

# Product Information Sheet

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

**Supplier's name or trade mark:** Nordtronic A/S

**Supplier's address:** Nordtronic A/S, Flade Engvej 4, 9900 Frederikshavn, DK

**Model identifier:** 31130013

## Type of light source:

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

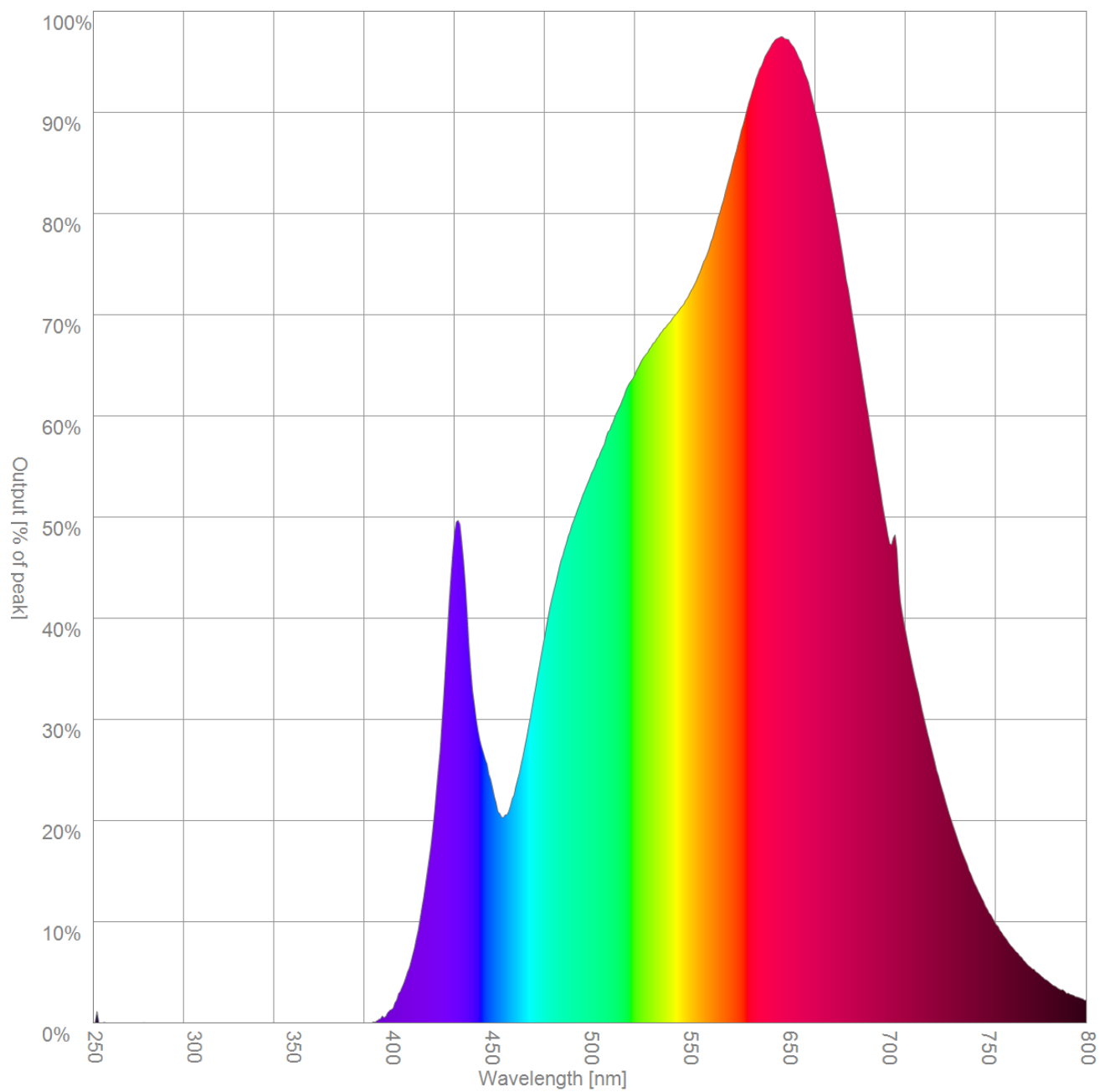
## Product parameters

| Parameter                                                                                                                                             | Value                    | Parameter                                                                                                                                                  | Value                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>General product parameters:</b>                                                                                                                    |                          |                                                                                                                                                            |                        |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         | 9                        | Energy efficiency class                                                                                                                                    | F                      |
| Useful luminous flux ( $\phi_{\text{use}}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 692 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 | 3 000                  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 9,0                      | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        | 0,00                   |
| Networked standby power ( $P_{\text{net}}$ ) 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                                                         | 95                     |
| Outer dimensions without separate control gear, light-                                                                                                | Height                   | Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                    | See image in last page |
|                                                                                                                                                       | Width                    |                                                                                                                                                            |                        |
|                                                                                                                                                       | Depth                    |                                                                                                                                                            |                        |

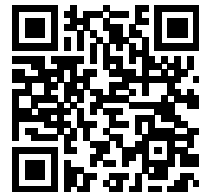
|                                                                       |       |                                                                    |                |  |
|-----------------------------------------------------------------------|-------|--------------------------------------------------------------------|----------------|--|
| ing control 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)                                 | 0,437<br>0,404 |  |
| <b>Parameters for directional light sources:</b>                      |       |                                                                    |                |  |
| Peak luminous intensity (cd)                                          | 1 584 | Beam angle in degrees, or the range of beam angles that can be set | 35             |  |
| <b>Parameters for LED and OLED light sources:</b>                     |       |                                                                    |                |  |
| R9 colour rendering index value                                       | 83    | Survival factor                                                    | 0,90           |  |
| the lumen maintenance factor                                          | 0,58  |                                                                    |                |  |

(a) '-': not applicable;

(b) '-': not applicable;



Model placed on the Union market from 01/12/2022



**EPREL registration number:** 1175345

<https://eprel.ec.europa.eu/qr/1175345>

**Supplier:** Nordtronic A/S (Manufacturer)

**Website:** [www.Nordtronic.dk](http://www.Nordtronic.dk)

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