

RefLED ES50  
RefLED ES50 V6 345LM 840 36 SL3  
0029167



- 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 345LM 840 36 SL3                                                     |
| Technology                      | LED                                                                                 |
| Watt (Rated) (W)                | 4.2                                                                                 |
| Type                            | LED exchangeable                                                                    |
| Cap/Base                        | GU10                                                                                |
| Fixture rating                  | Open                                                                                |
| General application             | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| ETIM Class                      | EC001959                                                                            |
| Warranty                        | 3 years                                                                             |
| Colour temperature (K)          | 4000                                                                                |
| Light colour                    | Cool White                                                                          |
| CRI (Ra)                        | 80                                                                                  |
| Colour Variation Initial (SDCM) | SDCM6                                                                               |
| Colour Consistency (SDCM)       | 6                                                                                   |
| Beam Angle (°)                  | 36                                                                                  |
| Photobiological Risk Group      | RG1                                                                                 |
| Wattage (W)                     | 4.2                                                                                 |
| Dimmable                        | No                                                                                  |
| Average life (Nominal) (h)      | 15000                                                                               |
| Product EAN number              | 5410288291673                                                                       |

DATA TABLE

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| General data                     |                                                                                     |
| Product name                     | RefLED ES50 V6 345LM 840 36 SL3                                                     |
| Technology                       | LED                                                                                 |
| Watt (Rated) (W)                 | 4.2                                                                                 |
| Type                             | LED exchangeable                                                                    |
| Cap/Base                         | GU10                                                                                |
| Fixture rating                   | Open                                                                                |
| General application              | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| Operating temperature range (°C) | -20°C...+40°C                                                                       |

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|                                         |          |
|-----------------------------------------|----------|
| Performance ambient temperature Tq (°C) | 25       |
| ETIM Class                              | EC001959 |
| Warranty                                | 3 years  |

### Optical data

|                                              |            |
|----------------------------------------------|------------|
| Colour temperature (K)                       | 4000       |
| Light colour                                 | Cool White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Colour Consistency (SDCM)                    | 6          |
| Luminous Intensity (cd)                      | 770        |
| Beam Angle (°)                               | 36         |
| Photobiological Risk Group                   | RG1        |
| Lumen maintenance at end of nominal life (%) | 70         |

### Electrical data

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 4.2     |
| 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 | >50000  |
| Dimmable                                          | No      |
| Inrush Current (A)                                | 3.9     |
| Inrush Duration (µs)                              | 4100    |
| Lamp Energy Label (class)                         | F       |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. products per 16A C Breaker                   | 123     |
| Max. products per 16A B Breaker                   | 74      |

### Lifetime data

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

### Physical data

|                               |     |
|-------------------------------|-----|
| Nominal Product Height (mm)   | 54  |
| Nominal Product Diameter (mm) | 50  |
| Weight (kg)                   | 0.1 |

### Packaging

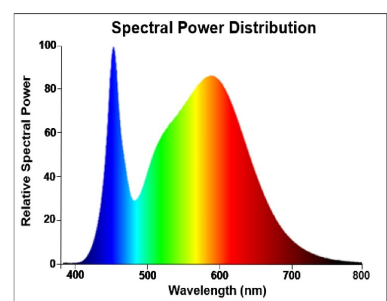
|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288291673 |
| Packaging single length / height (cm) | 8.2           |
| Packaging single width (cm)           | 12.1          |
| Packaging single depth (cm)           | 5.1           |

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|                                      |                |
|--------------------------------------|----------------|
| DUN14 (inner)                        | 25410288291677 |
| Units per inner package              | 6              |
| Packaging inner length / height (cm) | 9.2            |
| Packaging inner width (cm)           | 12.8           |
| Packaging inner depth (cm)           | 32.3           |
| DUN14 (outer)                        | 15410288291670 |
| Units per outer package              | 60             |
| Packaging outer length / height (cm) | 20.8           |
| Packaging outer width (cm)           | 67.0           |
| Packaging outer depth (cm)           | 33.7           |

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| 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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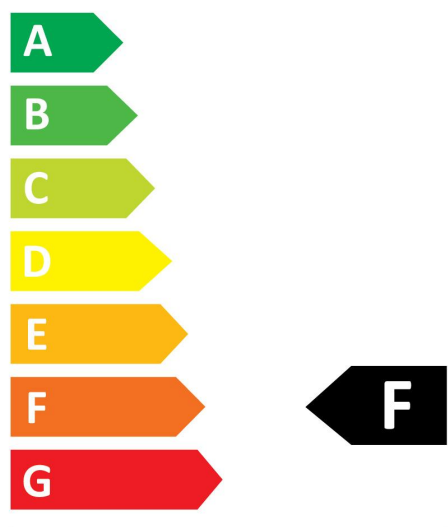
5  
kWh/1000h



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**SYLVANIA**  
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**5**  
kWh/1000h



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