# 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:** 13959

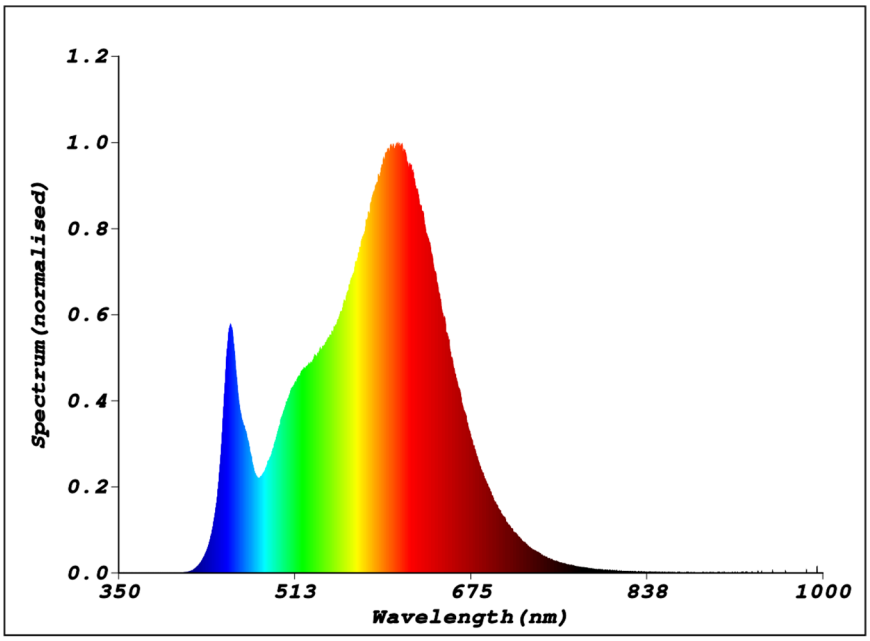
**Type of light source:**

| | | | |
|---|---|---|---|
| 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 connnector) | | |
| 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 | 25 | Energy efficiency class | E |
| Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º) | 2 500 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 | 3 000 |
| On-mode power ($P_{on}$), expressed in W | 25,0 | 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 | 300 | Spectral power distribution in the range 250 nm to 800 nm, at full-load | See image in last page |
| | Width | 50 | | |
| | Depth | 50 | | |
| Claim of equivalent power[a] | | - | If yes, equivalent power (W) | - |
| | | | Chromaticity coordinates (x and y) | 0,434<br>0,400 |
| **Parameters for directional light sources:** | | | | |
| Peak luminous intensity (cd) | | 759 | Beam angle in degrees, or the range of beam angles that can be set | 110 |
| **Parameters for LED and OLED light sources:** | | | | |
| R9 colour rendering index value | | 19 | Survival factor | 1,00 |
| the lumen maintenance factor | | 0,96 | | |
| **Parameters for LED and OLED mains light sources:** | | | | |
| displacement factor (cos ϕ1) | | 0,96 | Colour consistency in McAdam ellipses | 2 |
| 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;


1.2
1.0
0.8
0.6
0.4
0.2
0.0
Spectrum (normalised)
350
513
675
838
1000
Wavelength (nm)