

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: STELLAR

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 99XLED620CWE

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: | No | Dimmable: | No |

Product parameters

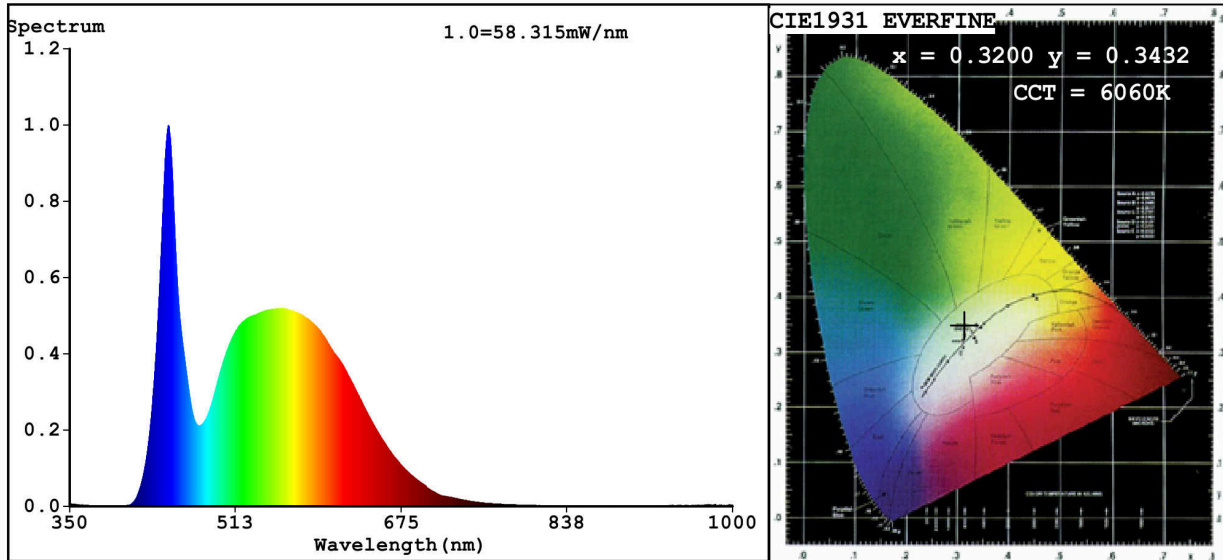
| Parameter | Value | Parameter | Value | |
|--|------------------------|--|------------------------|-----|
| General product parameters: | | | | |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 24 | Energy efficiency class | F | |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 1 949 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 | 6 000 | |
| On-mode power (P_{on}), expressed in W | 18,0 | 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 | 80 | |
| Outer dimensions without | Height | Spectral power distribution in the | See image in last page | |
| | Width | | | 295 |
| | Depth | | | 18 |

| | | | |
|---|------|--|--------------------------------------|
| 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) | 0,320 0,343 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 446 | 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 | 0,00 |
| the lumen maintenance factor | 1,00 | | |

(a): not applicable;

(b): not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3200$ $y=0.3432$ / $u'=0.1976$ $v'=0.4768$
 CCT=6060K (Duv=0.0068) Dominant WL: $L_d = 501.5\text{nm}$ WL: $L_c = \text{--nm}$ Purity=4.1%
 Ratio: R=13.3% G=81.8% B=4.9% ; Peak WL: $L_p = 446.9\text{nm}$ FWHM=21.2nm
 Render Index: $R_a = 80.5$

R1 =78 R2 =83 R3 =88 R4 =82 R5 =80 R6 =79 R7 =87
 R8 =68 R9 =0 R10=62 R11=81 R12=61 R13=79 R14=94 R15=72

Photo Parameters:

Flux = 1949 lm Eff. : 78.72 lm/W $F_e = 6.174$ W

Electrical parameters:

V = 220.00 V I = 0.2199 A P = 24.76 W PF = 0.5117
 WHITE: ANSI_6500K

Status: Integral T = 18 ms $I_p = 45375$ (69%)

Model: LED PANEL ROUND
 Tester: Atanas DAKOV
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number: 99XLED620CW
 Date: 2020-10-06 13:09:39
 Humidity: 65.0%
 Remarks: 7060