

# Product Information Sheet

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

**Supplier's name or trade mark:** VIVALUX

**Supplier's address:** Office, Bansko shose 27A, 8800 Sliven, BG

**Model identifier:** FLAT LED 20W 600mm CCT-switch

## Type of light source:

|                                                     |              |                                 |      |
|-----------------------------------------------------|--------------|---------------------------------|------|
| Lighting technology used:                           | LED          | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | 230V 50/60Hz |                                 |      |
| 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

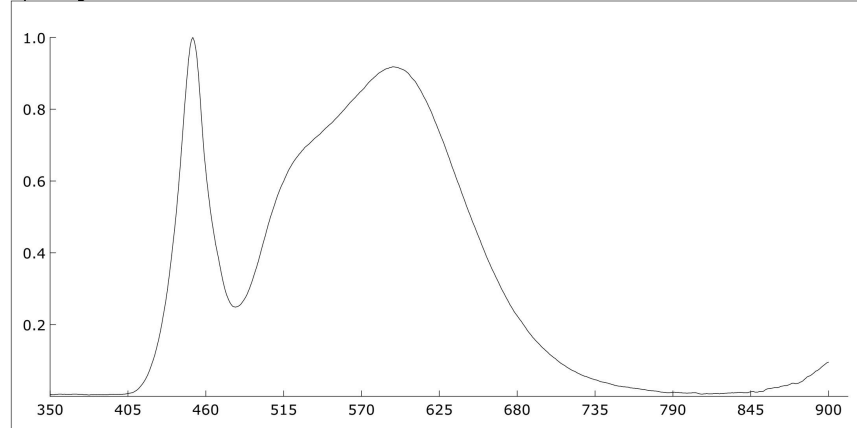
| Parameter                                                                                                                                             |        | Value                  | Parameter                                                                                                                                                  | Value                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| General product parameters:                                                                                                                           |        |                        |                                                                                                                                                            |                         |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         |        | 20                     | Energy efficiency class                                                                                                                                    | E                       |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) |        | 2 200 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 | 3 000 or 4 000 or 6 400 |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     |        | 20,0                   | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | -                       |
| Networked standby power ( $P_{\text{net}}$ ) 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 separate control gear, lighting control                                                                                      | Height | 566                    | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page  |
|                                                                                                                                                       | Width  | 76                     |                                                                                                                                                            |                         |
|                                                                                                                                                       | Depth  | 24                     |                                                                                                                                                            |                         |

|                                                                                                                         |      |                                       |                |  |
|-------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------|--|
| parts and non-lighting control parts, if any (millimetre)                                                               |      |                                       |                |  |
| Claim of equivalent power <sup>(a)</sup>                                                                                | -    | If yes, equivalent power (W)          | -              |  |
|                                                                                                                         |      | Chromaticity coordinates (x and y)    | 0,374<br>0,368 |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |      |                                       |                |  |
| R9 colour rendering index value                                                                                         | 21   | Survival factor                       | 1,00           |  |
| the lumen maintenance factor                                                                                            | 0,94 |                                       |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |      |                                       |                |  |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,90 | 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)                                                                                                 | 1,0  | Stroboscopic effect metric (SVM)      | 0,4            |  |

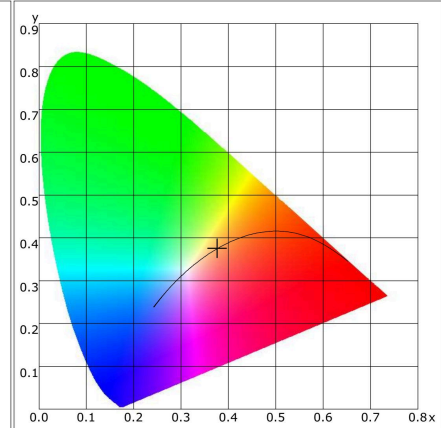
(a) '-': not applicable;

(b) '-': not applicable;

Spectrogram



CIE1931



**EPREL registration number:** 2596996

Model placed on the Union market from 20/07/2026.



<https://eprel.ec.europa.eu/qr/2596996>

**Supplier:** VIVA EOOD

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