

# Product Information Sheet

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

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

**Supplier's address:** R&D, Tecklenburger Str. 161, 48477 Hörstel, DE

**Model identifier:** 87020

**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):   | No                         |
| Colour-tuneable light source:                       | No             | Envelope:                       | -                          |
| High luminance light source:                        | No             |                                 |                            |
| Anti-glare shield:                                  | No             | 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                                                                         | 3                    | Energy efficiency class                                                                                                                                    | G                      |
| 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°) | 150 in Sphere (360°) | 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                                                                                                     | 2,5                  | 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                                                         | 90                     |
| 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)                                 | 0,424<br>0,401 |  |
| <b>Parameters for directional light sources:</b>                      |      |                                                                    |                |  |
| Peak luminous intensity (cd)                                          | 701  | 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                                       | 61   | Survival factor                                                    | 0,95           |  |
| the lumen maintenance factor                                          | 0,70 |                                                                    |                |  |

(a) '-': not applicable;

(b) '-': not applicable;

mW/nm

