

|    |         |                                                                                                                                                                                   |                                                                   |
|----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1  | (a)     | Supplier's name and address                                                                                                                                                       | ADEO Services, 135 rue Sadi Carnot - CS00001, 59790 RONCHIN       |
| 2  | (b)     | Model Identifier                                                                                                                                                                  | 12ASA-M450-Q1-01-03                                               |
| 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)  | useful luminous flux ( $\Phi_{use}$ ) in lm                                                                                                                                       | 450 Lm                                                            |
| 7  | (e)(2)  | colour rendering index (CRI)                                                                                                                                                      | 80                                                                |
| 8  | (e)(3)  | on-mode power (Pon) in W                                                                                                                                                          | 3.9 W                                                             |
| 9  | (e)(4)  | beam angle in degrees for directional light sources (DLS)                                                                                                                         | 100 Degrees                                                       |
| 10 | (e)(5)  | correlated colour temperature (CCT) in K for FL and HID light sources                                                                                                             | 2700 K                                                            |
| 11 | (e)(6)  | standby power (Psb) in W, including when it is zero                                                                                                                               | 0.00 W                                                            |
| 12 | (e)(7)  | networked standby power (Pnet) in W for connected light sources (CLS) including when it is zero                                                                                   | 0.00 W                                                            |
| 13 | (e)(8)  | displacement factor (cos $\phi_1$ ) for LED and OLED mains light sources                                                                                                          | 0.95                                                              |
| 14 | (e)(9)  | colour consistency in MacAdam ellipse steps for LED and OLED light sources                                                                                                        | 6                                                                 |
| 15 | (e)(10) | luminance-HLLS in cd/mm <sup>2</sup> (only for HLLS)                                                                                                                              | NA cd/mm <sup>2</sup>                                             |
| 16 | (e)(11) | flicker metric (PstLM) for LED and OLED light sources (rounded to one decimal)                                                                                                    | 0.0                                                               |
| 17 | (e)(12) | stroboscopic effect metric (SVM) for LED and OLED light sources (rounded to one decimal)                                                                                          | 0.0                                                               |
| 19 | (e)(13) | excitation purity                                                                                                                                                                 | N/A                                                               |
| 20 | (f)     | Calculations performed with the parameters, including the determination of the energy efficiency class                                                                            | 450lm/3.9W*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                                                                |