

# Product Information Sheet

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

**Supplier's name or trade mark:** LUMINES Lighting

**Supplier's address:** -

**Model identifier:** LUM-CLAROB-60-4K

## Type of light source:

|   |                |                                 |     |
|---|----------------|---------------------------------|-----|
| Lighting technology used:                           | LED            | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | terminal block |                                 |     |
| 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  | 27                        | Energy efficiency class  | E  |
| 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°) | 2 680 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 | 4 000  |
| On-mode power ( $P_{on}$ ), expressed in W   | 27,0                      | 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   | 83   |
| Outer dimensions without   | Height                    | 613  | Spectral power distribution in the<br>See image in last page |
|  | Width                     | 73   |  |
|  | Depth                     | 43   |  |

|   |      |  |  |                |
|---|------|--|--|----------------|
| separate control 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)                                 | 0,383<br>0,380 |
| <b>Parameters for directional light sources:</b>  |      |  |  |                |
| Peak luminous intensity (cd)  | 413  |  | Beam angle in degrees, or the range of beam angles that can be set | 120            |
| <b>Parameters for LED and OLED light sources:</b>   |      |  |  |                |
| R9 colour rendering index value   | 11   |  | 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)  | 0,92 |  | Colour consistency in McAdam ellipses                              | 4              |
| 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)   | 0,0  |  | Stroboscopic effect metric (SVM)                                   | 0,3            |

(a) : not applicable;

(b) : not applicable;

mW/m<sup>2</sup>/nm

