

# RefLED Superia Retro ES50 V3 360LM 840 36 SL

Item No: 0029109

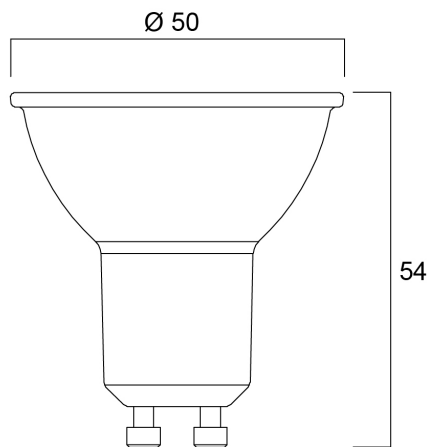
**SYLVANIA**



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 Non dimmable Warranty: 5 Years

## Technical Assets

### Dimensions (mm)



### Photometrics

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## General data

|                                         |                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------|
| Product name                            | RefLED Superia Retro ES50 V3 360LM 840 36 SL                                        |
| Technology                              | LED                                                                                 |
| Watt (Rated) (W)                        | 4                                                                                   |
| Cap/Base                                | GU10                                                                                |
| Fixture rating                          | Open                                                                                |
| General application                     | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| Operating temperature range (°C)        | -20°C...+50°C                                                                       |
| Performance ambient temperature Tq (°C) | 25                                                                                  |
| ETIM Class                              | EC001959                                                                            |
| E-number FI                             | 4741040                                                                             |
| Warranty                                | 5 years                                                                             |

## Optical data

|                                              |            |
|----------------------------------------------|------------|
| Useful luminous flux ( $\Phi_{use}$ )        | 360        |
| Correlated colour temperature (k)            | 4000       |
| Light colour                                 | Cool White |
| 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

|                                                   |         |
|---------------------------------------------------|---------|
| Power consumption (W)                             | 4       |
| Wattage (W)                                       | 4       |
| Equivalent watt (W)                               | 50      |
| Primary Supply/Product voltage - min (V)          | 220     |
| Primary Supply/Product voltage - max (V)          | 240     |
| Control gear required                             | No      |
| No. Of switching cycles before premature failures | >100000 |
| Dimmable                                          | No      |
| Inrush Current (A)                                | 3.4     |
| Inrush Duration ( $\mu$ s)                        | 232     |
| Lamp Energy Label (class)                         | F       |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. products per 16A C Breaker                   | 282     |
| Max. products per 16A B Breaker                   | 169     |

## 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)                   | 0.042 |

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## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288291093  |
| Packaging single length / height (cm) | 8.2            |
| Packaging single width (cm)           | 6.1            |
| Packaging single depth (cm)           | 5.1            |
| DUN14 (inner)                         | 15410288291090 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 19.4           |
| Packaging inner width (cm)            | 11.3           |
| Packaging inner depth (cm)            | 9.5            |
| DUN14 (outer)                         | 25410288291097 |
| Units per outer package               | 60             |
| Packaging outer length / height (cm)  | 58.8           |
| Packaging outer width (cm)            | 21.8           |
| Packaging outer depth (cm)            | 21.7           |

## 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                      | None           |