

# PRODUCT INFORMATION SHEET

|                                                 |                                                                                                                        |                                                               |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Public information                              | Supplier's name or trade mark                                                                                          | LUTEC                                                         |
|                                                 | Supplier's address                                                                                                     | LUTEC Europe NV, Herentalsebaan 425, B-2160 Wommelgem-Belgium |
|                                                 | Model Identifier - Luminaire Supplier                                                                                  | 5193810118                                                    |
|                                                 | Light sources maker model                                                                                              | 5193810118M                                                   |
|                                                 | Date of first placing on the market                                                                                    | 2021/10/15                                                    |
|                                                 | Date of end of placement on the market                                                                                 |                                                               |
|                                                 | Compliance data visible to UK MSA                                                                                      | yes                                                           |
| TYPE OF LIGHT SOURCE                            | Lighting technology used                                                                                               | LED                                                           |
|                                                 | Non-directional or directional                                                                                         | NDLS                                                          |
|                                                 | Light source cap-type (or other electric interface)                                                                    | Welding                                                       |
|                                                 | Mains or non-mains                                                                                                     | Mains                                                         |
|                                                 | Connected light source (CLS)                                                                                           | yes                                                           |
|                                                 | Colour-tuneable light source                                                                                           | no                                                            |
|                                                 | High luminance light source                                                                                            | no                                                            |
|                                                 | Anti-glare shield                                                                                                      | no                                                            |
|                                                 | Dimmable                                                                                                               | yes                                                           |
| GENERAL PRODUCT PARAMETERS                      | Energy consumption in on-mode (KWh/1000h)                                                                              | 15                                                            |
|                                                 | Energy efficiency class                                                                                                | E                                                             |
|                                                 | Useful luminous flux (lm)                                                                                              | 1700                                                          |
|                                                 | Beam angle correspondence                                                                                              | Spere(360°)                                                   |
|                                                 | Correlated colour temperature type                                                                                     | Range                                                         |
|                                                 | Correlated colour temperature (K)                                                                                      | 2700-6500                                                     |
|                                                 | On-mode power (W)                                                                                                      | 15                                                            |
|                                                 | Standby power (W)                                                                                                      | 0.31                                                          |
|                                                 | Networked standby power for CLS (W)                                                                                    | < 0.5                                                         |
|                                                 | Colour rendering index                                                                                                 | 80                                                            |
|                                                 | Colour rendering index range (Minimum)                                                                                 | 80                                                            |
|                                                 | Colour rendering index range (Maximum)                                                                                 | 80                                                            |
|                                                 | Outer dimensions (Height) (millimetre)                                                                                 | 15                                                            |
|                                                 | Outer dimensions (Width) (millimetre)                                                                                  | 26                                                            |
|                                                 | Outer dimensions (Depth) (millimetre)                                                                                  | 226                                                           |
|                                                 | Claim of equivalent power                                                                                              | yes                                                           |
|                                                 | Equivalent power (W)                                                                                                   | 110                                                           |
|                                                 | Chromaticity coordinate (x)                                                                                            | 0.463                                                         |
|                                                 | Chromaticity coordinate (y)                                                                                            | 0.42                                                          |
| Directional light source                        | Peak luminous intensity (cd)                                                                                           |                                                               |
|                                                 | Beam angle (degrees)                                                                                                   |                                                               |
|                                                 | Beam angle range (Minimum) (degrees)                                                                                   |                                                               |
|                                                 | Beam angle range (Maximum) (degrees)                                                                                   |                                                               |
| File upload                                     | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                |                                                               |
| PARAMETERS FOR LED AND OLED LIGHT SOURCES       | R9 Color rendering index                                                                                               | 21                                                            |
|                                                 | Survival factor                                                                                                        | 1                                                             |
|                                                 | Lumen maintenance factor                                                                                               | 0.96                                                          |
| PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES | Displacement factor                                                                                                    | >0.7                                                          |
|                                                 | Color consistency in McAdam ellipses                                                                                   | 6                                                             |
|                                                 | Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage | not applicable                                                |
|                                                 | Flicker metric(W)                                                                                                      | 1                                                             |
|                                                 | Stroboscopic effect metric(W)                                                                                          | 1                                                             |