

RefLED R50  
RefLED R50 V4 470LM 830 E14 SL  
0029205



- Product features**
- Energy efficient LED alternative for traditional incandescent and halogen blown reflector lamp
  - Modern construction and attractive design
  - Mercury free solution
  - Long average rated lifetime: 15,000 hours
  - Lower maintenance cost compared to traditional lamps
  - Non-dimmable
  - 3 years warranty
  - Perfect for general lighting applications: residential lighting, down lights, hotels, hotels, restaurants, bars, lobbies, corridors, halls, etc



PRODUCT OVERVIEW

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Product name                    | RefLED R50 V4 470LM 830 E14 SL      |
| Technology                      | LED                                 |
| Watt (Rated) (W)                | 4.9                                 |
| Type                            | LED exchangeable                    |
| Cap/Base                        | E14                                 |
| Fixture rating                  | Open                                |
| General application             | Hospitality, Residential & Consumer |
| ETIM Class                      | EC001959                            |
| E-number FI                     | 4741085                             |
| Warranty                        | 3 years                             |
| Luminous flux (lm)              | 470                                 |
| Colour temperature (K)          | 3000                                |
| Light colour                    | Warm White                          |
| CRI (Ra)                        | 80                                  |
| Colour Variation Initial (SDCM) | SDCM6                               |
| Colour Consistency (SDCM)       | 6                                   |
| Beam Angle (°)                  | 120                                 |
| Photobiological Risk Group      | RG1                                 |
| Wattage (W)                     | 4.9                                 |
| Product Voltage (V)             | 230                                 |
| Dimmable                        | No                                  |
| Average life (Nominal) (h)      | 15000                               |
| Product EAN number              | 5410288292052                       |

DATA TABLE

General data

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|                                         |                                     |
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| Product name                            | RefLED R50 V4 470LM 830 E14 SL      |
| Technology                              | LED                                 |
| Watt (Rated) (W)                        | 4.9                                 |
| Type                                    | LED exchangeable                    |
| Cap/Base                                | E14                                 |
| Fixture rating                          | Open                                |
| General application                     | Hospitality, Residential & Consumer |
| Operating temperature range (°C)        | -20°C...+40°C                       |
| Performance ambient temperature Tq (°C) | 25                                  |
| ETIM Class                              | EC001959                            |
| E-number FI                             | 4741085                             |
| Warranty                                | 3 years                             |

### Optical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux (lm)                           | 470        |
| Colour temperature (K)                       | 3000       |
| Light colour                                 | Warm White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Colour Consistency (SDCM)                    | 6          |
| Beam Angle (°)                               | 120        |
| Photobiological Risk Group                   | RG1        |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 4.9     |
| Equivalent watt (W)                               | 40      |
| Product Voltage (V)                               | 230     |
| Control gear required                             | No      |
| No. Of switching cycles before premature failures | >50000  |
| Transformer required                              | No      |
| Dimmable                                          | No      |
| Inrush Current (A)                                | 1.5     |
| Inrush Duration (µs)                              | 240     |
| Lamp Energy Label (class)                         | F       |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. Luminaires per 16A C Breaker                 | 107     |
| Max. Luminaires per 16A B Breaker                 | 53      |

### Lifetime data

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

### Physical data

|                               |      |
|-------------------------------|------|
| Nominal Product Length (mm)   | 82.5 |
| Nominal Product Diameter (mm) | 50   |

## RefLED R50

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|             |       |
|-------------|-------|
| Weight (kg) | 0.024 |
|-------------|-------|

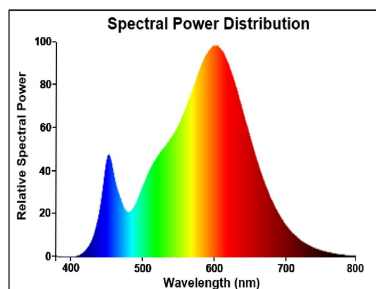
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288292052  |
| Packaging single length / height (cm) | 5.0            |
| Packaging single width (cm)           | 5.0            |
| Packaging single depth (cm)           | 8.3            |
| DUN14 (outer)                         | 15410288292059 |
| Units per outer package               | 6              |
| Packaging outer length / height (cm)  | 15.8           |
| Packaging outer width (cm)            | 10.7           |
| Packaging outer depth (cm)            | 9.1            |

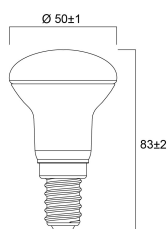
### Safety data

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| 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                      | Not Suitable for totally enclosed fixtures |

## PHOTOMETRY



## TECHNICAL DRAWINGS

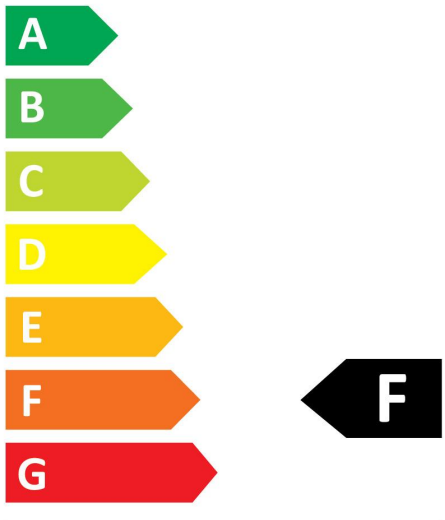


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**ENERG**

**SYLVANIA**

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**5**  
kWh/1000h

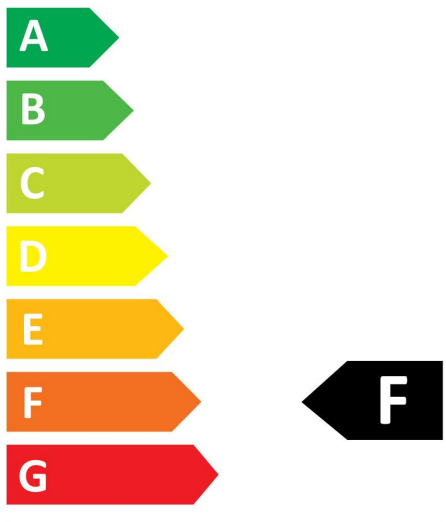


2019/2015

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**5**  
kWh/1000h



2019/2015