

## INSAVER SLIM 175 PIR

*Insaver Slim UGR19 IP44 175 wide bezel 1050lm 830*

0030442



### 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, 9W; 1050lm; 117lm/W; 3000K; UGR <19 with shallow product depth 50mm. The bezel matches the look of PIR version (SKUs 0030320, 0030321). Meets TP(a) requirements.



### PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| Product name                    | Insaver Slim UGR19 IP44 175 wide bezel 1050lm 830 |
| Technology                      | LED   |
| Cap/Base                        | N/A   |
| Housing                         | Aluminium   |
| Mount                           | Ceiling recessed mounting                         |
| General application             | Hospitality, Office, Retail                       |
| ETIM Class                      | EC001744  |
| E-number FI                     | 4278409   |
| Warranty                        | 5 years   |
| Fixture luminous flux (lm)      | 1050  |
| Luminaire efficacy (lm/W)       | 117   |
| Colour temperature (K)          | 3000  |
| Light colour                    | Warm White  |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | SDCM3   |
| Beam Angle (°)                  | 60  |
| Glare control                   | < 19  |
| Photobiological Risk Group      | RG1   |
| Total power consumption (W)     | 9   |
| 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              | 5410288304427                                     |

### DATA TABLE

General data

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|   |   |
|---|---|
| Product name                            | Insaver Slim UGR19 IP44 175 wide bezel 1050lm 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                             | 4278409   |
| Warranty                                | 5 years   |

### Optical data

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 1050       |
| Luminaire efficacy (lm/W)       | 117        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | SDCM3      |
| Beam Angle (°)                  | 60         |
| Distribution type               | Symmetric  |
| Glare control                   | < 19       |
| Photobiological Risk Group      | RG1        |

### Electrical data

|  |                             |
|--|-----------------------------|
| Total power consumption (W)                                    | 9                           |
| 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)   | 290                         |
| Inrush Current (A)   | 7.48                        |
| Inrush Duration (µs)   | 160                         |
| 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. products per 10A C Breaker                                | 56                          |
| Max. products per 13A C Breaker                                | 70                          |
| Max. products per 16A C Breaker                                | 88                          |
| Max. products per 20A C Breaker                                | 110                         |
| Max. products per 10A B Breaker                                | 33                          |
| Max. products per 13A B Breaker                                | 42                          |
| Max. products per 16A B Breaker                                | 52                          |
| Max. products per 20A B Breaker                                | 66                          |

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|  |      |
|--|------|
| Connectable conductor cross section - Min (mm <sup>2</sup> ) | 0.49 |
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 1.49 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L80 B20 | 90000 |
| 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)                     | 195                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 175                     |
| Weight (kg)                                       | 0.551                   |
| Recessed Depth (mm)                               | 150                     |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288304427  |
| Packaging single length / height (cm) | 20.5           |
| Packaging single width (cm)           | 20.5           |
| Packaging single depth (cm)           | 8.0            |
| DUN14 (outer)                         | 15410288304424 |
| Units per outer package               | 12             |
| Packaging outer length / height (cm)  | 42.5           |
| Packaging outer width (cm)            | 42.5           |
| Packaging outer depth (cm)            | 25.5           |

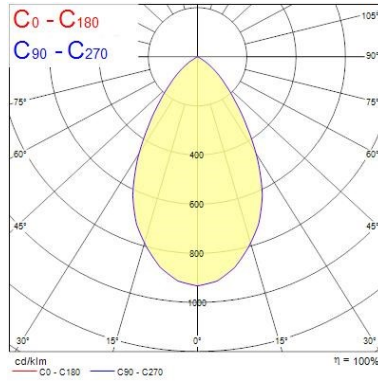
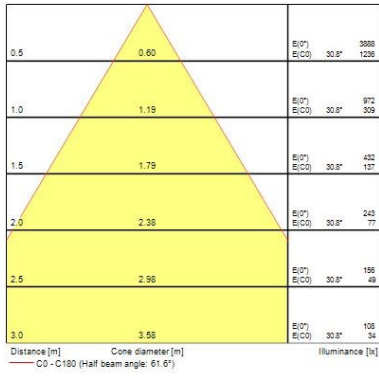
### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-40 |
|----------------------------------|--------|

## PHOTOMETRY

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## TECHNICAL DRAWINGS

