

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** ELMARK

**Supplier's address:** ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

**Model identifier:** 93M20FL1040/BL

## Type of light source:

|   |                |                                 |     |
|---|----------------|---------------------------------|-----|
| Lighting technology used:                           | LED            | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | Integrated LED |                                 |     |
| Mains or non-mains:                                 | NMLS           | Connected light source (CLS):   | Yes |
| Colour-tuneable light source:                       | No             | Envelope:                       | -   |
| High luminance light source:                        | Yes            |                                 |     |
| Anti-glare shield:                                  | No             | Dimmable:                       | No  |

## Product parameters

| Parameter  | Value                   | Parameter  | Value                  |
|--|-------------------------|--|------------------------|
| <b>General product parameters:</b>   |                         |  |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 10                      | Energy efficiency class  | G                      |
| Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 600 in Wide cone (120°) | 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 | 4 000                  |
| On-mode power ( $P_{on}$ ), expressed in W   | 12,0                    | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | 0,20                   |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal  | 0,20                    | Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set   | 82                     |
| Outer dimensions without separate control gear, lighting control   | Height                  | Spectral power distribution in the range 250 nm to 800 nm, at full-load  | See image in last page |
|  | Width                   |  |                        |
|  | Depth                   |  |                        |

|   |      |  |                |  |
|---|------|--|----------------|--|
| parts and non-lighting control parts, if any (millimetre) |      |  |                |  |
| Claim of equivalent power <sup>(a)</sup>                  | -    | If yes, equivalent power (W)                                       | -              |  |
|   |      | Chromaticity coordinates (x and y)                                 | 0,378<br>0,376 |  |
| <b>Parameters for directional light sources:</b>          |      |  |                |  |
| Peak luminous intensity (cd)                              | 274  | Beam angle in degrees, or the range of beam angles that can be set | 94             |  |
| <b>Parameters for LED and OLED light sources:</b>         |      |  |                |  |
| R9 colour rendering index value                           | 5    | Survival factor  | 0,50           |  |
| the lumen maintenance factor                              | 0,95 |  |                |  |

(a) : not applicable;

(b) : not applicable;

