

RefLED Retro ES50

RefLED Retro ES50 345Lm 840 36d SL

0026566



Product features

- Over 90% energy saving compared to halogen GU10 lamp. Same shape and size as halogen lamps. Glass construction offering classic look with latest efficient LED technology, Glass housing means no colour clash with luminaire and ideal for exposed spot lighting. Colour temperature - 4000K, Available in 36 degree beam angle, Lumen output - 345lm, High lumen efficacy - 80lm/W, A++ Energy class, 15,000 hours average rated life, 3 years warranty



PRODUCT OVERVIEW

| | |
|---------------------------------|-------------------------------------|
| Product name | RefLED Retro ES50 345Lm 840 36d SL |
| Technology | LED |
| Watt (Rated) (W) | 4.8 |
| Type | RefLED Retro ES50 |
| Fixture rating | Open |
| General application | Hospitality, Residential & Consumer |
| ETIM Class | EC001959 |
| E-number FI | 4740451 |
| Warranty | 3 years |
| Luminous flux (lm) | 345 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Colour Consistency (SDCM) | 6 |
| Beam Angle (°) | 36 |
| Wattage (W) | 4.8 |
| Product Voltage (V) | 230 |
| Dimmable | No |
| Average life (Nominal) (h) | 15000 |
| Product EAN number | 5410288265667 |

DATA TABLE

General data

| | |
|---|-------------------------------------|
| Product name | RefLED Retro ES50 345Lm 840 36d SL |
| Technology | LED |
| Watt (Rated) (W) | 4.8 |
| Type | RefLED Retro ES50 |
| 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 |

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| | |
|-------------|---------|
| E-number FI | 4740451 |
| Warranty | 3 years |

Optical data

| | |
|--|------------|
| Luminous flux (lm) | 345 |
| Rated Luminous Flux Useful (lm) | 345 |
| Colour temperature (K) | 4000 |
| Light colour | Cool White |
| Colour Code | 840 |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Colour Consistency (SDCM) | 6 |
| Rated Luminous Intensity (cd) | 650 |
| Beam Angle (°) | 36 |
| Lumen maintenance at end of nominal life (%) | 70 |

Electrical data

| | |
|---|---------|
| Wattage (W) | 4.8 |
| Starting time (max) (s) | 0.5 |
| Warm-up time to 60% of full light (max) (s) | 1 |
| Product Voltage (V) | 230 |
| Lamp power factor | 0.5 |
| No. Of switching cycles before premature failures | >100000 |
| Dimmable | No |
| kWh per 1000 hours burning time | 5 |
| Nominal Frequency (Hz) | 50/60Hz |

Lifetime data

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

Physical data

| | |
|-------------------------------|------|
| Nominal Product Length (mm) | 55 |
| Nominal Product Diameter (mm) | 50 |
| Weight (kg) | 0.06 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288265667 |
| Packaging single length / height (cm) | 6.0 |
| Packaging single width (cm) | 5.0 |
| Packaging single depth (cm) | 5.0 |
| DUN14 (inner) | 25410288265661 |
| Units per inner package | 6 |
| Packaging inner length / height (cm) | 16.0 |
| Packaging inner width (cm) | 13.0 |
| Packaging inner depth (cm) | 6.0 |

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| | |
|--------------------------------------|----------------|
| DUN14 (outer) | 15410288265664 |
| Units per outer package | 60 |
| Packaging outer length / height (cm) | 34.5 |
| Packaging outer width (cm) | 18.3 |
| Packaging outer depth (cm) | 28.5 |

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 |

TECHNICAL DRAWINGS

