

# Product Information Sheet

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

**Supplier's name or trade mark:** V-TAC

**Supplier's address:** V-TAC House, Kelpatrick Road, Slough, Berkshire, SL1 6BW, UK

**Model identifier:** 590

**Type of light source:**

|   |  |                                 |     |
|---|--|---------------------------------|-----|
| Lighting technology used:                           | LED  | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | L/N connect line ( accessory also have fast connector) |                                 |     |
| 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  | 100                       | 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°) | 9 000 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 | 6 400 |
| On-mode power ( $P_{on}$ ), expressed in W   | 100,0                     | 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 separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Height | 530   | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
|  | Width  | 77    |   |                        |
|  | Depth  | 77    |   |                        |
| Claim of equivalent power <sup>(a)</sup>   |        | -     | If yes, equivalent power (W)  | -                      |
|  |        |       | Chromaticity coordinates (x and y)                                      | 0,315<br>0,331         |
| <b>Parameters for directional light sources:</b>   |        |       |   |                        |
| Peak luminous intensity (cd)   |        | 4 010 | Beam angle in degrees, or the range of beam angles that can be set      | 100                    |
| <b>Parameters for LED and OLED light sources:</b>  |        |       |   |                        |
| R9 colour rendering index value  |        | 21    | Survival factor   | 1,00                   |
| the lumen maintenance factor   |        | 0,96  |   |                        |
| <b>Parameters for LED and OLED mains light sources:</b>  |        |       |   |                        |
| displacement factor (cos $\phi_1$ )  |        | 0,97  | Colour consistency in McAdam ellipses                                   | 5                      |
| 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)  | 0,9                    |

(a) - : not applicable;

(b) - : not applicable;

