

# Product Information Sheet

## General information

|  |  |
|--|--|
| Supplier's name or trade mark:   | BDSK Handels GmbH & Co. KG,                          |
| Supplier's address:  | Mergentheimer Straße 59, DE-97084 Würzburg, Germany, |
| Model identifier:  | 63600054   |
| The model identifier of all equivalent models already placed on the market (if have) | NA   |
| Identification and signature of the person empowered to bind the supplier            | BDSK Handels GmbH & Co. KG,                          |

## Technical information

|                                       |     |
|---------------------------------------|-----|
| Is light source replaceable?          | YES |
| If no, why? (technical reason)        |     |
| Is separate control gear replaceable? | YES |
| If no, why? (technical reason)        |     |

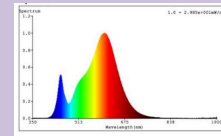
## Type of light source

|   |  |                                |      |
|---|--|--------------------------------|------|
| light source identifier                             | 63600054_Light source(PS-2835LED120-121) |                                |      |
| Lighting technology used                            | LED                                      | Non-directional or directional | NDLS |
| Light source cap-type (or other electric interface) | DC 0.3 A                                 |                                |      |
| Mains or non-mains                                  | NMLS                                     | Connected light source (CLS)   | no   |
| Colour-tuneable light source                        | no                                       | Envelope                       | no   |
| High luminance light source                         | no                                       |                                |      |
| Anti-glare shield                                   | no                                       | Dimmable                       | no   |

## Product parameters of light source

### General product parameters:

|  |               |   |   |       |
|--|---------------|---|---|-------|
| Energy consumption in on-mode (kWh/1000h)  | 12            | Energy efficiency class   | F   |       |
| 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°) | 1300LM        | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures | 3000  |       |
|  | Sphere (360°) |   |   |       |
| On-mode power ( $P_{on}$ ), expressed in W   | 12            | Standby power ( $P_{sb}$ ), expressed in W  | n/a   |       |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W  | n/a           | Colour rendering index  | 80  |       |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)                     | Height        | 1   | Spectral power distribution in the range 250 nm to 800 nm, at full-load |       |
|  | Width         | 8   |   |       |
|  | Depth         | 500   |   |       |
| Claim of equivalent power  | n/a           | If yes, equivalent power (W)  | n/a   |       |
|  |               | Chromaticity coordinates (x and y)  | x   | 0.440 |
|  |               |   | y   | 0.403 |



### Parameters for directional light sources:

|                              |     |  |     |
|------------------------------|-----|--|-----|
| Peak luminous intensity (cd) | n/a | Beam angle in degrees, or the range of beam angles | n/a |
|------------------------------|-----|--|-----|

### Parameters for LED and OLED light sources:

|                                 |      |                 |      |
|---------------------------------|------|-----------------|------|
| R9 colour rendering index value | 2    | Survival factor | 1.00 |
| the lumen maintenance factor    | 0.96 |                 |      |

### Parameters for LED and OLED for mains light sources:

|  |     |  |     |
|--|-----|--|-----|
| displacement factor (cos $\phi_1$ )  | n/a | Colour consistency in<br>McAdam ellipses | 2.0 |
| Claims that an LED light source replaces a<br>fluorescent light source without integrated<br>ballast of a particular wattage | n/a | If yes then replacement claim<br>(W)     | n/a |
| Flicker metric (Pst LM)  | n/a | Stroboscopic effect metric<br>(SVM)      | n/a |

| Information requirements for light source   |                                |
|---|--------------------------------|
| <b>Information to be displayed on the light source itself</b>   |                                |
| For all light sources, except CTLS, LFL, CFLni, other FL, and HID, the follow value and physical unit shall be displayed in a legible font on the surface if, after the inclusion of safety-related information, there is sufficient space available for it without unduly obstructing the light emission.  | On the body of light source    |
| useful luminous flux (lm)   | 1300LM                         |
| correlated colour temperature (K)   | 3000                           |
| beam angle (360°) for DLS   | n/a                            |
| <b>Information to be visibly displayed on the packaging</b>   |                                |
| If a light source is placed on the market, not in a containing product, in a packaging containing information to be visibly displayed at a point-of-sale prior to its purchase, the following information shall be clearly and prominently displayed on the packaging                                       | On the package of light source |
| (a) the useful luminous flux ( $\Phi_{use}$ ) (lm)  | 1300LM                         |
| (b) the correlated colour temperature (K)   | 3000                           |
| (c) the beam angle in degrees for DLS   | n/a                            |
| (d) electrical interface details  | DC 0.3 A                       |
| (e) the L70B50 lifetime for LED and OLED light sources  | 30000h                         |
| (f) the on-mode power ( $P_{on}$ ) (W)  | 12.0                           |
| (g) the standby power ( $P_{sb}$ ) (W)  | n/a                            |
| (h) the networked standby power ( $P_{net}$ ) for CLS (W)   | n/a                            |
| (i) the colour rendering index  | 80                             |
| (j) if CRI < 80, and the light source is intended for use in outdoor applications, industrial applications or other applications where lighting standards allow a CRI < 80, a clear indication to this effect. For HID light sources with useful luminous flux > 4 000 lm, this indication is not mandatory | n/a                            |
| (k) if the light source is designed for optimum use in non-standard conditions (such as ambient temperature $T_a \neq 25 \text{ }^\circ\text{C}$ or specific thermal management is necessary): information on those conditions  | n/a                            |
| (l) a warning if the light source cannot be dimmed or can be dimmed only with specific dimmers or with specific wired or wireless dimming methods. In the latter cases a list of compatible dimmers and/or methods shall be provided on the manufacturer's website  | n/a                            |
| (m) if the light source contains mercury: a warning of this, including the mercury content in mg rounded to the first decimal place   | n/a                            |
| (n) if the light source is within the scope of Directive 2012/19/EU, without prejudice to marking obligations pursuant to Article 14(4) of Directive 2012/19/EU, or contains mercury: a warning that it shall not be disposed of as unsorted municipal waste  | n/a                            |
| Items (a) to (d) shall be displayed on the packaging in the direction meant to face prospective buyer; for other items this is also recommended, if space permits   | n/a                            |
| For light sources that can be set to emit light with different characteristics, the information shall be reported for the reference control settings. In addition, a range of obtainable values may be indicated  | n/a                            |
| The information does not need to use the exact wording on the list above. Alternatively, it may be displayed in the form of graphs, drawings or symbols   | n/a                            |