## **GP** Lighting

## **Product Data Sheet**

## GP LD MR16 GU5.3 5.2-35W W

| ===aaa   Ba=   | EAN                  | Packaging - SKU  |   |
|--|----------------------|--|---|
| 777923-LDCE1   | 4986149077923        | Eco blister, 1 pc/SKU  |   |
|  |                      |  |   |
|  |                      |  |   |
|  |                      |  |   |
| Product  |                      |  |   |
| Category   |                      | LED Lamps  |   |
| Series   |                      | REFLECTOR MR16 (12V)   | GP  |
| Model  |                      | MP16 CU5 3   | U U   |
| Description  |                      | GP LD MR16 GU5.3 5.2-35W 12V 36D CE1   |   |
| Description  |                      | GP LD WR 10 GUS.3 5.2-35W 12V 30D CE 1   |   |
| General descriptio   | n                    |  |   |
| Energy label   |                      | A+   |   |
| Lamp shape   |                      | Reflector  |   |
| Lamp base  |                      | GU5.3  |   |
| Dimmable   |                      | No   |   |
| Mercury free   |                      | Yes  |   |
| Mercury content  |                      | 0.0 mg   |   |
| Recycling  |                      | Yes  |   |
| Electrical characteristics   |                      |  | <b>25</b> 0   |
| Nominal wattage  |                      | 5.2 W ±10%   |   |
|  |                      | 5.2 W ±10%   | 4_  |
| Rated wattage  | mp power             | 35 W   | 46  |
| Equivalent halogen lar<br>Power factor   | rip power            | >0.5   |   |
|  |                      |  | Connectival Distribution  |
| Voltage  |                      | 12 V   | Spectral Distribution   |
| Operating frequency  |                      | 50/60Hz  | 1.2   |
| Lamp current<br>Weighted Energy Con  |                      | 433 mA<br>6 KWh / 1000 h   | 1.0-  |
| Light technical characteristics  |                      | 0.0-   |   |
|  | aracteristics        |  |   |
| Light colour   | aracteristics        | WARM WHITE   |   |
| Light colour Colour temperature  |                      | 2700 K ±270K   | ## 0.6-<br>   |
| Light colour Colour temperature Colour rendering index   |                      | 2700 K ±270K<br>>80  | # 0.6 - 0.4 - 0.2 -   |
| Light colour Colour temperature Colour rendering index Colour consistency  | (Ra)                 | 2700 K ±270K<br>>80<br><6 SDCM   | 0.4<br>0.2  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux  | (Ra)                 | 2700 K ±270K<br>>80<br><6 SDCM<br>345 Im ±10%  | # 0.6 - 0.4 - 0.2 -   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux  | (Ra)                 | 2700 K ±270K<br>>80<br><6 SDCM<br>345 Im ±10%<br>345 Im  | 0.4<br>0.2<br>0.380 500 Wavelength (rm)   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity   | (Ra)                 | 2700 K ±270K<br>>80<br><6 SDCM<br>345 lm ±10%<br>345 lm<br>cd  | 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity  | s (Ra)               | 2700 K ±270K<br>>80<br><6 SDCM<br>345 lm ±10%<br>345 lm<br>cd<br>cd  | GP LED Reflectors are designed for true direct replacement of standard  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa   | s (Ra)               | 2700 K ±270K<br>>80<br><6 SDCM<br>345 Im ±10%<br>345 Im<br>cd<br>cd<br>cd<br>≥0.7                          | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle   | s (Ra)               | 2700 K ±270K<br>>80<br><6 SDCM<br>345 Im ±10%<br>345 Im<br>cd<br>cd<br>cd<br>≥0.7                          | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  • With compatible shapes & sizes   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle  | s (Ra)               | 2700 K ±270K<br>>80<br><6 SDCM<br>345 Im ±10%<br>345 Im<br>cd<br>cd<br>cd<br>≥0.7                          | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%)   | s (Ra)               | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd ≥0.7 36° 36° Instant s                                | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%)   | s (Ra)               | 2700 K ±270K<br>>80<br><6 SDCM<br>345 Im ±10%<br>345 Im<br>cd<br>cd<br>cd<br>≥0.7<br>36°<br>36°            | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time   | s (Ra)               | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd ≥0.7 36° 36° Instant s                                | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time   | s (Ra)               | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd ≥0.7 36° 36° Instant s                                | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time   | s (Ra)               | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd 36° 36° Instant s <0.5s s                             | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output   |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time  | s (Ra)               | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd >20.7 36° 36° Instant s <0.5s s                       | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output  No UV  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles   | actor at end of life | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd 36° 36° Instant s <0.5s s                             | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output  No UV  Applications  Domestic and commercial applications  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles   | actor at end of life | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd 36° Instant s <0.5s s  15000 h 15000 h 50000          | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output  No UV  Applications  Domestic and commercial applications  General illumination  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimension Overall length (L)   | actor at end of life | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd 20.7 36° 36° Instant s <0.5s s  15000 h 15000 h 50000 | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output  No UV  Applications  Domestic and commercial applications  General illumination  Can be used everywhere at home                                    |
| Light technical challight colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Luminous intensity Lumen maintenance fa Nominal beam angle Rated beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimension Overall length (L) Diameter (D) | actor at end of life | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd 36° Instant s <0.5s s  15000 h 15000 h 50000          | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output  No UV  Applications  Domestic and commercial applications  General illumination  |
| Light colour Colour temperature Colour rendering index Colour consistency Nominal luminous flux Rated luminous flux Rated peak intensity Luminous intensity Lumen maintenance fa Nominlal beam angle Rated beam angle Warm-up time (60%) Starting time  Lifespan Nominal life time Rated lamp life time Switching Cycles  Product dimension Overall length (L)   | actor at end of life | 2700 K ±270K >80 <6 SDCM 345 Im ±10% 345 Im cd cd cd 20.7 36° 36° Instant s <0.5s s  15000 h 15000 h 50000 | GP LED Reflectors are designed for true direct replacement of standard halogen lamps.  With compatible shapes & sizes  Very low energy consumption  Extremely long life  Emit a warm white or cold white light for different ambience  Instant start with full light output  No UV  Applications  Domestic and commercial applications  General illumination  Can be used everywhere at home  Use outdoors only in enclosed and |

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