

GU5.3 MR16 Specification

| Sales code | LMR165GU53/ 827A25A | LMR165GU53/ 827A40A | LMR167GU53/ 827A25A | LMR167GU53/ 827A40A | LMR167GU53/ 827A60A | LMR167GU53D/ 827A25A | LMR167GU53D/ 827A40A | LMR167GU53D/ 827A60A |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Rated voltage (V) | 220-240 | 220-240 | 220-240 | 220-240 | 220-240 | 220-240 | 220-240 | 220-240 |
| Rated frequency (Hz) | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 |
| Power factor | 0.55 | 0.55 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 | 0.70 |
| Rated power (W) | 5.0W | 5.0W | 7.0W | 7.0W | 7.0W | 7.0W | 7.0W | 7.0W |
| Power consumption | 5kWh/ 1000h | 5kWh/ 1000h | 7kWh/ 1000h | 7kWh/ 1000h | 7kWh/ 1000h | 7kWh/ 1000h | 7kWh/ 1000h | 7kWh/ 1000h |
| Rated luminous flux (lm) | 260 lm | 260 lm | 360 lm | 360 lm | 360 lm | 360 lm | 360 lm | 360 lm |
| Lamp cap | GU5.3 | GU5.3 | GU5.3 | GU5.3 | GU5.3 | GU5.3 | GU5.3 | GU5.3 |
| Equivalent incandescent lamp power | 35W | 35W | 50W | 50W | 50W | 50W | 50W | 50W |
| Beam angle | 25° | 40° | 25° | 40° | 25° | 40° | 25° | 40° |
| Rated peak intensity (cd) | 1300 | 430 | 1500 | 600 | 1500 | 600 | 1500 | 600 |
| Luminous maintenance factor at the end of the nominal life | 70% | 70% | 70% | 70% | 70% | 70% | 70% | 70% |
| Nominal life time (h) | 25000 | 25000 | 25000 | 25000 | 25000 | 25000 | 25000 | 25000 |
| Rated lamp life time (h) | 25000 | 25000 | 25000 | 25000 | 25000 | 25000 | 25000 | 25000 |
| Starting time (s) | 0.3s | 0.3s | 0.3s | 0.3s | 0.3s | 0.3s | 0.3s | 0.3s |
| Warm-up time | Instant full light | Instant full light | Instant full light | Instant full light | Instant full light | Instant full light | Instant full light | Instant full light |
| Number of switching cycles before premature failure | 50000 | 50000 | 50000 | 50000 | 50000 | 50000 | 50000 | 50000 |
| Colour temperature (K) | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 |
| Colour consistency | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse | <6 steps MacAdam ellipse |
| Dimmable / non-dimmable | Non-dimmable | Non-dimmable | Non-dimmable | Non-dimmable | Non-dimmable | Non-dimmable | Non-dimmable | Non-dimmable |
| Operating ambient temperature (°C) | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C | -20°C to +40°C |
| Colour rendering (Ra) | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Dimension(mm) | Φ50×49 | Φ50×49 | Φ50×49 | Φ50×49 | Φ50×49 | Φ50×49 | Φ50×49 | Φ50×49 |

