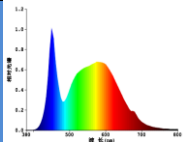


| Product Information                                                                                                    |  |   |                                                                                 | Lepro   LE                                                                                         |                                                                                                                                                         |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------|--|---|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product conformity acc. to                                                                                             |  | : | Ecodesign requirements                                                          |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Supplier's name or trade mark                                                                                          |  | : | Lepro, LE                                                                       |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Supplier's address                                                                                                     |  | : | LE Innovation Limited<br>One Spencer Dock, North Wall Quay, Dublin 1, D01 X9R7, |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Model identifier                                                                                                       |  | : | 200079-DW-EU-10                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Model identifier of all equivalent models                                                                              |  | : | 200079-DW-EU-10                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| With separate control gear                                                                                             |  | : | no                                                                              |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Type of light source                                                                                                   |  |   |                                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Lighting technology used                                                                                               |  | : | LED                                                                             | Non-directional or directional                                                                     | :                                                                                                                                                       | NDLS                                                                                |
| Mains or non-mains                                                                                                     |  | : | MLS                                                                             | Connected light source(CLS)                                                                        | :                                                                                                                                                       | no                                                                                  |
| Colour-tuneable light source                                                                                           |  | : | no                                                                              | Envelope                                                                                           | :                                                                                                                                                       | non-clear                                                                           |
| High luminance light source                                                                                            |  | : | no                                                                              | Anti-glare shield                                                                                  | :                                                                                                                                                       | no                                                                                  |
| Dimmable                                                                                                               |  | : | no                                                                              |                                                                                                    |                                                                                                                                                         |                                                                                     |
| General product parameters                                                                                             |  |   |                                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Energy consumption in on-mode(kWh/1000h)                                                                               |  | : | 4.0                                                                             | Energy efficiency class                                                                            | :                                                                                                                                                       | F                                                                                   |
| Useful luminous flux, indicating if it refers to the flux in a sphere, in a wide cone or in a narrow cone (lm)         |  | : | 350                                                                             | in sphere                                                                                          | Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures,rounded to the nearest 100K, that can be set | 5000                                                                                |
| On-mode power(Pon),expressed in W                                                                                      |  | : | 4.0                                                                             | Standby power (Psb) expressed in W and rounded to the second decimal                               | :                                                                                                                                                       | 0.00                                                                                |
| Networked standby power(Pnet) for CLS, expressed in W and rounded to the second decimal                                |  | : | 0.00                                                                            | 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(mm)       |  |   | Height 53<br>Width 50<br>Depth 50                                               | Spectral power distribution in the range 250nm to 800 nm at full-load                              | :                                                                                                                                                       |  |
| Claim of equivalent power                                                                                              |  | : | -                                                                               | If yes,equivalent power (W)                                                                        | :                                                                                                                                                       | -                                                                                   |
|                                                                                                                        |  |   |                                                                                 | Chromaticity coordinates (x and y)                                                                 | :                                                                                                                                                       | 0.346,0.359                                                                         |
| Parameters for directional light sources                                                                               |  |   |                                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Peak luminous intensity (cd)                                                                                           |  | : | -                                                                               | Beam angle in degrees, or the range of beam angles that can be set                                 | :                                                                                                                                                       | -                                                                                   |
| Parameters for LED and OLED light sources                                                                              |  |   |                                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| R9 colour rendering index value                                                                                        |  | : | 10                                                                              | Survival factor                                                                                    | :                                                                                                                                                       | 1.00                                                                                |
| the lumen maintenance factor                                                                                           |  | : | 0.96                                                                            |                                                                                                    |                                                                                                                                                         |                                                                                     |
| Parameters for LED and OLED mains light sources                                                                        |  |   |                                                                                 |                                                                                                    |                                                                                                                                                         |                                                                                     |
| displacement factor                                                                                                    |  | : | 0.7                                                                             | Colour consistency in McAdam ellipses                                                              | :                                                                                                                                                       | 6                                                                                   |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage |  | : | -                                                                               | If yes then replacement claim (W)                                                                  | :                                                                                                                                                       | -                                                                                   |
| Flicker metric (Pst LM)                                                                                                |  | : | 0.23                                                                            | Stroboscopic effect metric (SVM)                                                                   | :                                                                                                                                                       | 0.1                                                                                 |

| Declared/Measured values                                                                                                           |                                     |                                             |                                       |                                         |                      |      |           |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------|---------------------------------------|-----------------------------------------|----------------------|------|-----------|
| Voltage (V)                                                                                                                        | :                                   | 230                                         |                                       | Useful luminous flux (lm)               | :                    | 350  | in sphere |
| Frequency (Hz)                                                                                                                     | :                                   | 50                                          |                                       | Luminance-HLLS (cd/mm²)                 | :                    | -    | HLLS      |
| On-mode power Pon (W)                                                                                                              | :                                   | 4.0                                         |                                       | Beam angle (°)                          | :                    | -    | DLS       |
| Standby power Psb (W)                                                                                                              | :                                   | 0.00                                        |                                       | Networked standby power Pnet (W)        | :                    | 0.00 | CLS       |
| Displacement factor                                                                                                                | :                                   | 0.7                                         |                                       | CCT(K)                                  | :                    | 5000 |           |
| Colour consistency (SDCM)                                                                                                          | :                                   | 6                                           |                                       | CRI                                     | :                    | 80   |           |
| Flicker metric PstLM                                                                                                               | :                                   | 0.23                                        |                                       | Stroboscopic effect metric SVM          | :                    | 0.1  |           |
| Ponmax (W)                                                                                                                         | :                                   | 4.8                                         |                                       | excitation purity for Blue 440nm-490nm  | :                    | -    | CTLS      |
| Total mains efficacy (lm/W)                                                                                                        | :                                   | 87.5                                        |                                       | excitation purity for Green 520nm-570nm | :                    | -    | CTLS      |
| LB0750(H)                                                                                                                          | :                                   | 15000                                       | excitation purity for Red 610nm-670nm | :                                       | -                    | CTLS |           |
| Parameters for separate control gear                                                                                               |                                     |                                             |                                       |                                         |                      |      |           |
| Voltage (V)                                                                                                                        | :                                   | -                                           |                                       | Maximum output power (W)                | :                    | -    |           |
| No-load power Pno (W)                                                                                                              | :                                   | -                                           |                                       | Efficiency in full load (%)             | :                    | -    |           |
| Standby power Psb (W)                                                                                                              | :                                   | -                                           |                                       | Networked standby power Pnet (W)        | :                    | -    |           |
| the type of light sources for which it is intended                                                                                 | :                                   | -                                           | -                                     | compatible dimmable light sources       | :                    | -    |           |
| Outer dimensions (mm)                                                                                                              | Hight                               | -                                           |                                       | mass(g)                                 | :                    | -    |           |
|                                                                                                                                    | Width                               | -                                           |                                       |                                         |                      |      |           |
|                                                                                                                                    | Depth                               | -                                           |                                       |                                         |                      |      |           |
| $\eta_{TM} = (\Phi_{use}/P_{on}) \times FTM (lm/W)=87.5 lm/W$<br>$85 \leq \eta_{TM} < 110$ energy efficiency class correspond to F |                                     |                                             |                                       |                                         |                      |      |           |
| Energy efficiency and functional requirements                                                                                      |                                     |                                             |                                       |                                         |                      |      |           |
| Classification acc. To 2019/2020                                                                                                   |                                     | Directional lamp                            |                                       | <input checked="" type="checkbox"/>     | Non directional lamp |      |           |
| Compliance:                                                                                                                        | <input checked="" type="checkbox"/> | Yes                                         |                                       | <input type="checkbox"/>                | No                   |      |           |
| Measurement conditions                                                                                                             |                                     |                                             |                                       |                                         |                      |      |           |
| Standards                                                                                                                          | :                                   | EU 2019/2015, EU 2019/2020                  |                                       |                                         |                      |      |           |
| Tolerances                                                                                                                         | :                                   | according to ErP regulation                 |                                       |                                         |                      |      |           |
| Measurement setup                                                                                                                  | :                                   | 4P, SSL port, 1.5m spere                    |                                       |                                         |                      |      |           |
| Voltage (V)                                                                                                                        | :                                   | declared voltage                            |                                       |                                         |                      |      |           |
| Burning position                                                                                                                   | :                                   | Base up                                     |                                       |                                         |                      |      |           |
| Ambient temperature:                                                                                                               | :                                   | 25°C +/- 2K                                 |                                       |                                         |                      |      |           |
| Burn in                                                                                                                            | :                                   | 1h                                          |                                       |                                         |                      |      |           |
| Total operating time during measurement                                                                                            | :                                   | 15min                                       |                                       |                                         |                      |      |           |
| Non standard stability criteria                                                                                                    | :                                   | Luminous flux tolerance 0.5% within 60 sec. |                                       |                                         |                      |      |           |
| Uncertainties                                                                                                                      | :                                   | according to JCGM (GUM) and CIE 198         |                                       |                                         |                      |      |           |
| Important notes / WARNINGS:                                                                                                        |                                     |                                             |                                       |                                         |                      |      |           |
| The product needs to be powered off before install; Please see users' instruction                                                  |                                     |                                             |                                       |                                         |                      |      |           |
| Signature                                                                                                                          | :                                   | Vick Xun                                    |                                       |                                         |                      |      |           |