

# Product Information Sheet

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

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

**Supplier's address:** malmbergs.com, Box 144, SE

**Model identifier:** 9974448

## Type of light source:

|   |                |                                 |     |
|---|----------------|---------------------------------|-----|
| Lighting technology used:                           | LED            | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | NOT APPLICABLE |                                 |     |
| Mains or non-mains:                                 | MLS            | Connected light source (CLS):   | No  |
| Colour-tuneable light source:                       | No             | Envelope:                       | -   |
| High luminance light source:                        | No             |                                 |     |
| Anti-glare shield:                                  | No             | Dimmable:                       | Yes |

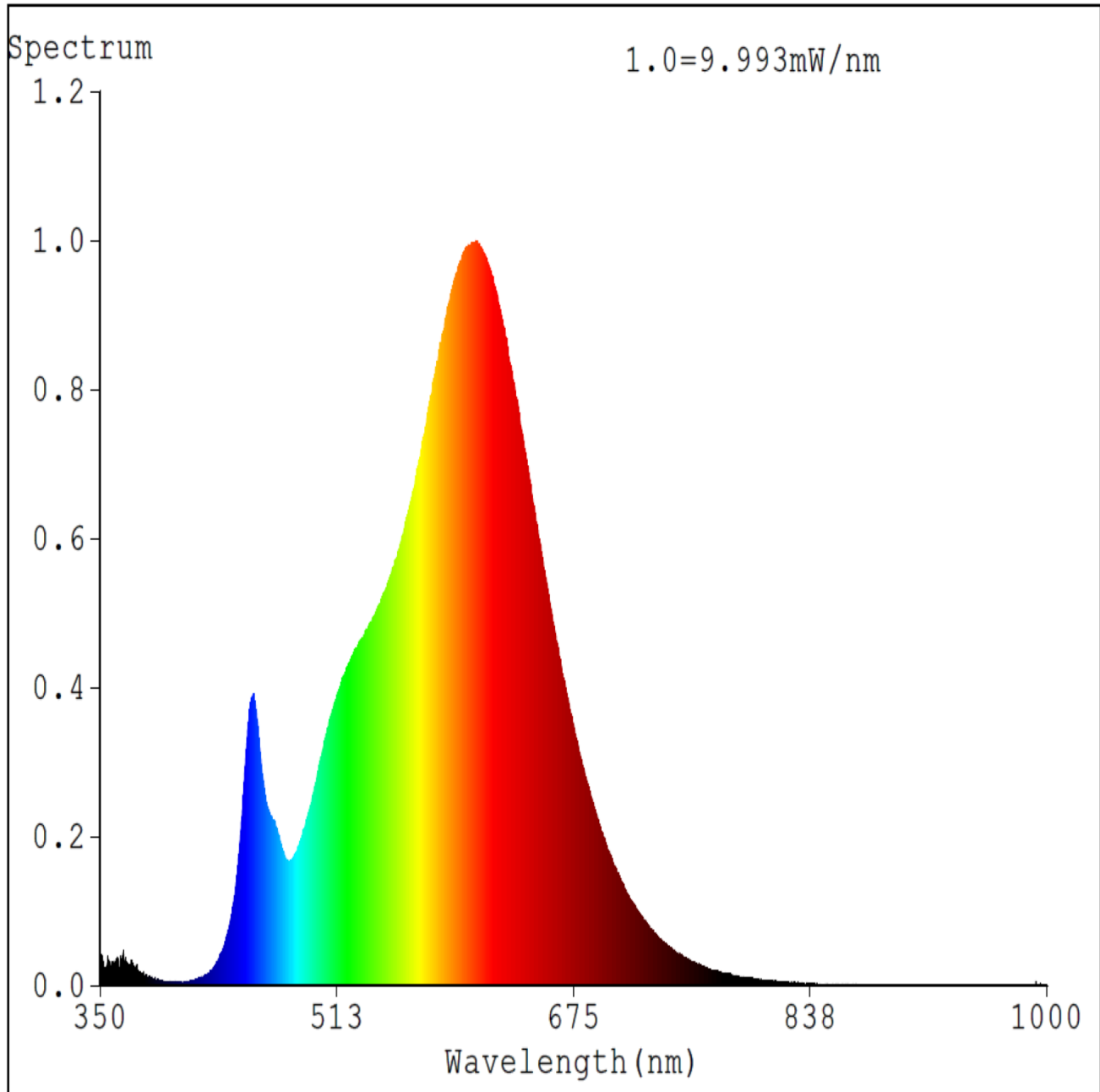
## Product parameters

| Parameter  | Value                    | Parameter  | Value   |
|--|--------------------------|--|---|
| <b>General product parameters:</b>   |                          |  |   |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer  | 7                        | 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°) | 470 in Narrow cone (90°) | 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 | 1900...3000   |
| On-mode power ( $P_{on}$ ), expressed in W   | 7,0                      | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | -   |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal  | -                        | 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   | Height                   | 45   | Spectral power distribution in the range 250 nm to 800 nm, at full-load |
|  | Width                    | 95   |   |
|  | Depth                    | 95   |   |
|  |                          |  | See image in last page  |

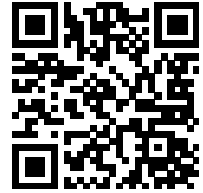
|   |      |  |                |
|---|------|--|----------------|
| parts and non-lighting control parts, if any (millimetre)   |      |  |                |
| Claim of equivalent power <sup>(a)</sup>  | -    | If yes, equivalent power (W)                                       | -              |
|   |      | Chromaticity coordinates (x and y)                                 | 0,458<br>0,418 |
| <b>Parameters for directional light sources:</b>  |      |  |                |
| Peak luminous intensity (cd)  | 900  | Beam angle in degrees, or the range of beam angles that can be set | 30             |
| <b>Parameters for LED and OLED light sources:</b>   |      |  |                |
| R9 colour rendering index value   | 11   | Survival factor  | 0,90           |
| the lumen maintenance factor  | 0,96 |  |                |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |  |                |
| displacement factor (cos $\phi_1$ )   | 0,50 | Colour consistency in McAdam ellipses                              | 4              |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage. | -(b) | If yes then replacement claim (W)                                  | -              |
| Flicker metric (Pst LM)   | 0,9  | Stroboscopic effect metric (SVM)                                   | 0,4            |

(a) '-': not applicable;

(b) '-': not applicable;



Model placed on the Union market from 10/01/2023



**EPREL registration number:** 1209669

<https://eprel.ec.europa.eu/qr/1209669>

**Supplier:** Malmbergs Elektriska Aktiebolag (publ) (Manufacturer)

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