

| Product Information Sheet                                                                                                                         |        |                      |                                                                                                                                                            |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources                                                   |        |                      |                                                                                                                                                            |                        |
| Supplier's name or trade mark: Long Life Lamp Company                                                                                             |        |                      |                                                                                                                                                            |                        |
| Supplier's address: T2 Arundel Rd Uxbridge UB8 2RP UK                                                                                             |        |                      |                                                                                                                                                            |                        |
| Model identifier: K452                                                                                                                            |        |                      |                                                                                                                                                            |                        |
| Type of light source:                                                                                                                             |        |                      |                                                                                                                                                            |                        |
| Lighting technology used:                                                                                                                         |        | LED                  | Non-directional or directional:                                                                                                                            | Non-directional        |
| Light source cap-type (or other electric interface)                                                                                               |        | Built-in             |                                                                                                                                                            |                        |
| Mains or non-mains:                                                                                                                               |        | Mains                | Connected light source (CLS):                                                                                                                              | Isolated               |
| 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                                                                     |        | 3                    | Energy efficiency class                                                                                                                                    | F                      |
| Useful luminous flux (ϕ <sub>use</sub> ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) |        | 300 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 | 3000                   |
| On-mode power (P <sub>on</sub> ), expressed in W                                                                                                  |        | 3                    | Standby power (P <sub>sb</sub> ), expressed in W and rounded to the second decimal                                                                         | -                      |
| Networked standby power (P <sub>net</sub> ) 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 | 1840                 | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                   | Width  | 120                  |                                                                                                                                                            |                        |
|                                                                                                                                                   | Depth  | 120                  |                                                                                                                                                            |                        |
| Claim of equivalent power <sup>(a)</sup>                                                                                                          |        | Yes                  | If yes, equivalent power (W)                                                                                                                               | 30                     |
|                                                                                                                                                   |        |                      | Chromaticity coordinates (x and y)                                                                                                                         | 0,430<br>0,400         |
| Parameters for LED and OLED light sources:                                                                                                        |        |                      |                                                                                                                                                            |                        |
| R9 colour rendering index value                                                                                                                   |        | 80                   | Survival factor                                                                                                                                            | 90%                    |
| the lumen maintenance factor                                                                                                                      |        | 0,9                  |                                                                                                                                                            |                        |
| Parameters for LED and OLED mains light sources:                                                                                                  |        |                      |                                                                                                                                                            |                        |
| displacement factor (cos ϕ1)                                                                                                                      |        | 0,9                  | Colour consistency in McAdam ellipses                                                                                                                      | 3,6                    |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.                           |        | Yes                  | If yes then replacement claim (W)                                                                                                                          | 30                     |
| Flicker metric (Pst LM)                                                                                                                           |        | Flicker-free         | Stroboscopic effect metric (SVM)                                                                                                                           | <5%                    |

(a)“-” : not applicable;

(b)“-” : not applicable;

