

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 (Driver LC 45W 450-1050mA 54V 0.4a NF SR EXC3 875000923), 41W; 4950lm; 121lm/W; 4000K; UGR <22 with shallow product depth 65mm. Meets TP(a) requirements.

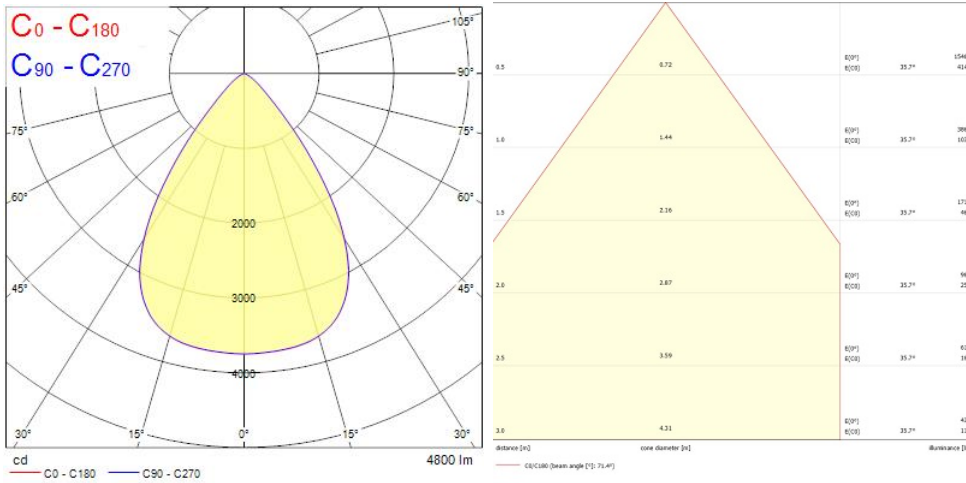
Product Overview

| | |
|---------------------------------|---------------------------------------|
| Product name | Insaver Slim IP44 DALI 225 4950lm 840 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| General application | Hospitality, Office, Retail |
| ETIM Class | EC001744 |
| E-number FI | 4278537 |
| Fixture luminous flux (lm) | 4950 |
| Luminaire efficacy (lm/W) | 121 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 70 |
| Beam Angle (°) | NA |
| Glare control | < 22 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 41 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| Dimmable | Yes |

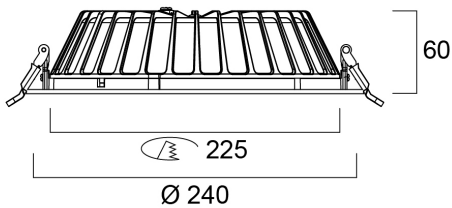
Insaver Slim IP44 DALI 225 4950lm 840 0030541

| | |
|---------------------------|-------------------------|
| 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 | 5410288305417 |
| Warranty | 5 years |
| Colour Code | 840 |
| Dimming method | DALI |

Photometry



Technical drawings



Data table

GENERAL DATA

| | |
|---|---------------------------------------|
| Product name | Insaver Slim IP44 DALI 225 4950lm 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 |
| Performance ambient temperature Tq (°C) | 40 |
| ETIM Class | EC001744 |
| E-number FI | 4278537 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|----------------------------|------|
| Fixture luminous flux (lm) | 4950 |
| Luminaire efficacy (lm/W) | 121 |

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| | |
|---------------------------------|---------------|
| Colour temperature (K) | 4000 |
| Colour Code | 840 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 70 |
| Beam Angle (°) | NA |
| Distribution type | Symmetric |
| Glare control | < 22 |
| Photobiological Risk Group | RG1 |

ELECTRICAL DATA

| | |
|---|-----------------------------|
| Total power consumption (W) | 41 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.96 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) \leq xx.x % | 5 |
| 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) | 1050 |
| Inrush Current (A) | 28 |
| Inrush Duration (μ s) | 195 |
| 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 | 21 |
| Max. Luminaires per 13A C Breaker | 30 |
| Max. Luminaires per 16A C Breaker | 36 |
| Max. Luminaires per 20A C Breaker | 46 |

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| | |
|-----------------------------------|----|
| Max. Luminaires per 10A B Breaker | 13 |
| Max. Luminaires per 13A B Breaker | 18 |
| Max. Luminaires per 16A B Breaker | 22 |
| Max. Luminaires per 20A B Breaker | 28 |

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) | 60 |
| Nominal Product Diameter (mm) | 240 |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 225 |
| Weight (kg) | 0.83 |
| Recessed Depth (mm) | 150 |

PACKAGING

| | |
|---------------------------------------|---------------|
| Single packaging type | Carton |
| Product EAN number | 5410288305417 |
| Packaging single length / height (cm) | 25.5 |

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| | |
|--------------------------------------|----------------|
| Packaging single width (cm) | 25.5 |
| Packaging single depth (cm) | 8.5 |
| DUN14 (outer) | 15410288305414 |
| Units per outer package | 12 |
| Packaging outer length / height (cm) | 52.5 |
| Packaging outer width (cm) | 52.5 |
| Packaging outer depth (cm) | 27.5 |

SAFETY DATA

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