

# DALI

**SYLVANIA**

TM



dimensions: 205mm.

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### Dimensions (mm)



# Insaver UGR19 IP54 205 2350lm 830 DALI

Item No: 0030576

**SYLVANIA**

## General data

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | Insaver UGR19 IP54 205 2350lm 830 DALI |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Aluminium                              |
| Mount                                   | Ceiling recessed mounting              |
| Built in presence detector              | NONE                                   |
| General application                     | Hospitality, Office, Retail            |
| Operating temperature range (°C)        | -10°C...+40°C                          |
| Performance ambient temperature Tq (°C) | 40                                     |
| Virtual assistant compatibility         | N/A                                    |
| ETIM Class                              | EC001744                               |
| E-number FI                             | 4170692                                |
| Warranty                                | 5 years                                |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 2350       |
| Luminaire efficacy (lm/W)         | 124        |
| Correlated colour temperature (k) | 3000       |
| Colour Code                       | 830        |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Beam Angle (°)                    | 70         |
| Distribution type                 | Symmetric  |
| Glare control                     | < 19       |
| Photobiological Risk Group        | RG1        |

## Electrical data

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| Emergency type                                                   |                                  |
| Total power consumption (W)                                      | 19                               |
| Supply current (A)                                               | 0.083                            |
| 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 required                                            | Yes                              |
| Control gear type                                                | LED driver constant current      |
| Dimmable                                                         | Yes                              |
| Dimming method                                                   | DALI-2, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                        | 1                                |
| Drive current (mA)                                               | 600                              |
| Inrush Current (A)                                               | 3.62                             |
| Inrush Duration (µs)                                             | 45                               |
| Energy Efficiency Class (A->G) of contained light source         | D                                |
| Nominal Frequency (Hz)                                           | 50/60Hz                          |
| LED Flickering Rate                                              | Ultra low (5% or less)           |
| Max. products per 10A C Breaker                                  | 58                               |
| Max. products per 13A C Breaker                                  | 77                               |
| Max. products per 16A C Breaker                                  | 93                               |
| Max. products per 20A C Breaker                                  | 118                              |
| Max. products per 10A B Breaker                                  | 58                               |
| Max. products per 13A B Breaker                                  | 77                               |
| Max. products per 16A B Breaker                                  | 93                               |
| Max. products per 20A B Breaker                                  | 118                              |
| Connectable conductor cross section - Min (mm²)                  | 0.5                              |
| Connectable conductor cross section - Max (mm²)                  | 2.5                              |

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## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 50000  |

## Physical data

|                               |                       |
|-------------------------------|-----------------------|
| Housing colour                | RAL 9010 - Pure white |
| IP rating                     | IP54/20               |
| IK rating                     | IK07                  |
| Diffuser finish               | Other                 |
| Diffuser material             | None                  |
| Reflector finish              | Not Applicable        |
| Nominal Product Height (mm)   | 60                    |
| Nominal Product Diameter (mm) | 220                   |
| Built-in diameter (mm)        | 205                   |
| Weight (kg)                   | 0.79                  |
| Recessed Depth (mm)           | 150                   |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288305769  |
| Packaging single length / height (cm) | 24.5           |
| Packaging single width (cm)           | 24.0           |
| Packaging single depth (cm)           | 8.5            |
| DUN14 (inner)                         | 15410288305766 |
| Units per outer package               | 12             |
| Packaging outer length / height (cm)  | 51.0           |
| Packaging outer width (cm)            | 50.0           |
| Packaging outer depth (cm)            | 28.0           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -10-40 |