

## INSAVER SLIM 150

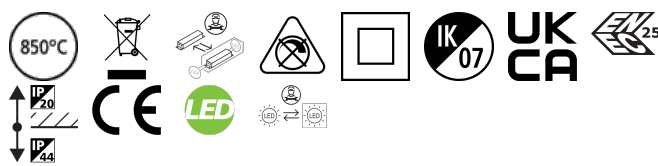
*Insaver Slim UGR19 IP44 150 1150lm 830*

0030500



### Product 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, Non dimmable LED driver, 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 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                     | 4278509                                |
| Warranty                        | 5 years                                |
| 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) | SDCM3                                  |
| Beam Angle (°)                  | 70                                     |
| 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                        | No                                     |
| Dimming method                  | N/A                                    |
| LED Flickering Rate             | Ultra low (5% or less)                 |
| Housing colour                  | RAL 9003 - Signal white                |
| IP rating                       | IP44/20                                |
| IK rating                       | IK07                                   |
| Product EAN number              | 5410288305004                          |

### DATA TABLE

General data

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|                                  |                                        |
|----------------------------------|----------------------------------------|
| Product name                     | Insaver Slim UGR19 IP44 150 1150lm 830 |
| Technology                       | LED                                    |
| Cap/Base                         | N/A                                    |
| Housing                          | Aluminium                              |
| Mount                            | Ceiling recessed mounting              |
| General application              | Hospitality, Office, Retail            |
| Operating temperature range (°C) | -20°C...+40°C                          |
| ETIM Class                       | EC001744                               |
| E-number FI                      | 4278509                                |
| Warranty                         | 5 years                                |

### Optical data

|                                 |            |
|---------------------------------|------------|
| 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) | SDCM3      |
| Beam Angle (°)                  | 70         |
| 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                                              | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 20.0                        |
| Electrical protection                                          | Class II                    |
| Control gear type                                              | LED driver constant current |
| Dimmable                                                       | No                          |
| Dimming method                                                 | N/A                         |
| Drive current (mA)                                             | 300                         |
| Inrush Current (A)                                             | 15                          |
| Inrush Duration (µs)                                           | 104                         |
| 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 16A C Breaker                              | 96                          |
| Max. Luminaires per 16A B Breaker                              | 77                          |

### Lifetime data

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

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## Physical data

|                                                          |                         |
|----------------------------------------------------------|-------------------------|
| <b>Housing colour</b>                                    | RAL 9003 - Signal white |
| <b>IP rating</b>                                         | IP44/20                 |
| <b>IK rating</b>                                         | IK07                    |
| <b>Diffuser finish</b>                                   | Other                   |
| <b>Diffuser material</b>                                 | None                    |
| <b>Reflector finish</b>                                  | Silver                  |
| <b>Nominal Product Height (mm)</b>                       | 50                      |
| <b>Nominal Product Diameter (mm)</b>                     | 165                     |
| <b>Cutout Dimensions (W x L in mm or Diameter in mm)</b> | 150                     |
| <b>Weight (kg)</b>                                       | 0.45                    |

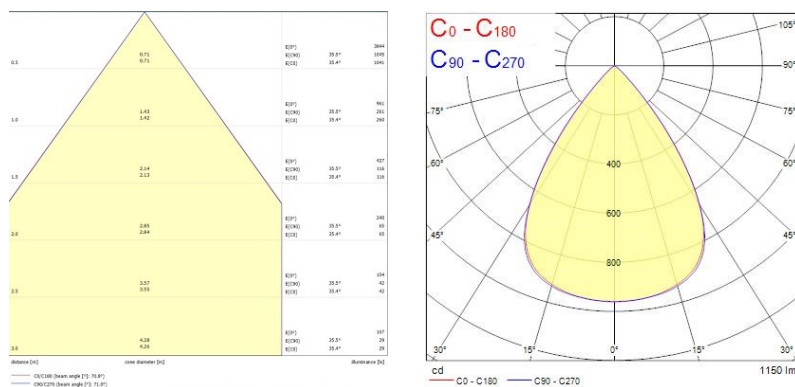
## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288305004  |
| Packaging single length / height (cm) | 17.8           |
| Packaging single width (cm)           | 17.8           |
| Packaging single depth (cm)           | 7.0            |
| DUN14 (outer)                         | 15410288305001 |
| 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) | -20-40 |
|----------------------------------|--------|

## PHOTOMETRY



## TECHNICAL DRAWINGS

## INSAVER SLIM 150

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