

## RefLED Superia Retro MR16

RefLED Superia Retro MR16 V2 425LM 865 36° SL

0029232



### Product features

- Compact, energy efficient and exceptional value for money product
- Same shape and size as halogen MR16 lamp
- Compact Cluster SMD technology enabling high efficiency with halogen look
- Reduced visible heat sink from the front
- Available in 36 degree
- High lumen efficacy
- 12V AC/DC
- 25,000 hours average rated life
- 3 years warranty



## PRODUCT OVERVIEW

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Product name                    | RefLED Superia Retro MR16 V2 425LM 865 36° SL  |
| Technology                      | LED                                            |
| Watt (Rated) (W)                | 4.6                                            |
| Type                            | LED exchangeable                               |
| Cap/Base                        | GU5.3                                          |
| Fixture rating                  | Open                                           |
| General application             | Hospitality, Education, Residential & Consumer |
| ETIM Class                      | EC001959                                       |
| E-number FI                     | 4741112                                        |
| Warranty                        | 3 years                                        |
| Colour temperature (K)          | 6500                                           |
| Light colour                    | Daylight                                       |
| CRI (Ra)                        | 80                                             |
| Colour Variation Initial (SDCM) | SDCM6                                          |
| Colour Consistency (SDCM)       | 6                                              |
| Beam Angle (°)                  | 36                                             |
| Photobiological Risk Group      | RG1                                            |
| Wattage (W)                     | 4.6                                            |
| Product Voltage (V)             | 12                                             |
| Dimmable                        | No                                             |
| Average life (Nominal) (h)      | 25000                                          |
| Product EAN number              | 5410288292328                                  |

## DATA TABLE

### General data

|                  |                                               |
|------------------|-----------------------------------------------|
| Product name     | RefLED Superia Retro MR16 V2 425LM 865 36° SL |
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|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| General application                     | Hospitality, Education, Residential & Consumer |
| Operating temperature range (°C)        | -20°C...+40°C                                  |
| Performance ambient temperature Tq (°C) | 25                                             |
| ETIM Class                              | EC001959                                       |
| E-number FI                             | 4741112                                        |
| Warranty                                | 3 years                                        |

### Optical data

|                                              |          |
|----------------------------------------------|----------|
| Colour temperature (K)                       | 6500     |
| Light colour                                 | Daylight |
| CRI (Ra)                                     | 80       |
| Colour Variation Initial (SDCM)              | SDCM6    |
| Colour Consistency (SDCM)                    | 6        |
| Luminous Intensity (cd)                      | 900      |
| Beam Angle (°)                               | 36       |
| Photobiological Risk Group                   | RG1      |
| Lumen maintenance at end of nominal life (%) | 70       |

### Electrical data

|                                                   |        |
|---------------------------------------------------|--------|
| Wattage (W)                                       | 4.6    |
| Equivalent watt (W)                               | 40     |
| Product Voltage (V)                               | 12     |
| Control gear required                             | No     |
| No. Of switching cycles before premature failures | >50000 |
| Transformer required                              | Yes    |
| Dimmable                                          | No     |
| Lamp Energy Label (class)                         | E      |

### Lifetime data

|                            |       |
|----------------------------|-------|
| Lifespan L70 B50           | 25000 |
| Average life (Nominal) (h) | 25000 |
| Average life (Rated) (h)   | 25000 |

### Physical data

|                               |       |
|-------------------------------|-------|
| Nominal Product Length (mm)   | 44    |
| Nominal Product Diameter (mm) | 50    |
| Weight (kg)                   | 0.035 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288292328  |
| Packaging single length / height (cm) | 8.2            |
| Packaging single width (cm)           | 6.1            |
| Packaging single depth (cm)           | 5.1            |
| DUN14 (inner)                         | 25410288292322 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 9.5            |

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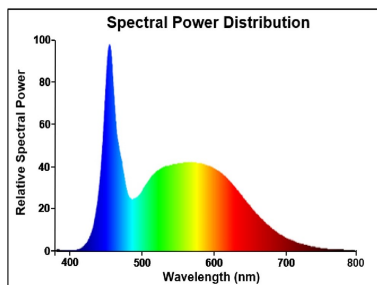
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|                                      |                |
|--------------------------------------|----------------|
| Packaging inner width (cm)           | 17.0           |
| Packaging inner depth (cm)           | 13.5           |
| DUN14 (outer)                        | 15410288292325 |
| Units per outer package              | 36             |
| Packaging outer length / height (cm) | 20.0           |
| Packaging outer width (cm)           | 41.5           |
| Packaging outer depth (cm)           | 18.0           |

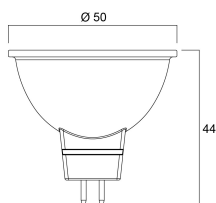
### Safety data

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Optimal operating condition (°C)    | -20-40                                     |
| Breakage cleaning instructions      | Not applicable                             |
| Special purpose lamp                | No                                         |
| Dry applications use only           | Yes                                        |
| Suitable for household illumination | Yes                                        |
| Safety message                      | Not Suitable for totally enclosed fixtures |

## PHOTOMETRY



## TECHNICAL DRAWINGS



## RefLED Superia Retro MR16

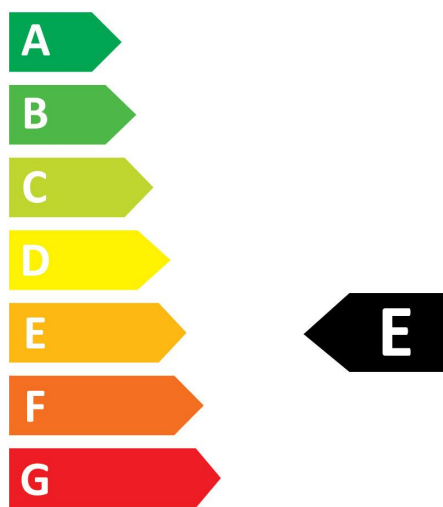
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**5**  
kWh/1000h



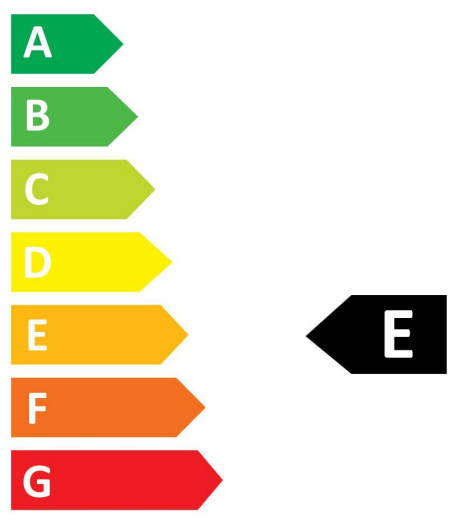
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**ENERG**

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5

kWh/1000h



2019/2015