

## RefLED ES50

RefLED ES50 V6 230LM 840 36 SL

0029157



### Product features

- Compact, energy efficient and exceptional value LED GU10 lamp
- Same shape and size as halogen GU10 lamp
- Compact Cluster SMD technology enabling high efficiency with halogen look
- Reduced visible heat sink from the front
- Available in 36 degree beam angle
- High lumen efficacy
- 15,000 hours average rated life
- 3 years warranty



## PRODUCT OVERVIEW

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Product name                    | RefLED ES50 V6 230LM 840 36 SL                                                      |
| Technology                      | LED                                                                                 |
| Watt (Rated) (W)                | 3.1                                                                                 |
| Type                            | LED exchangeable                                                                    |
| Cap/Base                        | GU10                                                                                |
| Fixture rating                  | Open                                                                                |
| General application             | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| E-number FI                     | 4741055                                                                             |
| Warranty                        | 3 years                                                                             |
| Colour temperature (K)          | 4000                                                                                |
| Light colour                    | Cool White                                                                          |
| Colour Variation Initial (SDCM) | SDCM6                                                                               |
| Colour Consistency (SDCM)       | 6                                                                                   |
| Beam Angle (°)                  | 36                                                                                  |
| Photobiological Risk Group      | RG1                                                                                 |
| Product Voltage (V)             | 230                                                                                 |
| Dimmable                        | No                                                                                  |
| Average life (Nominal) (h)      | 15000                                                                               |
| Product EAN number              | 5410288291574                                                                       |

## DATA TABLE

### General data

|                  |                                |
|------------------|--------------------------------|
| Product name     | RefLED ES50 V6 230LM 840 36 SL |
| Technology       | LED                            |
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| General application                     | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| Operating temperature range (°C)        | -20°C...+40°C                                                                       |
| Performance ambient temperature Tq (°C) | 25                                                                                  |
| E-number FI                             | 4741055                                                                             |
| Warranty                                | 3 years                                                                             |

### Optical data

|                                              |            |
|----------------------------------------------|------------|
| Colour temperature (K)                       | 4000       |
| Light colour                                 | Cool White |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Colour Consistency (SDCM)                    | 6          |
| Luminous Intensity (cd)                      | 460        |
| Beam Angle (°)                               | 36         |
| Photobiological Risk Group                   | RG1        |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|                                   |         |
|-----------------------------------|---------|
| Equivalent watt (W)               | 35      |
| Product Voltage (V)               | 230     |
| Control gear required             | No      |
| Transformer required              | No      |
| Dimmable                          | No      |
| Inrush Current (A)                | 2.5     |
| Lamp Energy Label (class)         | F       |
| Nominal Frequency (Hz)            | 50/60Hz |
| Max. Luminaires per 16A B Breaker | 173     |

### Lifetime data

|                            |       |
|----------------------------|-------|
| Lifespan L70 B50           | 15000 |
| Average life (Nominal) (h) | 15000 |
| Average life (Rated) (h)   | 15000 |

### Physical data

|                               |       |
|-------------------------------|-------|
| Nominal Product Diameter (mm) | 50    |
| Weight (kg)                   | 0.035 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288291574  |
| Packaging single length / height (cm) | 8.2            |
| Packaging single width (cm)           | 6.1            |
| Packaging single depth (cm)           | 5.1            |
| DUN14 (inner)                         | 25410288291578 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 9.2            |
| Packaging inner width (cm)            | 16.4           |
| Units per outer package               | 60             |

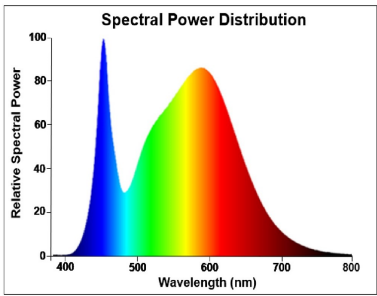
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|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 17.8 |
| Packaging outer depth (cm) | 68.5 |

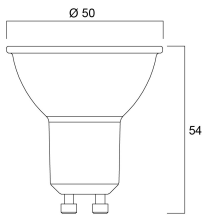
Safety data

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| Optimal operating condition (°C) | -20-40                                     |
| Breakage cleaning instructions   | Not applicable                             |
| Special purpose lamp             | No                                         |
| Dry applications use only        | Yes                                        |
| Safety message                   | Not Suitable for totally enclosed fixtures |

PHOTOMETRY



TECHNICAL DRAWINGS



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**ENERG**

**SYLVANIA**

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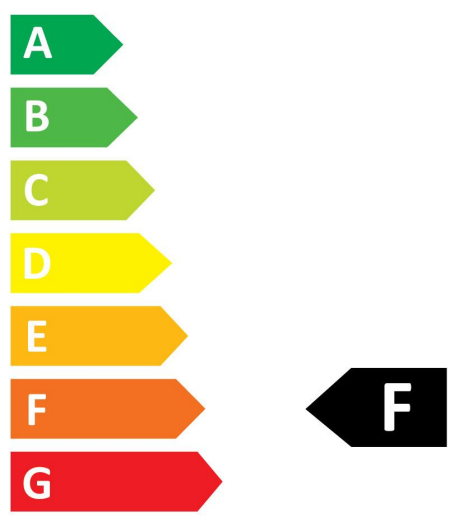
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kWh/1000h



2019/2015

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**4**  
kWh/1000h

