

## RefLED Retro Superia ES50 DIMMABLE

*RefLED Superia Retro ES50 V3 360LM DIM 865 36 SL*  
0029130



### Product features

- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 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
- COOLFIT functionality - ensures overheat and over temperature protection
- High switching cycles: >100,000
- High colour rendering: CRI80
- Dimmable with approved dimmers
- Warranty: 5 Years



## PRODUCT OVERVIEW

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Product name                    | RefLED Superia Retro ES50 V3 360LM DIM 865 36 SL                                    |
| Technology                      | LED                                                                                 |
| Watt (Rated) (W)                | 4.5                                                                                 |
| Type                            | LED exchangeable                                                                    |
| Cap/Base                        | GU10                                                                                |
| Fixture rating                  | Open                                                                                |
| General application             | Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail |
| ETIM Class                      | EC001959                                                                            |
| E-number FI                     | 4741024                                                                             |
| Warranty                        | 5 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)                     | 4.5                                                                                 |
| Product Voltage (V)             | 230                                                                                 |
| Dimmable                        | Yes                                                                                 |
| Average life (Nominal) (h)      | 25000                                                                               |
| Product EAN number              | 5410288291307                                                                       |

## DATA TABLE

### General data

|                  |                                                  |
|------------------|--------------------------------------------------|
| Product name     | RefLED Superia Retro ES50 V3 360LM DIM 865 36 SL |
| Technology       | LED                                              |
| Watt (Rated) (W) | 4.5                                              |
| Type             | LED exchangeable                                 |
| Cap/Base         | GU10                                             |

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|                                                     |                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| Fixture rating                                      | Open                                                                                |
| General application                                 | Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail |
| Operating temperature range (°C)                    | -20°C...+50°C                                                                       |
| Performance ambient temperature T <sub>q</sub> (°C) | 25                                                                                  |
| ETIM Class                                          | EC001959                                                                            |
| E-number FI                                         | 4741024                                                                             |
| Warranty                                            | 5 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)                      | 750      |
| Beam Angle (°)                               | 36       |
| Photobiological Risk Group                   | RG1      |
| Lumen maintenance at end of nominal life (%) | 70       |

### Electrical data

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 4.5     |
| Equivalent watt (W)                               | 50      |
| Product Voltage (V)                               | 230     |
| Control gear required                             | No      |
| No. Of switching cycles before premature failures | >100000 |
| Transformer required                              | No      |
| Dimmable                                          | Yes     |
| Inrush Current (A)                                | 0.55    |
| Inrush Duration (µs)                              | 32      |
| Lamp Energy Label (class)                         | F       |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. Luminaires per 16A C Breaker                 | 762     |
| Max. Luminaires per 16A B Breaker                 | 762     |

### Lifetime data

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

### Physical data

|                               |      |
|-------------------------------|------|
| Nominal Product Height (mm)   | 54   |
| Nominal Product Diameter (mm) | 50   |
| Weight (kg)                   | 0.05 |

### Packaging

|                       |        |
|-----------------------|--------|
| Single packaging type | Carton |
|-----------------------|--------|

## RefLED Retro Superia ES50 DIMMABLE

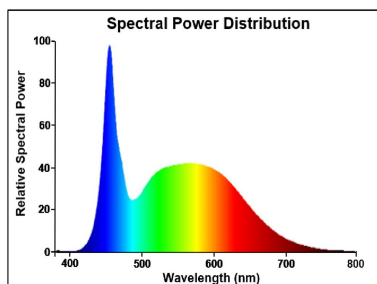
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|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288291307  |
| Packaging single length / height (cm) | 8.2            |
| Packaging single width (cm)           | 6.1            |
| Packaging single depth (cm)           | 5.1            |
| DUN14 (inner)                         | 25410288291301 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 9.2            |
| Packaging inner width (cm)            | 16.4           |
| Packaging inner depth (cm)            | 13.1           |
| DUN14 (outer)                         | 15410288291304 |
| Units per outer package               | 60             |
| Packaging outer length / height (cm)  | 20.8           |
| Packaging outer width (cm)            | 17.8           |
| Packaging outer depth (cm)            | 68.5           |

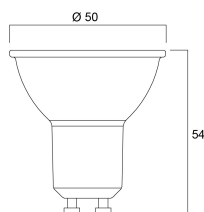
### Safety data

|                                     |                                |
|-------------------------------------|--------------------------------|
| Optimal operating condition (°C)    | -20-50                         |
| Breakage cleaning instructions      | Not applicable                 |
| Special purpose lamp                | No                             |
| Dry applications use only           | Yes                            |
| Suitable for household illumination | Yes                            |
| Safety message                      | Dimmable with approved dimmers |

## PHOTOMETRY



## TECHNICAL DRAWINGS

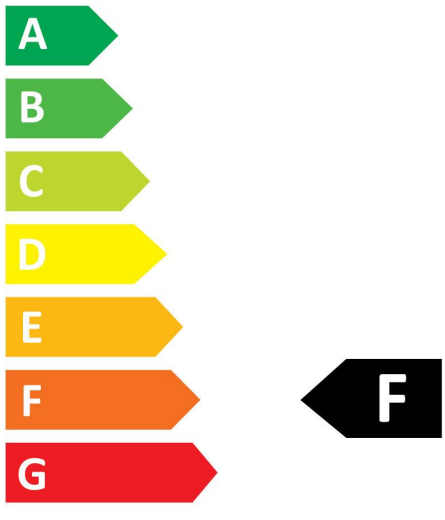


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**SYLVANIA**

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**5**  
kWh/1000h

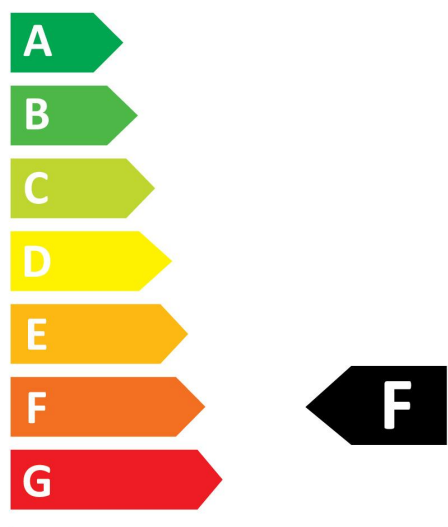


2019/2015

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**5**  
kWh/1000h



2019/2015