

# 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:** 99XLED795

## Type of light source:

|   |     |                                 |      |
|---|-----|---------------------------------|------|
| Lighting technology used:                           | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E27 |                                 |      |
| 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

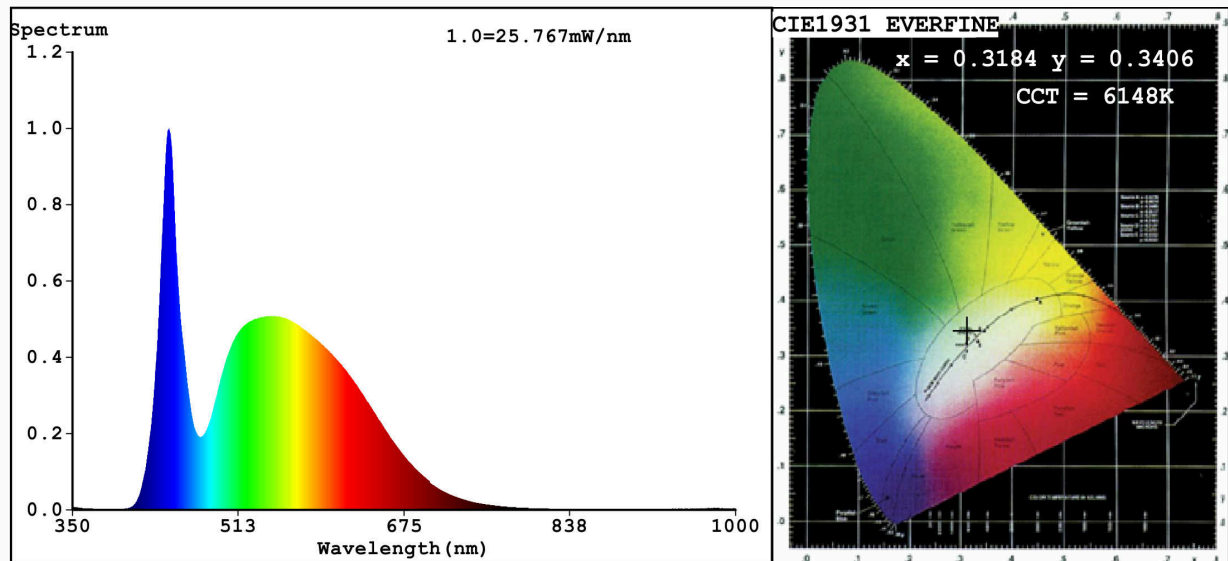
| Parameter  | Value                | Parameter  | Value                  |
|--|----------------------|--|------------------------|
| <b>General product parameters:</b>   |                      |  |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 10                   | Energy efficiency class  | F                      |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 850 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   | 9,0                  | 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   | 82                     |
| 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 <sup>(a)</sup>  | Yes                | If yes, equivalent power (W)          | 70             |  |
|   |                    | Chromaticity coordinates (x and y)    | 0,318<br>0,340 |  |
| <b>Parameters for LED and OLED light sources:</b>   |                    |                                       |                |  |
| R9 colour rendering index value   | 18                 | Survival factor                       | 0,90           |  |
| the lumen maintenance factor  | 0,93               |                                       |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>   |                    |                                       |                |  |
| displacement factor (cos $\phi_1$ )   | 0,50               | Colour consistency in McAdam ellipses | 5              |  |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | Yes <sup>(b)</sup> | If yes then replacement claim (W)     | 16             |  |
| Flicker metric (Pst LM)   | 0,6                | Stroboscopic effect metric (SVM)      | 0,2            |  |

(a) : not applicable;

(b) : not applicable;

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3184$   $y=0.3406$   $u'=0.1975$   $v'=0.4752$   
 CCT=6148K (Duv=0.0063) Dominant WL:  $\lambda_d = 498.0\text{nm}$  WL:  $\lambda_c = \text{--nm}$  Purity=4.7%  
 Ratio: R=13.6% G=81.5% B=4.8%; Peak WL:  $\lambda_p = 444.5\text{nm}$  FWHM=21.3nm  
 Render Index:  $R_a = 82.0$

|        |        |        |        |        |        |               |
|--------|--------|--------|--------|--------|--------|---------------|
| R1 =81 | R2 =83 | R3 =86 | R4 =83 | R5 =82 | R6 =79 | R7 =87        |
| R8 =74 | R9 =18 | R10=62 | R11=84 | R12=65 | R13=81 | R14=92 R15=76 |

### Photo Parameters:

Flux = 839.7 lm Eff. : 101.95 lm/W  $\Phi_e = 2.760\text{ W}$

### Electrical parameters:

V = 220.02 V I = 0.06837 A P = 8.237 W PF = 0.5476  
 WHITE: ANSI\_6500K

Status: Integral T = 48 ms  $I_p = 53090$  (81%)

Model: LED PEAR A60  
 Tester: Atanas DAKOV  
 Temperature: 25.3Deg  
 Manufacturer: ELMARK

Number: 99XLED795  
 Date: 2020-10-28 08:42:22  
 Humidity: 65.0%  
 Remarks: 6856