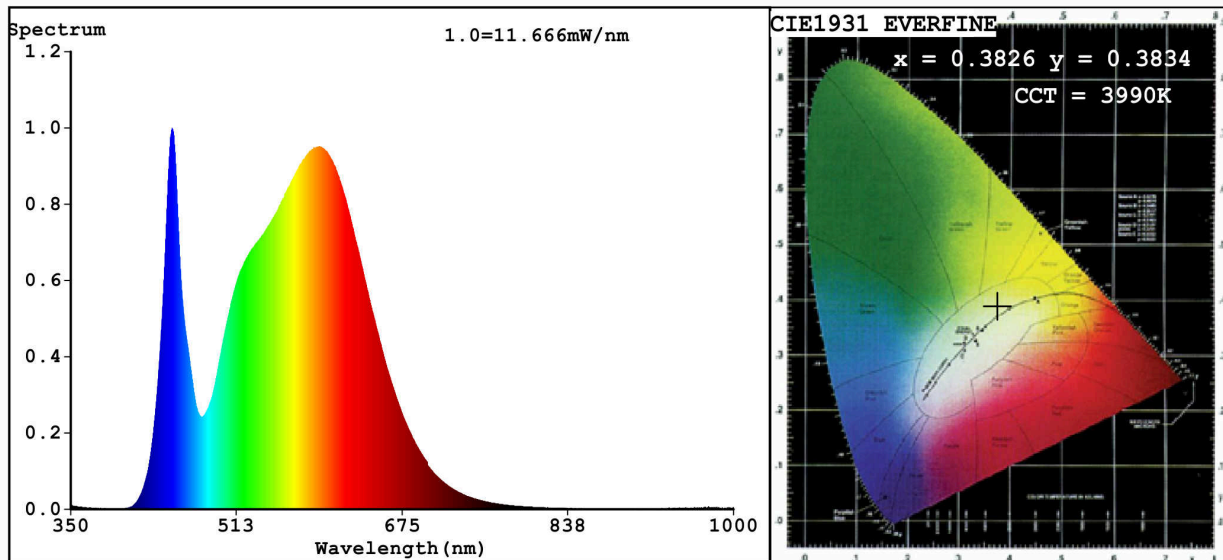
| Parameter | Value | Parameter | Value |
|--|--------------------------|--|------------------------|
| General product parameters: | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 8 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 640 in Narrow cone (90°) | 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 | 10,5 | 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 | 81 |
| Outer dimensions without | Height | Spectral power distribution in the | See image in last page |
| | Width | | |
| | Depth | | |

| | | | | |
|---|------|--|--------------------------------------|--|
| 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) | 0,382 0,383 | |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | 449 | Beam angle in degrees, or the range of beam angles that can be set | 30 | |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 2 | Survival factor | 0,50 | |
| the lumen maintenance factor | 0,93 | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ_1) | 0,20 | Colour consistency in McAdam ellipses | 2 | |
| 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: $x=0.3826$ $y=0.3834$ $u'=0.2239$ $v'=0.5048$
 CCT=3990K (Duv=0.0024) Dominant WL:Ld =577.9nm WL:Lc = --nm Purity=29.9%
 Ratio:R=18.0% G=78.7% B=3.3%; Peak WL:Lp=449.6nm FWHM=21.8nm
 Render Index:Ra=81.5 AvgR=74.3 TM30:Rf=84 Rg=95 Lav=569.7nm

| | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|
| R1 =79 | R2 =87 | R3 =94 | R4 =81 | R5 =79 | R6 =82 | R7 =86 |
| R8 =63 | R9 =2 | R10=70 | R11=80 | R12=60 | R13=81 | R14=97 |
| | | | | | | R15=73 |

Photo Parameters:

Flux = 642.2 lm Eff. : 60.94 lm/W Fe = 1.927 W

Electrical parameters:

V = 225.23 V I = 0.1999 A P = 10.54 W PF = 0.2341

WHITE:ANSI_4000K

Status: Integral T = 93 ms Ip = 50906 (78%)

Model:LED PICTURE LIGHT
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:955PICASSO8 AB/SN
 Date:2021-08-18 11:18:57
 Humidity:65.0%
 Remarks:7787