



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 345LM 830 36° SL  |
| Technology                      | LED                                            |
| Watt (Rated) (W)                | 4.3                                            |
| Type                            | LED exchangeable                               |
| Fixture rating                  | Open                                           |
| General application             | Education, Hospitality, Residential & Consumer |
| ETIM Class                      | EC001959                                       |
| E-number FI                     | 4741107                                        |
| Colour temperature (K)          | 3000                                           |
| Light colour                    | Warm White                                     |
| CRI (Ra)                        | 80                                             |
| Colour Consistency (SDCM)       | 6                                              |
| Colour Variation Initial (SDCM) | 6                                              |
| Beam Angle (°)                  | 36                                             |
| Photobiological Risk Group      | RG1                                            |
| Wattage (W)                     | 4.3                                            |
| Product Voltage (V)             | 12                                             |
| Dimmable                        | No                                             |
| Average life (Nominal) (h)      | 25000                                          |

## RefLED Superia Retro MR16 V2 345LM 830 36° SL 0029227

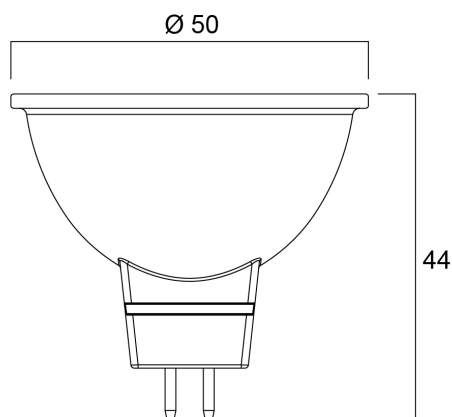
Product EAN number

5410288292274

Warranty

3 years

### Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| Product name                            | RefLED Superia Retro MR16 V2 345LM 830 36° SL  |
| Technology                              | LED                                            |
| Watt (Rated) (W)                        | 4.3                                            |
| Type                                    | LED exchangeable                               |
| Fixture rating                          | Open                                           |
| General application                     | Education, Hospitality, Residential & Consumer |
| Operating temperature range (°C)        | -20°C...+40°C                                  |
| Performance ambient temperature Tq (°C) | 25                                             |
| ETIM Class                              | EC001959                                       |
| E-number FI                             | 4741107                                        |
| Warranty                                | 3 years                                        |

#### OPTICAL DATA

## RefLED Superia Retro MR16 V2 345LM 830 36° SL 0029227

|                                              |            |
|----------------------------------------------|------------|
| Colour temperature (K)                       | 3000       |
| Light colour                                 | Warm White |
| CRI (Ra)                                     | 80         |
| Colour Consistency (SDCM)                    | 6          |
| Colour Variation Initial (SDCM)              | 6          |
| Luminous Intensity (cd)                      | 600        |
| Beam Angle (°)                               | 36         |
| Photobiological Risk Group                   | RG1        |
| Lumen maintenance at end of nominal life (%) | 70         |

### ELECTRICAL DATA

|                                                   |        |
|---------------------------------------------------|--------|
| Wattage (W)                                       | 4.3    |
| Equivalent watt (W)                               | 35     |
| 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)                         | F      |

### 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)                   | 0.032 |

### PACKAGING

## RefLED Superia Retro MR16 V2 345LM 830 36° SL 0029227

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288292274  |
| Packaging single length / height (cm) | 6.1            |
| Packaging single width (cm)           | 5.1            |
| Packaging single depth (cm)           | 8.2            |
| DUN14 (inner)                         | 25410288292278 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 19.6           |
| Packaging inner width (cm)            | 11.2           |
| Packaging inner depth (cm)            | 9.4            |
| DUN14 (outer)                         | 15410288292271 |
| Units per outer package               | 36             |
| Packaging outer length / height (cm)  | 35.5           |
| Packaging outer width (cm)            | 21.4           |
| Packaging outer depth (cm)            | 22.0           |

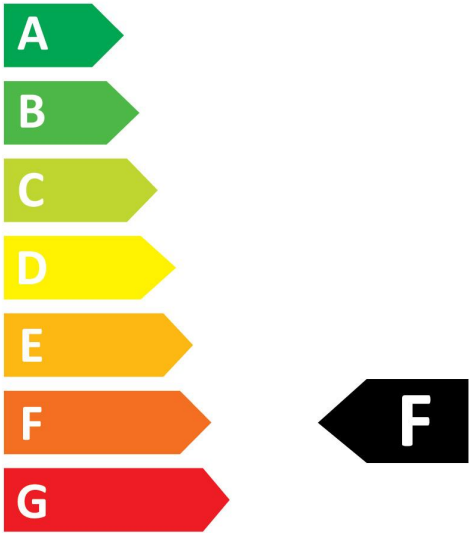
### SAFETY DATA

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| 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 |

Energy label



0029227



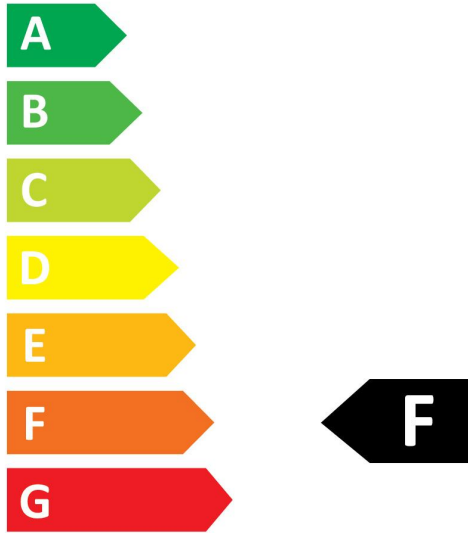
5  
kWh/1000h



2019/2015



0029227



5  
kWh/1000h



2019/2015