

# 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 Europe Ltd, bul. Rozhen 41, Sofia, Bulgaria

**Model identifier:** 429

**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                                                                  | 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°) | 800 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                                                                                                     | 10,0                    | 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 con-                                                                                                         | Height                  | Spectral power distribution in the                                                                                                                         | See image in last page |
|                                                                                                                                                | Width                   |                                                                                                                                                            |                        |
|                                                                                                                                                | Depth                   |                                                                                                                                                            |                        |

|                                                                                                                         |       |  |                                                                    |                |
|-------------------------------------------------------------------------------------------------------------------------|-------|--|--------------------------------------------------------------------|----------------|
| trol 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 <sup>(a)</sup>                                                                                | -     |  | If yes, equivalent power (W)                                       | -              |
|                                                                                                                         |       |  | Chromaticity coordinates (x and y)                                 | 0,316<br>0,347 |
| <b>Parameters for directional light sources:</b>                                                                        |       |  |                                                                    |                |
| Peak luminous intensity (cd)                                                                                            | 254   |  | 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                                                                                         | 15    |  | Survival factor                                                    | 1,00           |
| the lumen maintenance factor                                                                                            | 0,96  |  |                                                                    |                |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |       |  |                                                                    |                |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,98  |  | Colour consistency in McAdam ellipses                              | 3              |
| 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)                                                                                                 | 0,1   |  | Stroboscopic effect metric (SVM)                                   | 0,4            |

(a) : not applicable;

(b) : not applicable;

