

**Conrad Best.-Nr.****1221259****1221260****1221257****1221258**

|  |                |           |           |           |  |  |
|--|----------------|-----------|-----------|-----------|--|--|
| Data for directional Filament bulb:                      | GU10 AR111 50W | MR16 20W  | MR16 35W  | MR16 50W  |  |  |
| File-number  | 97029C84       | 97029C83A | 97029C83B | 97029C83C |  |  |
| Bulb material  | Glass          | Glass     | Glass     | Glass     |  |  |
| Nominal-voltage (V)                                      | 230V           | 12V       | 12V       | 12V       |  |  |
| Nominal-power-consumption (W)                            | 50w            | 20w       | 35w       | 50w       |  |  |
| Rated power consumption (W) *)                           | 50w            | 20w       | 35w       | 50w       |  |  |
| Nominal-current-consumption (mA)                         | 217ma          | 1667ma    | 2917ma    | 4167ma    |  |  |
| Nominal-frequency (Hz) or DC                             | 50/60Hz        | 50/60Hz   | 50/60Hz   | 50/60Hz   |  |  |
| Nominal-luminous flux (lm)                               | 800            | 320       | 560       | 800       |  |  |
| Rated useful luminous flux (lm)                          | 790            | 270       | 500       | 790       |  |  |
| Nominal-lifetime (h)                                     | 1500           | 3000      | 3000      | 3000      |  |  |
| Rated-lifetime (h)                                       | 1000-1500      | 2500-3000 | 2500-3000 | 2500-3000 |  |  |
| Nominal beam angle (°)                                   | 24             | 36        | 36        | 36        |  |  |
| Rated beam angle (°)                                     | 24             | 30-36     | 30-36     | 30-36     |  |  |
| Rated peak intensity (cd)                                | 2000           | 1000      | 1500      | 2200      |  |  |
| Colour temperature (K)                                   | 2700-3000      | 2700-3000 | 2700-3000 | 2700-3000 |  |  |
| Lumen maintenance factor at the end of the nominal life  | 85%            | 85%       | 85%       | 85%       |  |  |
| Socket   | GU10           | GU5.3     | GU5.3     | GU5.3     |  |  |
| Spectral power distribution in the range 180-800 nm      | /              | /         | /         | /         |  |  |
| Weighted energy consumption (Ec) in kWh / 1000 h         | 50 KWH         | 20 KWH    | 35 KWH    | 50 KWH    |  |  |
| Number of switching cycles before premature lamp failure | 10000          | 10000     | 10000     | 10000     |  |  |

|  |              |             |             |             |  |  |
|--|--------------|-------------|-------------|-------------|--|--|
| Intended for use in outdoor application (Y / N)                            | N            | N           | N           | N           |  |  |
| Intended for use in industrial application (Y / N)                         | N            | N           | N           | N           |  |  |
| Suitable for accent lighting (Y / N)<br>See EC regulation 1194/2012; 3.1.2 | Y            | Y           | Y           | Y           |  |  |
| Energy efficiency class according 874/2012/EC                              | C            | C           | C           | C           |  |  |
| Indication to type lamp<br>See EC regulation 1194/2012; 3.1.2 I            | Y            | Y           | Y           | Y           |  |  |
| Ambient temperature (Ta in °C)   | -20 °C~40°C  | -20 °C~40°C | -20 °C~40°C | -20 °C~40°C |  |  |
| UV protection  | YES          | YES         | YES         | YES         |  |  |
| Bulb dimension (Ø x length in mm)  | φ111*72 (mm) | φ51*45 (mm) | φ51*45 (mm) | φ51*45 (mm) |  |  |
| Bulb weight (g)  | 20           | 4           | 4           | 4           |  |  |

Legend:

a) A 'rated' value means a quantity value for a characteristic of a product for operating conditions specified in this Regulation or in applicable standards. This value is usually described in a range, e.g.: 220V – 240V ACRate

b) A 'nominal' value means an approximate quantity value used to designate or identify a product.

This is usually described in specific value (not in a range), e.g.: 230V

Nominal