

|    |         |                                                                                                                                                                                   |                                                                   |                    |
|----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------|
| 1  | (a)     | Supplier's name and address                                                                                                                                                       | ADEO Services, 135 rue Sadi Carnot - CS00001, 59790 RONCHIN       |                    |
| 2  | (b)     | Model Identifier                                                                                                                                                                  | 12ASA-M450-Q1-04                                                  |                    |
| 3  | (c)     | Model identifier of all equivalent models already placed on the market                                                                                                            |                                                                   |                    |
| 4  | (d)     | Identification and signature of the person empowered to bind the supplier                                                                                                         | Refer to EU Declaration of Conformity                             |                    |
| 5  | (e)     | Declared and measured values for the following technical parameters:                                                                                                              |                                                                   |                    |
| 6  | (e)(1)  | <i>useful luminous flux (<math>\Phi_{use}</math>) in lm</i>                                                                                                                       | 450                                                               | Lm                 |
| 7  | (e)(2)  | <i>colour rendering index (CRI)</i>                                                                                                                                               | 80                                                                |                    |
| 8  | (e)(3)  | <i>on-mode power (<math>P_{on}</math>) in W</i>                                                                                                                                   | 3.9                                                               | W                  |
| 9  | (e)(4)  | <i>beam angle in degrees for directional light sources (DLS)</i>                                                                                                                  | 100                                                               | Degrees            |
| 10 | (e)(5)  | <i>correlated colour temperature (CCT) in K for FL and HID light sources</i>                                                                                                      | 4000                                                              | K                  |
| 11 | (e)(6)  | <i>standby power (<math>P_{sb}</math>) in W, including when it is zero</i>                                                                                                        | 0.00                                                              | W                  |
| 12 | (e)(7)  | <i>networked standby power (<math>P_{net}</math>) in W for connected light sources (CLS) including when it is zero</i>                                                            | 0.00                                                              | W                  |
| 13 | (e)(8)  | <i>displacement factor (<math>\cos \phi_1</math>) for LED and OLED mains light sources</i>                                                                                        | 0.95                                                              |                    |
| 14 | (e)(9)  | <i>colour consistency in MacAdam ellipse steps for LED and OLED light sources</i>                                                                                                 | 6                                                                 |                    |
| 15 | (e)(10) | <i>luminance-HLLS in cd/mm<sup>2</sup> (only for HLLS)</i>                                                                                                                        | NA                                                                | cd/mm <sup>2</sup> |
| 16 | (e)(11) | <i>flicker metric (<math>P_{stLM}</math>) for LED and OLED light sources (rounded to one decimal)</i>                                                                             | 0.0                                                               |                    |
| 17 | (e)(12) | <i>stroboscopic effect metric (SVM) for LED and OLED light sources (rounded to one decimal)</i>                                                                                   | 0.0                                                               |                    |
| 19 | (e)(13) | <i>excitation purity</i>                                                                                                                                                          | N/A                                                               |                    |
| 20 | (f)     | Calculations performed with the parameters, including the determination of the energy efficiency class                                                                            | 450lm/4.8W*1.176=135lm/w, D class                                 |                    |
| 21 | (g)     | References to the harmonised standards applied or other standards used                                                                                                            | EN 62612:2013/A2:2018<br>IEC TR 61547-1:2017<br>IEC TR 63158:2018 |                    |
| 22 | (h)     | Testing conditions if not described sufficiently in previous harmonised standards                                                                                                 | N/A                                                               |                    |
| 23 | (i)     | the reference control settings, and instructions on how they can be implemented, where applicable                                                                                 | N/A                                                               |                    |
| 24 | (j)     | instructions on how to remove lighting control parts and/or non-lighting parts, if any, or how to switch them off or minimise their power consumption during light source testing | NA                                                                |                    |
| 25 | (k)     | specific precautions that shall be taken when the model is assembled, installed, maintained or tested                                                                             | NA                                                                |                    |