

# SYLCIRCLE IP54 500/2000LM 830/840 DT

Code article 0090121

**SYLVANIA**

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 300mm. Can be wall or ceiling mounted BESA mounting box compatible. IK03 rated white opal diffuser. Even and uniform light distribution. High efficiency of up to 120 lumen/Watt (4000K). Low maintenance with 30,000 hour LED life expectancy.

## Atouts techniques

### Photométrie

#### Données générales

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Nom du produit                   | SYLCIRCLE IP54<br>500/2000LM 830/840 DT |
| Technologie                      | LED                                     |
| Cap/Base                         | N/A                                     |
| Housing                          | PC Polycarbonate                        |
| Montage                          | Ceiling surface<br>mounting             |
| Built in presence detector       | NONE                                    |
| General application              | Retail                                  |
| Operating temperature range (°C) | -20°C...+40°C                           |
| Virtual assistant compatibility  | N/A, Amazon Alexa                       |
| ETIM Class                       | EC002892                                |
| Warranty                         | 3 ans                                   |

#### Données optiques

|                                 |                                 |
|---------------------------------|---------------------------------|
| Fixture luminous flux (lm)      | 2000                            |
| Luminaire efficacy (lm/W)       | 120                             |
| Couleur de lumière              | Amber White or<br>Neutral White |
| IRC (Ra)                        | 80                              |
| Colour Variation Initial (SDCM) | SDCM6                           |
| Beam Angle (°)                  | 120                             |
| Distribution type               | Symmetric                       |
| Photobiological Risk Group      | RG1                             |

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## Caractéristiques électriques

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Emergency type                                                        |                             |
| Consommation électrique totale (W)                                    | 16.5                        |
| 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) $\leq$ xx.x % | 20                          |
| Electrical protection                                                 | Class II                    |
| Type d'appareillage                                                   | LED driver constant current |
| No. Of switching cycles before premature failures                     | >100000                     |
| Dimmable                                                              | No                          |
| Dimming method                                                        | N/A                         |
| Drive current (mA)                                                    | 100                         |
| Courant d'appel (A)                                                   | 14                          |
| Inrush Duration ( $\mu$ s)                                            | 100                         |
| Energy Efficiency Class (A->G) of contained light source              | B                           |
| Nominal Frequency (Hz)                                                | 50/60Hz                     |
| LED Flickering Rate                                                   | Low (6% - 20%)              |
| Max. products per 10A C Breaker                                       | 40                          |
| Max. products per 13A C Breaker                                       | 51                          |
| Max. products per 16A C Breaker                                       | 65                          |
| Max. products per 20A C Breaker                                       | 79                          |
| Max. products per 10A B Breaker                                       | 24                          |
| Max. products per 13A B Breaker                                       | 31                          |
| Max. products per 16A B Breaker                                       | 38                          |
| Max. products per 20A B Breaker                                       | 48                          |
| Connectable conductor cross section - Max (mm <sup>2</sup> )          | 1.5                         |

## Durée de vie

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

## Données physiques

|                               |                         |
|-------------------------------|-------------------------|
| Housing colour                | RAL 9003 - Signal white |
| IP rating                     | IP54                    |
| IK rating                     | IK03                    |
| Diffuser finish               | Opal                    |
| Diffuser material             | PMMA Acrylic            |
| Nominal Product Height (mm)   | 94                      |
| Nominal Product Diameter (mm) | 300                     |
| Poids (kg)                    | 0.57                    |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288901213  |
| Longueur simple de l'emballage (cm)  | 32.0           |
| Largeur simple de l'emballage (cm)   | 32.0           |
| Packaging single depth (cm)          | 10.0           |
| DUN14 (inner)                        | 15410288901210 |
| Units per outer package              | 6              |
| Packaging outer length / height (cm) | 62.8           |
| Packaging outer width (cm)           | 33.3           |
| Packaging outer depth (cm)           | 33.8           |

## Sécurité

|                                           |        |
|-------------------------------------------|--------|
| Glow Wire Test (°C)                       | 850    |
| Condition de fonctionnement optimal (° C) | -20-40 |

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