

Product Information Sheet

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

Supplier's name or trade mark: GP

Supplier's address: GP, 6/F Building 16W, 16 Science Park West Avenue, Hong Kong Science Park, New Territories, Hong Kong

Model identifier: 087687-LDB3

Type of light source:

| | | | |
|---|-----|---------------------------------|------|
| Lighting technology used: | LED | Non-directional or directional: | NDLS |
| Light source cap-type (or other electric interface) | E27 | | |
| 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 |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|----------------------|--|------------------------|
| Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer | 9 | Energy efficiency class | F |
| Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 806 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 | 2 700 |
| On-mode power (P_{on}), expressed in W | 8,6 | 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 | Height | Spectral power distribution in the | See image in last page |
| | Width | | |
| | | | 60 |

| | | | | |
|---|-------|---------------------------------------|--------------------------------------|-------|
| without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | Depth | 60 | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power ^(a) | | Yes | If yes, equivalent power (W) | 60 |
| | | | Chromaticity coordinates (x and y) | 0,458 |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 80 | Survival factor | | 0,90 |
| the lumen maintenance factor | 0,93 | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ_1) | 0,70 | 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;

Spectrum

