

# RefLED Superia Retro MR16 V2 345LM DIM 827 36 SL

Item No: 0029214

**SYLVANIA**



Premium performance professional LED MR16 range with the same look and feel of traditional halogen MR16 lamp. Recreates backlight effect similar to halogen dichroic lamps. Full glass design - means no colours clashing between lamp and fixture. Very long lifetime of up to 25,000 hours. Switching cycles: >100,000. Colour rendering: CRI80. Lamp voltage: 12V AC/DC. Dimmable on approved dimmers. Works with magnetic and compatible electronic transformers. Warranty: 5 Years

## Technical Assets

### Dimensions (mm)



### Photometrics

# RefLED Superia Retro MR16 V2 345LM DIM 827 36 SL

Item No: 0029214

**SYLVANIA**

## General data

|   |   |
|---|---|
| Product name                            | RefLED Superia Retro MR16 V2 345LM DIM 827 36 SL                                    |
| Technology                              | LED   |
| Watt (Rated) (W)                        | 4.4   |
| Fixture rating                          | Open  |
| General application                     | Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail |
| Operating temperature range (°C)        | -20°C...+40°C   |
| Performance ambient temperature Tq (°C) | 25  |
| ETIM Class                              | EC001959  |
| Warranty                                | 5 years   |

## Optical data

|  |           |
|--|-----------|
| Useful luminous flux ( $\Phi_{use}$ )        | 345       |
| Correlated colour temperature (k)            | 2700      |
| Light colour                                 | Homelight |
| CRI (Ra)                                     | 80        |
| Colour Consistency (SDCM)                    | 6         |
| Colour Variation Initial (SDCM)              | SDCM6     |
| Luminous Intensity (cd)                      | 800       |
| Beam Angle (°)                               | 36        |
| Photobiological Risk Group                   | RG1       |
| Lumen maintenance at end of nominal life (%) | 70        |

## Electrical data

|   |        |
|---|--------|
| Power consumption (W)                             | 4.4    |
| Wattage (W)                                       | 4.4    |
| Equivalent watt (W)                               | 35     |
| Primary Supply/Product voltage - min (V)          | 12     |
| Primary Supply/Product voltage - max (V)          | 12     |
| Control gear required                             | Yes    |
| No. Of switching cycles before premature failures | >50000 |
| Dimmable  | Yes    |
| Inrush Current (A)                                | 6.5    |
| Inrush Duration ( $\mu$ s)                        | 500    |
| 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)                   | 0.03 |

# RefLED Superia Retro MR16 V2 345LM DIM 827 36 SL

Item No: 0029214

**SYLVANIA**

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288292144  |
| Packaging single length / height (cm) | 6.1            |
| Packaging single width (cm)           | 5.1            |
| Packaging single depth (cm)           | 8.2            |
| DUN14 (inner)                         | 15410288292141 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 16.4           |
| Packaging inner width (cm)            | 13.2           |
| Packaging inner depth (cm)            | 9.3            |
| DUN14 (outer)                         | 25410288292148 |
| Units per outer package               | 36             |
| Packaging outer length / height (cm)  | 34.6           |
| Packaging outer width (cm)            | 28.2           |
| Packaging outer depth (cm)            | 20.8           |

## 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                      | Suitable for approved transf./dimmers |