

# Product information sheet

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

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

Brilliant

**Supplier's address:**

Brilliant AG, Brilliantstraße 1, 27442 Gnarrenburg

**Model identifier:**

G60230/05

**Type of light source:**

|                                                                                                                                                       |                      |                                                                                                                                                            |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Lighting technology used:                                                                                                                             | LED                  | Non-directional or directional:                                                                                                                            | NDLS  |
| Light source cap-type (or other electric interface)                                                                                                   | /                    |                                                                                                                                                            |       |
| 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:                                                                                                                                                  | no    |
| <b>Product parameters</b>                                                                                                                             |                      |                                                                                                                                                            |       |
| Parameter                                                                                                                                             | Value                | Parameter                                                                                                                                                  | Value |
| <b>General product parameters:</b>                                                                                                                    |                      |                                                                                                                                                            |       |
| Energy consumption in on-mode (kWh/1 000 h) rounded up to the nearest integer                                                                         | 2                    | 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°) | 230 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 | 2700  |
| On-mode power ( $P_{\text{on}}$ ), expressed in W                                                                                                     | 2                    | Standby power ( $P_{\text{sb}}$ ), expressed in W and rounded to the second decimal                                                                        |       |
| 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    |

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| Product parameters                                                                                                         |           |                                                                    |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Parameter                                                                                                                  | Value     | Parameter                                                          | Value                                                                                        |
| <b>General product parameters:</b>                                                                                         |           |                                                                    |                                                                                              |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Height    | 60                                                                 | Spectral power distribution in the range 250 nm to 800 nm, at full-load<br><br>see last page |
|                                                                                                                            | Width     | 2                                                                  |                                                                                              |
|                                                                                                                            | Depth     | 60                                                                 |                                                                                              |
| Claim of equivalent power                                                                                                  | true      | If yes, equivalent power (W)                                       | 25                                                                                           |
|                                                                                                                            |           | Chromaticity coordinates (x and y)                                 |                                                                                              |
|                                                                                                                            |           |                                                                    |                                                                                              |
| <b>Parameters for directional light sources:</b>                                                                           |           |                                                                    |                                                                                              |
| Peak luminous intensity (cd)                                                                                               |           | Beam angle in degrees, or the range of beam angles that can be set |                                                                                              |
| <b>Parameters for LED and OLED light sources:</b>                                                                          |           |                                                                    |                                                                                              |
| R9 colour rendering index value                                                                                            | -8,314923 | Survival factor                                                    | 0,96                                                                                         |
| the lumen maintenance factor                                                                                               | 0,97      |                                                                    |                                                                                              |
| <b>Parameters for LED and OLED mains light sources:</b>                                                                    |           |                                                                    |                                                                                              |
| displacement factor (cos $\phi$ 1)                                                                                         |           | Colour consistency in McAdam ellipses                              | 2,8                                                                                          |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.    | -         | If yes then replacement claim (W)                                  | -                                                                                            |
| Flicker metric (Pst LM)                                                                                                    | 0         | Stroboscopic effect metric (SVM)                                   | 0                                                                                            |