

## RefLED Superia Retro MR16 DIMMABLE

RefLED Superia Retro MR16 V2 480LM DIM 840 36 SL  
0029220



### Product features

- 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



## PRODUCT OVERVIEW

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Product name                    | RefLED Superia Retro MR16 V2 480LM DIM 840 36 SL                                    |
| Technology                      | LED                                                                                 |
| Watt (Rated) (W)                | 5.8                                                                                 |
| Type                            | LED exchangeable                                                                    |
| Cap/Base                        | GU5.3                                                                               |
| Fixture rating                  | Open                                                                                |
| General application             | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| ETIM Class                      | EC001959                                                                            |
| E-number FI                     | 4741100                                                                             |
| Warranty                        | 5 years                                                                             |
| Colour temperature (K)          | 4000                                                                                |
| Light colour                    | Cool White                                                                          |
| CRI (Ra)                        | 80                                                                                  |
| Colour Variation Initial (SDCM) | SDCM6                                                                               |
| Colour Consistency (SDCM)       | 6                                                                                   |
| Beam Angle (°)                  | 36                                                                                  |
| Photobiological Risk Group      | RG1                                                                                 |
| Wattage (W)                     | 5.8                                                                                 |
| Product Voltage (V)             | 12                                                                                  |
| Dimmable                        | Yes                                                                                 |
| Average life (Nominal) (h)      | 25000                                                                               |
| Product EAN number              | 5410288292205                                                                       |

## DATA TABLE

### General data

|                  |                                                  |
|------------------|--------------------------------------------------|
| Product name     | RefLED Superia Retro MR16 V2 480LM DIM 840 36 SL |
| Technology       | LED                                              |
| Watt (Rated) (W) | 5.8                                              |
| Type             | LED exchangeable                                 |

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|                                         |                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------|
| Cap/Base                                | GU5.3                                                                               |
| Fixture rating                          | Open                                                                                |
| General application                     | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| Operating temperature range (°C)        | -20°C...+40°C                                                                       |
| Performance ambient temperature Tq (°C) | 25                                                                                  |
| ETIM Class                              | EC001959                                                                            |
| E-number FI                             | 4741100                                                                             |
| Warranty                                | 5 years                                                                             |

### Optical data

|                                              |            |
|----------------------------------------------|------------|
| Colour temperature (K)                       | 4000       |
| Light colour                                 | Cool White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Colour Consistency (SDCM)                    | 6          |
| Luminous Intensity (cd)                      | 1100       |
| Beam Angle (°)                               | 36         |
| Photobiological Risk Group                   | RG1        |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|                                                   |        |
|---------------------------------------------------|--------|
| Wattage (W)                                       | 5.8    |
| Equivalent watt (W)                               | 40     |
| Product Voltage (V)                               | 12     |
| Control gear required                             | No     |
| No. Of switching cycles before premature failures | >50000 |
| Transformer required                              | Yes    |
| Dimmable                                          | Yes    |
| Inrush Current (A)                                | 7.5    |
| Inrush Duration (µs)                              | 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 |

### Packaging

|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288292205 |
| Packaging single length / height (cm) | 6.1           |

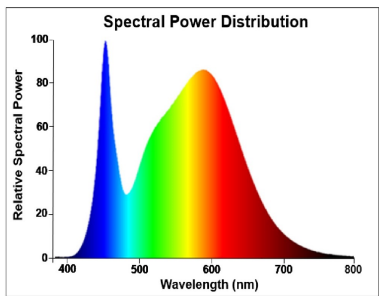
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|                                      |                |
|--------------------------------------|----------------|
| Packaging single width (cm)          | 5.1            |
| Packaging single depth (cm)          | 8.2            |
| DUN14 (inner)                        | 25410288292209 |
| 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)                        | 15410288292202 |
| Units per outer package              | 48             |
| Packaging outer length / height (cm) | 34.6           |
| Packaging outer width (cm)           | 28.2           |
| Packaging outer depth (cm)           | 20.8           |

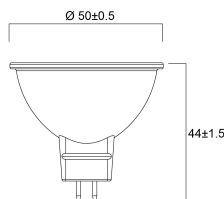
Safety data

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

PHOTOMETRY



TECHNICAL DRAWINGS

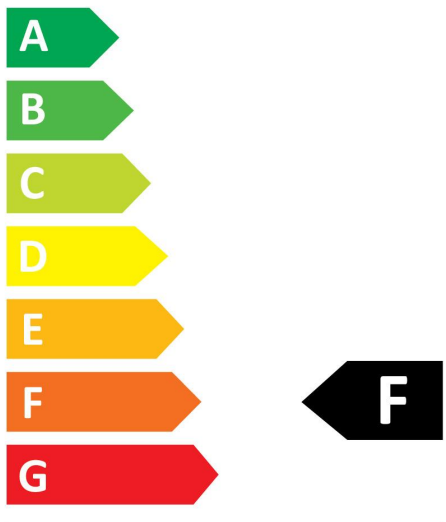


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**ENERG**

**SYLVANIA**

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**6**  
kWh/1000h

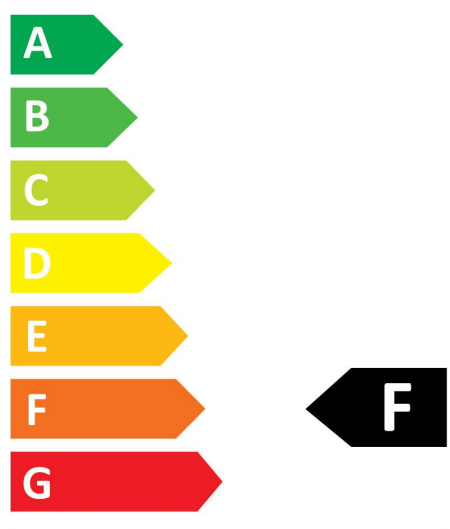


2019/2015

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**6**  
kWh/1000h

