

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: UC454GB

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: | 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) | 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°) | 920 in a 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 | 3000 |
| On-mode power (P_{on}), expressed in W | 8,5 | Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0,028 |
| 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 | 83 |
| Outer dimensions without | Height | 30 | Spectral power distribution in the |
| | Width | 26 | |
| | Depth | 570 | |
| | | | See image in last page |

| | | | | |
|---|-------|--|--|------------------|
| 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) | 0,4364 0,4056 |
| Parameters for directional light sources: | | | | |
| Peak luminous intensity (cd) | - | | Beam angle in degrees, or the range of beam angles that can be set | - |
| Parameters for LED and OLED light sources: | | | | |
| R9 colour rendering index value | 7 | | Survival factor | - |
| the lumen maintenance factor | - | | | |
| Parameters for LED and OLED mains light sources: | | | | |
| displacement factor (cos ϕ_1) | 0,878 | | Colour consistency in McAdam ellipses | 3,4 |
| 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) | 0,024 | | Stroboscopic effect metric (SVM) | 0,004 |

(Example for Spectral diagram)

