

# Product Information Sheet

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

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

**Supplier's address:** Nedis B.V., De Tweeling 28, 5215 MC 's-Hertogenbosch Noord-Brabant, NL

**Model identifier:** LEDBGU10P16G2

## Type of light source:

|   |      |                                 |     |
|---|------|---------------------------------|-----|
| Lighting technology used:                           | LED  | Non-directional or directional: | DLS |
| Light source cap-type (or other electric interface) | GU10 |                                 |     |
| 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  | 4                        | 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°) | 270 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 | 2 700                  |
| On-mode power ( $P_{on}$ ), expressed in W   | 4,0                      | Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal   | 0,00                   |
| 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                   | Spectral power distribution in the range 250 nm to 800 nm, at full-load  | See image in last page |
|  | Width                    |  |                        |
|  | Depth                    |  |                        |

|   |      |  |                |  |
|---|------|--|----------------|--|
| parts and non-lighting control parts, if any (millimetre)   |      |  |                |  |
| Claim of equivalent power <sup>(a)</sup>  | Yes  | If yes, equivalent power (W)                                       | 35             |  |
|   |      | Chromaticity coordinates (x and y)                                 | 0,458<br>0,412 |  |
| <b>Parameters for directional light sources:</b>  |      |  |                |  |
| Peak luminous intensity (cd)  | 450  | Beam angle in degrees, or the range of beam angles that can be set | 36             |  |
| <b>Parameters for LED and OLED light sources:</b>   |      |  |                |  |
| R9 colour rendering index value   | 0    | Survival factor  | 0,90           |  |
| the lumen maintenance factor  | 0,93 |  |                |  |
| <b>Parameters for LED and OLED mains light sources:</b>   |      |  |                |  |
| displacement factor (cos $\phi_1$ )   | 0,50 | 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)                                   | 0,4            |  |

(a) '-': not applicable;

(b) '-': not applicable;

