

INSAVER SLIM 175  
*Insaver Slim UGR19 IP44 175 1300lm 940*  
0030439



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, 13W; 1300lm; 100lm/W; CRI90; 4000K; UGR <19 with shallow product depth 60mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product name                    | Insaver Slim UGR19 IP44 175 1300lm 940 |
| Technology                      | LED                                    |
| Cap/Base                        | N/A                                    |
| Housing                         | Aluminium                              |
| Mount                           | Ceiling recessed mounting              |
| General application             | Hospitality, Office, Retail            |
| ETIM Class                      | EC001744                               |
| Warranty                        | 5 years                                |
| Fixture luminous flux (lm)      | 1300                                   |
| Luminaire efficacy (lm/W)       | 100                                    |
| Colour temperature (K)          | 4000                                   |
| Light colour                    | Neutral White                          |
| CRI (Ra)                        | 90                                     |
| Colour Variation Initial (SDCM) | SDCM3                                  |
| Beam Angle (°)                  | 60                                     |
| Glare control                   | < 19                                   |
| Photobiological Risk Group      | RG1                                    |
| Total power consumption (W)     | 13                                     |
| 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              | 5410288304397                          |

DATA TABLE

|              |                                        |
|--------------|----------------------------------------|
| General data |                                        |
| Product name | Insaver Slim UGR19 IP44 175 1300lm 940 |

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|                                  |                             |
|----------------------------------|-----------------------------|
| 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               |
| ETIM Class                       | EC001744                    |
| Warranty                         | 5 years                     |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 1300          |
| Luminaire efficacy (lm/W)       | 100           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 60            |
| Distribution type               | Symmetric     |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG1           |

### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 13                          |
| 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 required                                          | No                          |
| Control gear type                                              | LED driver constant current |
| Dimmable                                                       | No                          |
| Dimming method                                                 | N/A                         |
| Drive current (mA)                                             | 390                         |
| Inrush Current (A)                                             | 17.5                        |
| Inrush Duration (µs)                                           | 188                         |
| Glow Wire Test (°C)                                            | 850                         |
| Energy Efficiency Class (A->G) of contained light source       | E                           |
| Nominal Frequency (Hz)                                         | 50/60Hz                     |
| LED Flickering Rate                                            | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                              | 22                          |
| Max. Luminaires per 13A C Breaker                              | 27                          |
| Max. Luminaires per 16A C Breaker                              | 34                          |
| Max. Luminaires per 20A C Breaker                              | 42                          |
| Max. Luminaires per 10A B Breaker                              | 13                          |
| Max. Luminaires per 13A B Breaker                              | 16                          |
| Max. Luminaires per 16A B Breaker                              | 20                          |
| Max. Luminaires per 20A B Breaker                              | 25                          |

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### 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)                       | 60                      |
| Nominal Product Diameter (mm)                     | 195                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 175                     |
| Weight (kg)                                       | 0.55                    |

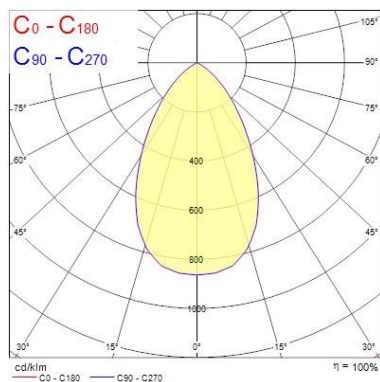
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288304397  |
| Packaging single length / height (cm) | 20.5           |
| Packaging single width (cm)           | 20.5           |
| Packaging single depth (cm)           | 7.3            |
| DUN14 (outer)                         | 15410288304394 |
| Units per outer package               | 16             |
| Packaging outer length / height (cm)  | 42.5           |
| Packaging outer width (cm)            | 42.5           |
| Packaging outer depth (cm)            | 31.0           |

### Safety data

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

## PHOTOMETRY



| Distance [m] | Cone diameter [m] | Beam area [m²] | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5          | 0.61              | 0.61           | 4300             |
| 1.0          | 1.22              | 1.23           | 1075             |
| 1.5          | 1.83              | 1.94           | 478              |
| 2.0          | 2.44              | 2.45           | 149              |
| 2.5          | 3.05              | 3.06           | 64               |
| 3.0          | 3.66              | 3.68           | 34               |

Distance [m]      Cone diameter [m]      Beam area [m²]      Illuminance [lx]

— C0 - C180 (Half beam angle: 63.0°)      — C90 - C270 (Half beam angle: 62.8°)

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### TECHNICAL DRAWINGS

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