

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, 4000K; UGR <19 with shallow product depth 60mm. The range features a multipower functionality where the luminous flux of the luminaire can be tailored to local needs by only setting a quick selector switch on the driver. 8 steps available with adjustable lumen output of 650 – 2050lm at 4000K. Meets TP(a) requirements.

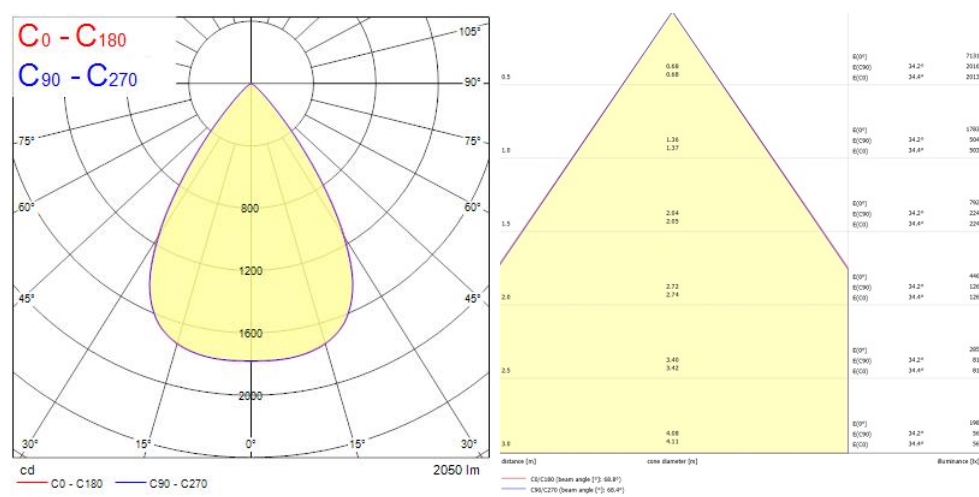
Product Overview

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Product name                    | Insaver Slim IP44 205 Multi650-2050 840 |
| Technology                      | LED                                     |
| Cap/Base                        | N/A                                     |
| Housing                         | Aluminium                               |
| Mount                           | Ceiling recessed mounting               |
| General application             | Hospitality, Office, Retail             |
| ETIM Class                      | EC001744                                |
| E-number FI                     | 4278528                                 |
| Fixture luminous flux (lm)      | 2050                                    |
| Luminaire efficacy (lm/W)       | 128                                     |
| Colour temperature (K)          | 4000                                    |
| Light colour                    | Neutral White                           |
| CRI (Ra)                        | 80                                      |
| Colour Variation Initial (SDCM) | 3                                       |
| Beam Angle (°)                  | 70                                      |
| Glare control                   | < 19                                    |
| Photobiological Risk Group      | RG1                                     |
| Total power consumption (W)     | 16                                      |
| Electrical protection           | Class II                                |

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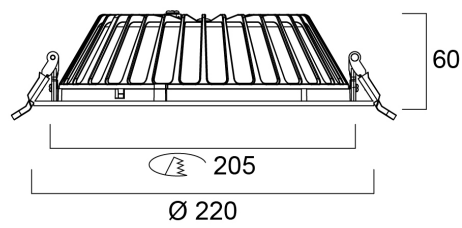
|                     |                             |
|---------------------|-----------------------------|
| Control gear type   | LED driver constant current |
| Dimmable            | No                          |
| LED Flickering Rate | Ultra low (5% or less)      |
| Housing colour      | RAL 9003 - Signal white     |
| IP rating           | IP44/20                     |
| IK rating           | IK07                        |
| Product EAN number  | 5410288305516               |
| Warranty            | 5 years                     |
| Dimming method      | N/A                         |

Photometry



Insaver Slim IP44 205 Multi650-2050 840  
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Technical drawings



Data table

GENERAL DATA

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Product name                     | Insaver Slim IP44 205 Multi650-2050 840 |
| 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                      | 4278528                                 |
| Warranty                         | 5 years                                 |

OPTICAL DATA

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 2050          |
| Luminaire efficacy (lm/W)  | 128           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |

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|                                 |           |
|---------------------------------|-----------|
| CRI (Ra)                        | 80        |
| Colour Variation Initial (SDCM) | 3         |
| Beam Angle (°)                  | 70        |
| Distribution type               | Symmetric |
| Glare control                   | < 19      |
| Photobiological Risk Group      | RG1       |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 16                          |
| Mains voltage (V)                                                | 220-240V                    |
| Lamp power factor                                                | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 5.0                         |
| Electrical protection                                            | Class II                    |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 500                         |
| Inrush Current (A)                                               | 10                          |
| Inrush Duration (µs)                                             | 100                         |
| 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                                | 51                          |
| Max. Luminaires per 16A B Breaker                                | 51                          |

### LIFETIME DATA

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

## Insaver Slim IP44 205 Multi650-2050 840 0030551

### 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)                     | 220                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 205                     |
| Weight (kg)                                       | 0.73                    |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288305516  |
| Packaging single length / height (cm) | 23.2           |
| Packaging single width (cm)           | 23.2           |
| Packaging single depth (cm)           | 8.0            |
| DUN14 (outer)                         | 15410288305513 |
| Units per outer package               | 12             |
| Packaging outer length / height (cm)  | 48.0           |
| Packaging outer width (cm)            | 48.0           |
| Packaging outer depth (cm)            | 26.0           |

### SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |