

## RefLED ES50

RefLED ES50 V5 345lm 830 36° SL

0027433



### Product features

- Compact, energy efficient and exceptional value for money product.
- 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
- High lumen efficacy
- 15,000 hours average rated life
- 3 years warranty



## PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| Product name                    | RefLED ES50 V5 345lm 830 36° SL   |
| Technology                      | LED   |
| Watt (Rated) (W)                | 4.2   |
| Cap/Base                        | GU10  |
| Fixture rating                  | Open  |
| General application             | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| ETIM Class                      | EC001959  |
| E-number FI                     | 4740462   |
| E-number SE                     | 8292495   |
| Warranty                        | 3 years   |
| Colour temperature (K)          | 3000  |
| Light colour                    | Warm White  |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | SDCM6   |
| Colour Consistency (SDCM)       | 6   |
| Beam Angle (°)                  | 36  |
| Wattage (W)                     | 4.2   |
| Average life (Nominal) (h)      | 15000   |
| Product EAN number              | 5410288274331   |

## DATA TABLE

### General data

|   |   |
|---|---|
| Product name                            | RefLED ES50 V5 345lm 830 36° SL   |
| Technology                              | LED   |
| Watt (Rated) (W)                        | 4.2   |
| Cap/Base                                | GU10  |
| Fixture rating                          | Open  |
| General application                     | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| Performance ambient temperature Tq (°C) | 25  |
| ETIM Class                              | EC001959  |

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|             |         |
|-------------|---------|
| E-number FI | 4740462 |
| E-number SE | 8292495 |
| Warranty    | 3 years |

### Optical data

|  |            |
|--|------------|
| Colour temperature (K)                       | 3000       |
| Light colour                                 | Warm White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Colour Consistency (SDCM)                    | 6          |
| Luminous Intensity (cd)                      | 770        |
| Beam Angle (°)                               | 36         |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|   |         |
|---|---------|
| Wattage (W)                                       | 4.2     |
| Starting time (max) (s)                           | 0.5     |
| Warm-up time to 60% of full light (max) (s)       | 1.0     |
| Lamp power factor                                 | 0.5     |
| No. Of switching cycles before premature failures | >50000  |
| Inrush Current (A)                                | 3.9     |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. products per 10A C Breaker                   | 14      |
| Max. products per 16A C Breaker                   | 23      |
| Max. products per 20A C Breaker                   | 28      |

### Lifetime data

|                            |       |
|----------------------------|-------|
| Average life (Nominal) (h) | 15000 |
| Average life (Rated) (h)   | 15000 |

### Physical data

|                               |       |
|-------------------------------|-------|
| Nominal Product Length (mm)   | 54    |
| Nominal Product Diameter (mm) | 50    |
| Weight (kg)                   | 0.022 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288274331  |
| Packaging single length / height (cm) | 6.1            |
| Packaging single width (cm)           | 5.2            |
| Packaging single depth (cm)           | 5.2            |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 16.7           |
| Packaging inner width (cm)            | 11.6           |
| Packaging inner depth (cm)            | 7.5            |
| DUN14 (outer)                         | 15410288274338 |
| Units per outer package               | 60             |

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|                                      |      |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 59.8 |
| Packaging outer width (cm)           | 18.7 |
| Packaging outer depth (cm)           | 17.1 |

### Safety data

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

## TECHNICAL DRAWINGS

