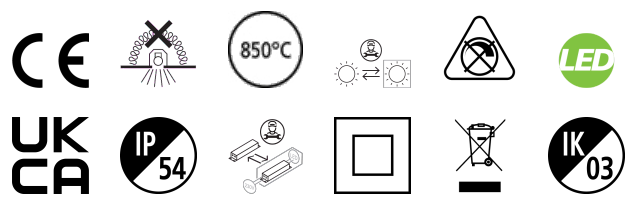


SYLCIRCLE IP54 2500/4000LM 830/840 DT

Item No: 0090122



YourHome



Range of wall or ceiling mounted LED luminaires developed for hallways, kitchens and bathrooms (with IP54 degree of protection against dust, water vapour and splashes). Dual-Tone colour temperature enables switch between 3000K and 4000K. Multi-Power to switch between lumens in a single device. Body Size diameter is 390mm. Can be wall or ceiling mounted BESA mounting box compatible. IK03 rated white opal diffuser. Even and uniform light distribution. High performance, up to 4,000lm. High efficiency of up to 120 lumen/Watt (4000K). Low maintenance with 30,000 hour LED life expectancy.

Technical Assets

Photometrics

General data

| | |
|----------------------------------|---------------------------------------|
| Product name | SYLCIRCLE IP54 2500/4000LM 830/840 DT |
| Technology | LED |
| Cap/Base | N/A |
| Housing | PC Polycarbonate |
| Mount | Ceiling surface mounting |
| General application | Retail |
| Operating temperature range (°C) | -20°C...+40°C |
| ETIM Class | EC002892 |
| Warranty | 3 years |

Optical data

| | |
|---------------------------------|------------------------------|
| Fixture luminous flux (lm) | 4000 |
| Luminaire efficacy (lm/W) | 120 |
| Light colour | Amber White or Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 120 |
| Distribution type | Symmetric |
| Photobiological Risk Group | RG1 |

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Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 33 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.9 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| No. Of switching cycles before premature failures | >100000 |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 176 |
| Inrush Current (A) | 18 |
| Inrush Duration (µs) | 100 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Low (6% - 20%) |
| Max. products per 10A C Breaker | 31 |
| Max. products per 13A C Breaker | 40 |
| Max. products per 16A C Breaker | 50 |
| Max. products per 20A C Breaker | 62 |
| Max. products per 10A B Breaker | 19 |
| Max. products per 13A B Breaker | 24 |
| Max. products per 16A B Breaker | 30 |
| Max. products per 20A B Breaker | 37 |
| Connectable conductor cross section - Max (mm²) | 1.5 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L70 B20 | 120000 |
| Lifespan L70 B10 | 120000 |
| Lifespan L80 B50 | 105000 |
| Lifespan L80 B20 | 95000 |
| Lifespan L80 B10 | 89000 |
| Lifespan L90 B50 | 51000 |
| Lifespan L90 B20 | 47000 |
| Lifespan L90 B10 | 44000 |

Physical data

| | |
|-------------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP54 |
| IK rating | IK03 |
| Diffuser finish | Opal |
| Diffuser material | PMMA Acrylic |
| Nominal Product Height (mm) | 105 |
| Nominal Product Diameter (mm) | 400 |
| Weight (kg) | 1.09 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288901220 |
| Packaging single length / height (cm) | 43.0 |
| Packaging single width (cm) | 43.0 |
| Packaging single depth (cm) | 11.5 |
| DUN14 (inner) | 15410288901227 |
| Units per outer package | 5 |
| Packaging outer length / height (cm) | 60.0 |
| Packaging outer width (cm) | 44.3 |
| Packaging outer depth (cm) | 44.8 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | -20-40 |