

Product Information Sheet

Supplier's name or trade mark: Arlec Electrical Company Limited

Supplier's address : - Unit 18, Cromwell Business Park, Howard way, Newport Pagnell,
MK16 9QS United Kingdom

Model identifier: SL0544GB

Type of light source:

| | | | |
|---|------|---------------------------------|-----|
| Lighting technology used: | LED | Non-directional or directional: | DLS |
| 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 |

Product parameters

| Parameter | Value | Parameter | Value |
|-----------|-------|-----------|-------|
|-----------|-------|-----------|-------|

General product parameters:

| | | | |
|--|-------------------------------|--|--|
| Energy consumption in on-mode (kWh/1000 h) | 5 | 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°) | 410 in a 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 | 3000 |
| On-mode power (P_{on}), expressed in W | 4,2 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | - |
| 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 | 82 |
| Outer dimensions without | Height | 1 | Spectral power distribution in the See image in last page |
| | Width | 1 | |
| | Depth | 1 | |

| | | | |
|---|-----|--|------------------|
| separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) | | range 250 nm to 800 nm, at full-load | |
| Claim of equivalent power ^(a) | - | If yes, equivalent power (W) | - |
| | | Chromaticity coordinates (x and y) | 0,4395 0,4113 |
| Parameters for directional light sources: | | | |
| Peak luminous intensity (cd) | 570 | Beam angle in degrees, or the range of beam angles that can be set | 52 |
| Parameters for LED and OLED light sources: | | | |
| R9 colour rendering index value | 8 | Survival factor | |
| the lumen maintenance factor | | | |
| Parameters for LED and OLED mains light sources: | | | |
| displacement factor (cos ϕ_1) | | Colour consistency in McAdam ellipses | 4,5 |
| 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) | | Stroboscopic effect metric (SVM) | |

(Example for Spectral diagram)

