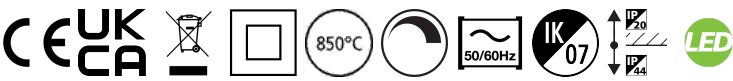


Insaver Slim UGR19 IP44 DALI 150 1150lm 830  
0030534



Features

- Insaver Slim is a ceiling recessed LED downlight (IP44 from the front), Die-cast aluminium body, loop in loop out connector for quick installation, Dimmable DALI driver of TRIDONIC (LCA 17W 250–700mA one4all SR PRE 28000670), 9.5W; 1150lm; 121lm/W; 3000K; UGR <19 with shallow product depth 50mm. Meets TP(a) requirements.

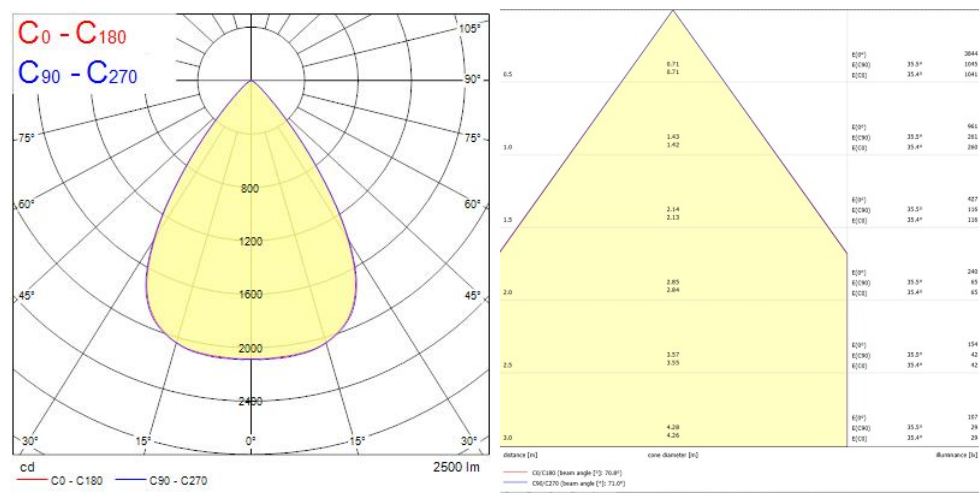
Product Overview

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Product name                    | Insaver Slim UGR19 IP44 DALI 150 1150lm 830 |
| Technology                      | LED                                         |
| Cap/Base                        | N/A                                         |
| Housing                         | Aluminium                                   |
| Mount                           | Ceiling recessed mounting                   |
| General application             | Hospitality, Office, Retail                 |
| ETIM Class                      | EC001744                                    |
| E-number FI                     | 4278511                                     |
| Fixture luminous flux (lm)      | 1150                                        |
| Luminaire efficacy (lm/W)       | 121                                         |
| Colour temperature (K)          | 3000                                        |
| Light colour                    | Warm White                                  |
| CRI (Ra)                        | 80                                          |
| Colour Variation Initial (SDCM) | 3                                           |
| Beam Angle (°)                  | 70                                          |
| Beam Angle (°)                  | NA                                          |
| Glare control                   | < 19                                        |
| Photobiological Risk Group      | RG1                                         |
| Total power consumption (W)     | 9.5                                         |
| Electrical protection           | Class II                                    |
| Control gear type               | LED driver constant current                 |
| Dimmable                        | Yes                                         |

Insaver Slim UGR19 IP44 DALI 150 1150lm 830  
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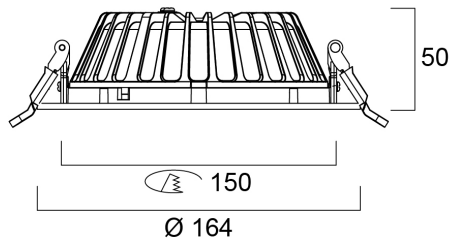
|                           |                         |
|---------------------------|-------------------------|
| Minimum dimming level (%) | 1                       |
| LED Flickering Rate       | Ultra low (5% or less)  |
| Housing colour            | RAL 9003 - Signal white |
| IP rating                 | IP44/20                 |
| IK rating                 | IK07                    |
| Product EAN number        | 5410288305349           |
| Warranty                  | 5 years                 |
| Colour Code               | 830                     |
| Dimming method            | DALI                    |

Photometry



Insaver Slim UGR19 IP44 DALI 150 1150lm 830  
0030534

Technical drawings



Data table

GENERAL DATA

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | Insaver Slim UGR19 IP44 DALI 150 1150lm 830 |
| Technology                              | LED                                         |
| Cap/Base                                | N/A                                         |
| Housing                                 | Aluminium                                   |
| Mount                                   | Ceiling recessed mounting                   |
| General application                     | Hospitality, Office, Retail                 |
| Operating temperature range (°C)        | -10°C...+40°C                               |
| Performance ambient temperature Tq (°C) | 40                                          |
| ETIM Class                              | EC001744                                    |
| E-number FI                             | 4278511                                     |
| Warranty                                | 5 years                                     |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1150 |
| Luminaire efficacy (lm/W)  | 121  |

## Insaver Slim UGR19 IP44 DALI 150 1150lm 830 0030534

|                                         |             |
|-----------------------------------------|-------------|
| Colour temperature (K)                  | 3000        |
| Correlated colour temperature range (K) | 3000 - 3000 |
| Colour Code                             | 830         |
| Light colour                            | Warm White  |
| CRI (Ra)                                | 80          |
| Colour Variation Initial (SDCM)         | 3           |
| Beam Angle (°)                          | 70          |
| Beam Angle (°)                          | NA          |
| Distribution type                       | Symmetric   |
| Glare control                           | < 19        |
| Photobiological Risk Group              | RG1         |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 9.5                         |
| Mains voltage (V)                                                | 220-240V                    |
| Lamp power factor                                                | 0.97                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| Electrical protection                                            | Class II                    |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI                        |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 290                         |
| Inrush Current (A)                                               | 18                          |
| Inrush Duration (µs)                                             | 140                         |
| Glow Wire Test (°C)                                              | 850                         |
| Energy Efficiency Class (A->G) of contained light source         | D                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                                | 36                          |
| Max. Luminaires per 13A C Breaker                                | 50                          |
| Max. Luminaires per 16A C Breaker                                | 60                          |

## Insaver Slim UGR19 IP44 DALI 150 1150lm 830 0030534

|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 20A C Breaker | 76 |
| Max. Luminaires per 10A B Breaker | 22 |
| Max. Luminaires per 13A B Breaker | 30 |
| Max. Luminaires per 16A B Breaker | 36 |
| Max. Luminaires per 20A B Breaker | 46 |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L70 B20 | 90000  |
| Lifespan L70 B10 | 90000  |
| Lifespan L80 B50 | 90000  |
| Lifespan L80 B20 | 88000  |
| Lifespan L80 B10 | 80000  |
| Lifespan L90 B50 | 49000  |
| Lifespan L90 B20 | 42000  |
| Lifespan L90 B10 | 39000  |

### PHYSICAL DATA

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Housing colour                                    | RAL 9003 - Signal white |
| IP rating                                         | IP44/20                 |
| IK rating                                         | IK07                    |
| Diffuser finish                                   | Other                   |
| Diffuser material                                 | None                    |
| Reflector finish                                  | Silver                  |
| Nominal Product Height (mm)                       | 50                      |
| Nominal Product Diameter (mm)                     | 164                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 150                     |
| Weight (kg)                                       | 0.45                    |
| Recessed Depth (mm)                               | 150                     |

### PACKAGING

|                       |               |
|-----------------------|---------------|
| Single packaging type | Carton        |
| Product EAN number    | 5410288305349 |

## Insaver Slim UGR19 IP44 DALI 150 1150lm 830 0030534

|                                       |                |
|---------------------------------------|----------------|
| Packaging single length / height (cm) | 17.8           |
| Packaging single width (cm)           | 17.8           |
| Packaging single depth (cm)           | 7.0            |
| DUN14 (outer)                         | 15410288305346 |
| Units per outer package               | 20             |
| Packaging outer length / height (cm)  | 37.0           |
| Packaging outer width (cm)            | 37.0           |
| Packaging outer depth (cm)            | 37.0           |

### SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -10-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |