

RefLED Superia Retro ES50

RefLED Superia Retro ES50 V3 700LM 830 36 SL

0029122



Product features

- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp
- Recreates backlight effect similar to halogen dichroic lamps
- Full glass design - means no colours clashing between lamp and fixture
- Very long lifetime of up to 25,000 hours
- COOLFIT functionality - ensures overheat and over temperature protection
- High switching cycles: >100,000
- High colour rendering: CRI80
- Non dimmable
- Warranty: 5 Years



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| Product name | RefLED Superia Retro ES50 V3 700LM 830 36 SL |
| Technology | LED |
| Watt (Rated) (W) | 7.3 |
| Type | LED exchangeable |
| Cap/Base | GU10 |
| Fixture rating | Open |
| General application | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| ETIM Class | EC001959 |
| E-number FI | 4741051 |
| Warranty | 5 years |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Colour Consistency (SDCM) | 6 |
| Beam Angle (°) | 36 |
| Photobiological Risk Group | RG1 |
| Wattage (W) | 7.3 |
| Product Voltage (V) | 230 |
| Dimmable | No |
| Average life (Nominal) (h) | 25000 |
| Product EAN number | 5410288291222 |

DATA TABLE

General data

| | |
|------------------|--|
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| | |
|---|---|
| Fixture rating | Open |
| General application | Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries |
| Operating temperature range (°C) | -20°C - 50°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001959 |
| E-number FI | 4741051 |
| Warranty | 5 years |

Optical data

| | |
|--|------------|
| Rated Luminous Flux Useful (lm) | 700 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Colour Consistency (SDCM) | 6 |
| Rated Luminous Intensity (cd) | 1300 |
| Beam Angle (°) | 36 |
| Photobiological Risk Group | RG1 |
| Lumen maintenance at end of nominal life (%) | 70 |

Electrical data

| | |
|---|---------|
| Wattage (W) | 7.3 |
| Equivalent watt (W) | 95 |
| Product Voltage (V) | 230 |
| Control gear required | No |
| No. Of switching cycles before premature failures | >100000 |
| Transformer required | No |
| Dimmable | No |
| Inrush Current (A) | 7.4 |
| Inrush Duration (µs) | 270 |
| Lamp Energy Label (class) | E |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 16A C Breaker | 97 |
| Max. Luminaires per 16A B Breaker | 58 |

Lifetime data

| | |
|----------------------------|-------|
| Lifespan L70 B50 | 25000 |
| Average life (Nominal) (h) | 25000 |
| Average life (Rated) (h) | 25000 |

Physical data

| | |
|-------------------------------|------|
| Nominal Product Height (mm) | 54 |
| Nominal Product Diameter (mm) | 50 |
| Weight (kg) | 0.05 |

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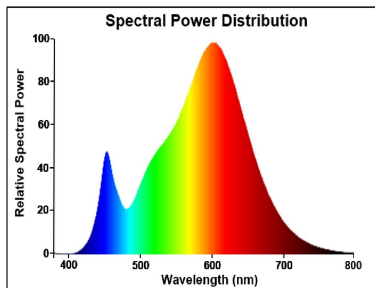
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288291222 |
| Packaging single length / height (cm) | 8.2 |
| Packaging single width (cm) | 6.1 |
| Packaging single depth (cm) | 5.1 |
| DUN14 (inner) | 25410288291226 |
| Units per inner package | 6 |
| Packaging inner length / height (cm) | 9.2 |
| Packaging inner width (cm) | 16.4 |
| Packaging inner depth (cm) | 13.1 |
| DUN14 (outer) | 15410288291229 |
| Units per outer package | 60 |
| Packaging outer length / height (cm) | 20.8 |
| Packaging outer width (cm) | 17.8 |
| Packaging outer depth (cm) | 68.5 |

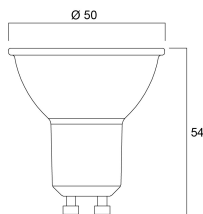
Safety data

| | |
|-------------------------------------|----------------|
| Optimal operating condition (°C) | -20-50 |
| Breakage cleaning instructions | Not applicable |
| Special purpose lamp | No |
| Dry applications use only | Yes |
| Suitable for household illumination | Yes |
| Safety message | None |

PHOTOMETRY



TECHNICAL DRAWINGS



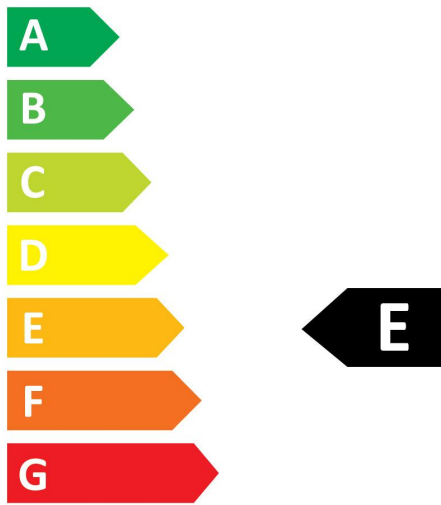
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8
kWh/1000h



2019/2015

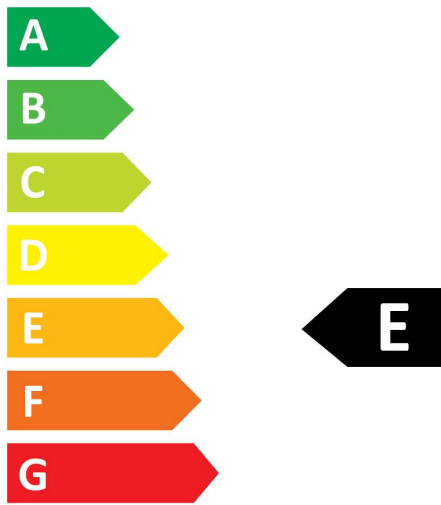
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