

# Product Information Sheet

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

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

**Supplier's address:** Info, Seestraße 1-3, 72074 Tübingen Tübingen, DE

**Model identifier:** 1171250047

## Type of light source:

|                                                     |     |                                 |     |
|-----------------------------------------------------|-----|---------------------------------|-----|
| Lighting technology used:                           | LED | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | N/A |                                 |     |
| 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:                       | No  |

## Product parameters

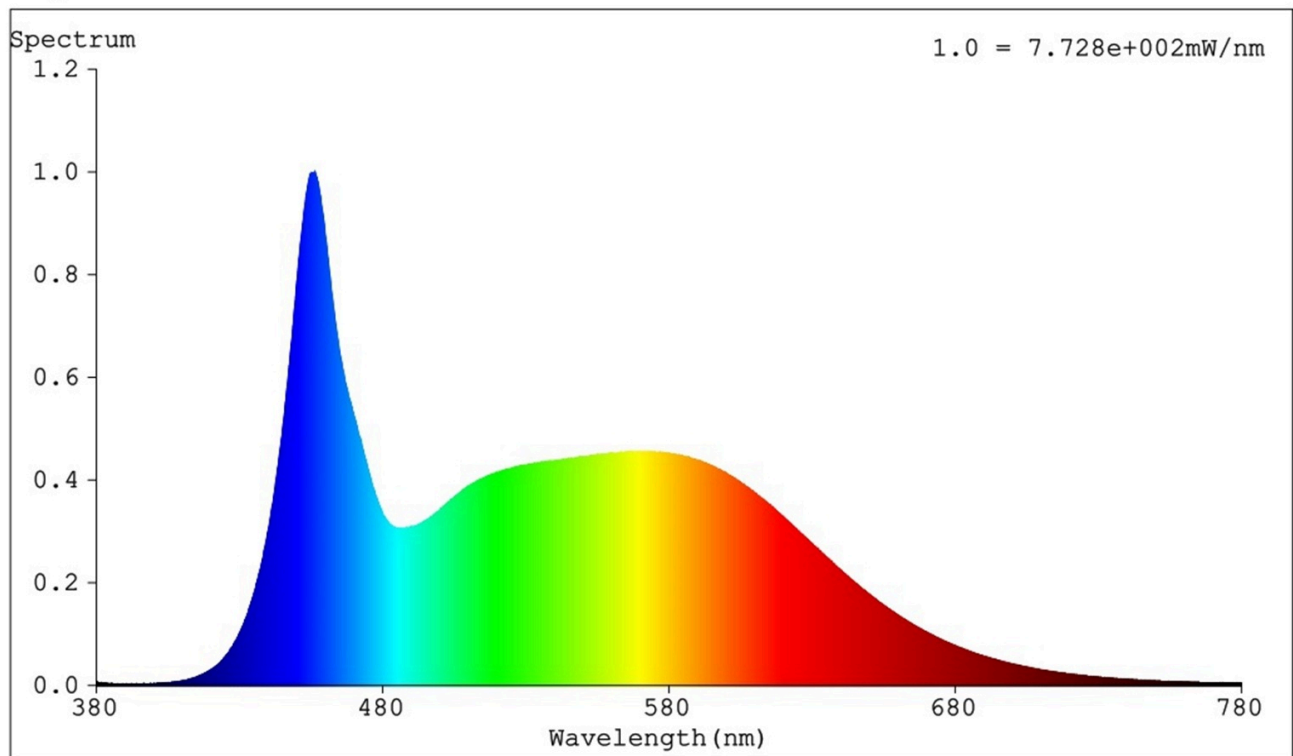
| Parameter                                                                                                                                             | Value                      | Parameter                                                                                                                                                  | Value                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>General product parameters:</b>                                                                                                                    |                            |                                                                                                                                                            |                                                                                                       |
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer                                                                         | 100                        | Energy efficiency class                                                                                                                                    | D                                                                                                     |
| 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°) | 11 500 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 | 6 500                                                                                                 |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 100,0                      | 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                                                         | 80                                                                                                    |
| Outer dimensions without separate control gear, lighting control                                                                                      | Height                     | 231                                                                                                                                                        | Spectral power distribution in the range 250 nm to 800 nm, at full-load<br><br>See image in last page |
|                                                                                                                                                       | Width                      | 368                                                                                                                                                        |                                                                                                       |
|                                                                                                                                                       | Depth                      | 327                                                                                                                                                        |                                                                                                       |

|                                                                                                                         |       |                                                                    |                |  |
|-------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------|----------------|--|
| 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)                                 | 0,313<br>0,337 |  |
| <b>Parameters for directional light sources:</b>                                                                        |       |                                                                    |                |  |
| Peak luminous intensity (cd)                                                                                            | 5 000 | Beam angle in degrees, or the range of beam angles that can be set | 115            |  |
| <b>Parameters for LED and OLED light sources:</b>                                                                       |       |                                                                    |                |  |
| R9 colour rendering index value                                                                                         | 7     | Survival factor                                                    | 0,90           |  |
| the lumen maintenance factor                                                                                            | 0,96  |                                                                    |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                 |       |                                                                    |                |  |
| displacement factor (cos $\phi_1$ )                                                                                     | 0,90  | Colour consistency in McAdam ellipses                              | 6              |  |
| 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)                                                                                                 | 1,0   | Stroboscopic effect metric (SVM)                                   | 0,9            |  |

(a) '-': not applicable;

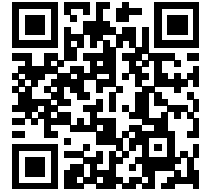
(b) '-': not applicable;

# Spectrum



Spectral Distribution

Model placed on the Union market from 10/07/2023



**EPREL registration number:** 1534661

<https://eprel.ec.europa.eu/qr/1534661>

**Supplier:** Hugo Brennenstuhl GmbH & Co. Kommanditgesellschaft (Manufacturer)

**Website:** [www.brennenstuhl.com](http://www.brennenstuhl.com)

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